

sunbeltrentals.com
1-800 No Sweat®
(667-9328)



GENERAL TOOL & EQUIPMENT • PUMP & POWER SERVICES • INDUSTRIAL SERVICES
SCAFFOLD SERVICES • OIL & GAS SERVICES • INDUSTRIAL CLIMATE CONTROL
CLIMATE CONTROL SERVICES • FLOORING SOLUTIONS • PILE DRIVING EQUIPMENT
REMEDIATION & RESTORATION • FACILITY MAINTENANCE • GSA SERVICES

VOL 17 FULL LINE CATALOG

2017/2018



FIRST CHOICE FOR CONTRACTOR TOOL RENTALS

Ensure your peace of mind with the additional coverage provided by Sunbelt Rentals' Rental Protection Plan.

Rental **PROTECTION** Plan

*Don't risk being responsible for potentially significant costs.
Protect your bottom line with our coverage.*

- Equipment Theft
- Accidental Damage
- Tire Damage



Sunbelt Rentals is one of the largest equipment rental companies in North America. Backed by an ever expanding network, Sunbelt successfully services a variety of customers — from those in the commercial, residential, industrial, municipal and specialized service industries, to weekend do-it-yourselfers.

Designed to serve distinct customer segments requiring a high level of technical expertise, our specialty divisions offer a highly diversified product mix, as well as trained experts.

General Tool & Equipment **1-800 No Sweat®** (667-9328)

Toll-free numbers that connect you to the nearest Sunbelt Rentals specialty locations.

Climate Control Services: **800-892-8677**

Facility Maintenance: **800-508-4760**

GSA Services: **800-667-9328**

Flooring Solutions: **844-723-4778**

Industrial Services: **855-260-6726**

Oil & Gas Services: **877-687-1146**

Pile Driving Equipment: **800-223-8427**

Pump & Power Services: **800-736-2504**

Remediation & Restoration: **800-508-4760**

Scaffold Services: **866-784-1785**

sunbeltrentals.com

WE EQUIP SUCCESS



**MORE THAN 600 LOCATIONS
IN NORTH AMERICA**

PUT TOOLFLEX™ TO WORK FOR YOU.

BUILD A
PACKAGE
3^{MIN} 10^{MAX}
TOOLS

CHOOSE
— FROM OVER —
200
TF ITEMS

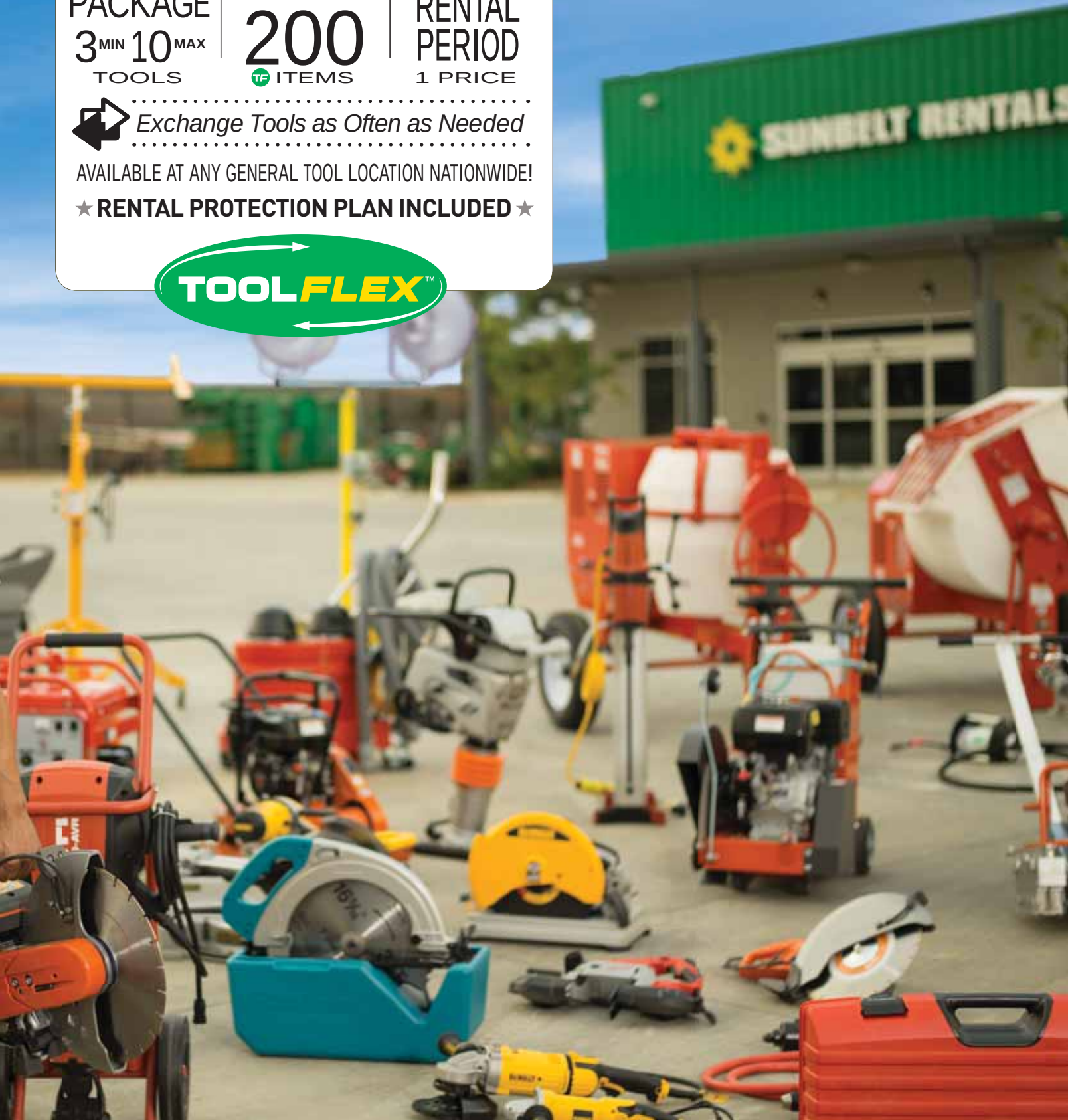
28-day
RENTAL
PERIOD
1 PRICE



.....
Exchange Tools as Often as Needed
.....

AVAILABLE AT ANY GENERAL TOOL LOCATION NATIONWIDE!

★ RENTAL PROTECTION PLAN INCLUDED ★

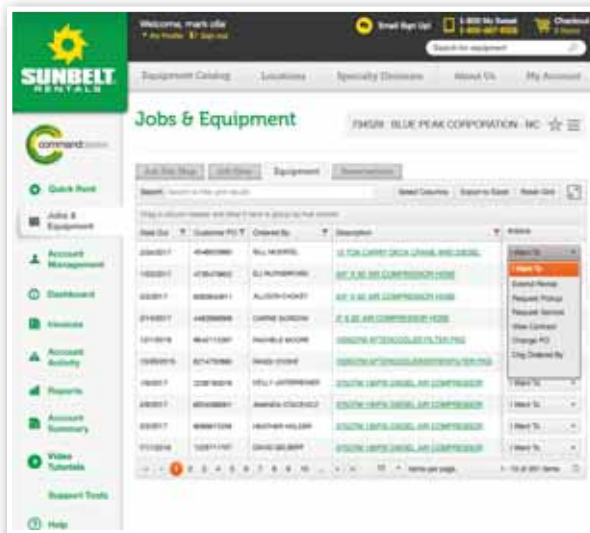


RENT RETURN MANAGE & MORE



In this age of information, Command Center serves as your digital ecosystem, providing insight into all aspects of the rental cycle — easily guiding you through a world of vast functionality. Our suite of tools puts power, speed, and ease of use literally in your hands, at your fingertips.

Download our mobile app for iOS devices (iPhone and iPad) and Android smartphones.



- Eliminate wasted time
- Reserve – Rent – Release
- Schedule service
- Track deliveries
- Fleet mapped to job sites
- Real time custom reporting
- Schedule alerts
- Manage payables



Manage your equipment rental needs
anytime from anywhere.

GENERAL INFORMATION

OPERATING HOURS

Standard business hours at most Sunbelt Rentals locations are from 6:30 am to 5:30 pm Monday through Friday (check for local weekend operating hours). We also offer a 24-hour emergency hotline to accommodate both after-hours service and rental needs. Our **"No Sweat" Guarantee** promises that customers calling after hours will receive a response from a Sunbelt Rentals representative within 1 hour, or 1 day's rental is free. To see how quickly we respond, call our after-hours emergency number: **888-828-4049**. In 2016, our team responded to 99.2% of all after-hours calls in under 30 minutes, and 96.1% in under one hour.

RENTAL TERMS

Most equipment featured in this catalog is offered for rent on a daily, weekly or monthly basis. However, some items may require a minimum rental term of 1 week or more. All rentals and purchases are subject to any applicable taxes. Customers not holding a credit account will be required to pay in advance for the rental and any supply items purchased. Additional deposits may also be required, depending on the type of equipment rented. Two forms of identification are required from all non-credit account customers, preferably a current driver's license and a major credit card. Acceptable forms of payment are cash, check or major credit card. We accept MasterCard, Visa, American Express and Discover. Customers who rent on a frequent basis may be eligible for a credit account. To apply, complete the credit application at the back of this catalog and fax it to your nearest Sunbelt Rentals location or toll-free at **888-886-7820**. The credit application is also available online.

FUEL PAYMENT OPTIONS

Sunbelt Rentals allows you to choose how you want to replace the fuel before returning your equipment. For fuel replacement, Sunbelt Rentals provides three options: "No Sweat" Fuel Option (Prepay), Pay on Return and Return Full.

"NO SWEAT" FUEL OPTION (prepay)

For your convenience, Sunbelt Rentals offers a "No Sweat" Fuel Option. The "No Sweat" Fuel Option is a prepay option that permits you to purchase at the time of rental a full tank of fuel at a competitive, self-service per gallon price (posted fuel charge at Sunbelt Rentals location). The charge is based on the average fuel tank size for the equipment class. There is no hassle and this option saves time and money. As an added convenience, you can purchase the "No Sweat" Fuel Option at the time of the rental, however, if you decide to return the equipment full of fuel, you will be refunded the cost of the "No Sweat" Fuel Option. This way, you can either decide to fill it up or let Sunbelt Rentals do it when you return the equipment—it's your choice.

PAY ON RETURN OPTION

With this option, you can pay the full-service fuel price (posted fuel charge at Sunbelt Rentals location) per gallon of fuel used. This is another easy, timesaving option where you only pay for the fuel you use.

RETURN FULL OPTION

The final option is returning the equipment full of fuel. You will be charged the "No Sweat" Fuel Option cost at the time of the rental, but you will receive a refund when you return the equipment full of fuel. FOC-713R

DELIVERY & PICK-UP

Sunbelt Rentals maintains an extensive fleet of delivery vehicles to provide responsive transport of equipment for our customers at competitive rates. We also offer trailers for rent, specially designed for hauling the types of equipment we offer.

THE "NO SWEAT" GUARANTEE®

We supply the right equipment, on time, serviced and ready to do the job at hand, or the rental that day is free.

We deliver within 45 minutes of the quoted delivery time, or the rental that day is free.

We repair or replace down equipment within 4 hours of the call for service, or the rental that day is free.

If you visit a Sunbelt Rentals location to rent a guaranteed stocked item that is unavailable, we will provide free delivery from another location directly to your job site.

Quick response for emergency after-hours delivery or service calls is important. A local operational representative will respond to your after-hours call within 1 hour, or 1 day's rental is free.

Satisfaction . Delivery . Service . Availability . After-Hours Response



SPECIALTY DIVISIONS

Climate Control Services
800-892-8677 24/7

Facility Maintenance
800-508-4760 24/7

Flooring Solutions
844-723-4778

GSA Services
800-667-9328 24/7

Industrial Services
855-260-6726

Oil & Gas Services
877-687-1146 24/7

Pile Driving Services
800-223-8427

Pump & Power Services
800-736-2504 24/7

Remediation & Restoration
800-508-4760 24/7

Scaffold Services
866-784-1785



It is important that you wear all the manufacturer's recommended safety equipment, review all safe operation manuals and decals and observe all safety precautions when utilizing tools and operating equipment. Operator/User assumes all responsibility for the use, care and inspection of PPE (Personal Protective Equipment).

Note: The equipment listed in this catalog reflects the most current models and specifications available at the time of print. Equipment may vary at Sunbelt Rentals locations but with no compromise in performance or reliability.



GENERAL INFORMATION

RENTAL PROTECTION PLAN

The Rental Protection Plan ("RPP") is NOT an insurance policy. The RPP is an extended rental protection plan, for you or your company, to offset possible damages or theft that may occur during the equipment rental period. While the RPP is completely optional, it is recommended to maximize your total protection while renting equipment. The RPP can also cover gaps in your insurance coverage such as when the loss is within your insurance deductible or when the loss is greater than the deductible, but not large enough to make filing a claim in your best interest. Actual terms of the RPP are outlined in the rental contract.

THEFT PROTECTION

For equipment stolen, customer is only responsible for 10% of the manufacturer's suggested list price, up to a maximum of \$500.

In the case of theft of equipment, your responsibility is limited when you have paid for the RPP and comply with the rental contract, including filing a proper police report of the theft within 48-hours of discovery of theft. If the equipment is recovered at a later date, Sunbelt Rentals retains ownership. Without the RPP, if equipment is stolen from your job site, you are 100% responsible for replacing the equipment. Even if your insurance covers the stolen equipment, you will likely have to meet your deductible. With the RPP, your maximum responsibility for stolen equipment is 10% of the manufacturer's suggested list price, up to a maximum of \$500.

DAMAGE PROTECTION (incidental & accidental)

For the cost of repairs, the customer is only responsible for 10% of the cost of the repairs, up to a maximum of \$500.

The RPP can shield you, as the customer, against unexpected expenses that could result from damage during the use of rental equipment. Typically insurance does not cover the cost of repair or such repair cost is within your deductible amount.

TIRE PROTECTION

First \$50 of tire puncture repair costs are covered for each occurrence.

RENTAL LIABILITY

Customers are exempt from rental charges on damaged equipment covered by RPP while it is being repaired.

The RPP limits your responsibility for cost of repairs, as well as eliminating your liability for the rental amount normally charged during the period in which the equipment is repaired.

There are limitations to the RPP coverage which are clearly listed on the Rental Contract. Please refer to your contract or ask to speak to a manager if you have questions about the RPP. FOC-713R

ENVIRONMENTAL FEE

In order to meet the equipment needs of our valued customers, Sunbelt Rentals handles potentially hazardous materials like fuel, oil, cleaners, and batteries every day. Making sure those materials do not harm the environment is an important part of our continued efforts to be responsible members of the communities where we work and live. Proper management of these materials and their waste by-products is expensive, but we are committed to protecting the environment and our communities. As a result, Sunbelt Rentals spends millions of dollars annually on good practice solutions to prevent impacts to our environment and maintaining compliance with Federal, State and local regulations.

The environmental fee is NOT a government mandated tax or fee. The environmental fee is our fee designed to offset a wide range of environmental expenses (direct and indirect). Expenses may include waste disposal, construction/maintenance of cleaning facilities, acquisition of more fuel efficient equipment, labor costs, administrative costs, etc. This fee is not designed for any particular purpose or placed in an escrow account. It becomes part of Sunbelt Rentals' revenue and is used at our discretion. This fee is added to each piece of rental equipment identified as having a potential for environmental impact.

Without proper management, environmental impacts could occur as a result of cleaning the equipment after each rental, fuel handling, disposal of shop waste, and numerous other routine procedures. To minimize these impacts to the environment, Sunbelt Rentals implements procedures including containing our potentially hazardous materials, treating our wash bay run-off/waste, and proper disposal of oil, filters, tires, batteries, and shop waste.

FOC-713R

GSA Contract Holder

GSA Contract # GS-21F-0028T
Section 833 Qualified
FSC Group 51 V – Hardware Superstore
SIN's: 105-001 & 515-002
CCR Registered: Duns #: 101776490
CCR Registered: Cage Code: 1LCW3

Sunbelt Rentals, Inc. is a GSA contract holder on Schedule 51 V–Hardware Superstore. Sunbelt Rentals is committed to offering our federal government customers the best service in the rental industry. In order to ensure this high level of service we have established a team that is dedicated exclusively to your needs.

We offer a large portion of our rental fleet on our GSA schedule. Any equipment that is not on our GSA schedule is also available on an open market transaction basis.

The Sunbelt Rentals Government Support Team can be reached at **800-667-9328** or SBR4GOV@sunbeltrentals.com. Visit us online at www.sunbeltrentals.com/gsa.

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AERIAL WORK PLATFORMS

ATRIUM LIFTS

ATRIUM LIFTS provide outstanding reach in areas with limited or narrow access. They feature a lightweight, compact design that is easy to maneuver in tight spaces. Most models fit through a 32"W x 80"H door opening when fully retracted. Larger models will fit through a 40"W x 80"H door opening.

ReachMaster models:

- 4-stage booms plus double 20' jib arms with independent 180° articulation for unmatched versatility
- Multi-positioning outriggers with individual adjustment for working in confined spaces and around obstacles
- Self-propelled operation, with self-loading capability
- 24V battery powered, plus Honda gas generator to provide 110V power to the work platform and charge the batteries
- Connection to 110V power indoors charges the batteries and provides 110V power to the work platform

Teupen models:

- Track-mounted design provides low ground pressure (under 100 PSF) to protect sensitive surfaces such as carpet, marble, hardwood and glass
- Automatic, self-leveling outriggers
- Height and width adjustable, non-marking tracks
- Dual power options: 110V operation with onboard diesel generator



Teupen TL51A 51' Atrium Lift



JLG X770AJ 77' Atrium Lift



Reachmaster FS95 89' Atrium Lift



Make	Model	Platform Height	Horizontal Reach	Platform Capacity	Platform Size	Transport Dimensions	Power Source	Gradeability	Weight	Cat-Class
Teupen	TL35A	35'	20'	440 lbs.	36" x 38"	21'L x 31"W x 78"H	110V	26%	3,085 lbs.	058-0836
Teupen	TL51A	51'	25'	440 lbs.	36" x 28"	24'L x 31"W x 78"H	110V/17 HP diesel	36%	5,132 lbs.	058-0838
ReachMaster	BL72	66'	37'	440 lbs.	52" x 28"	17'L x 37"W x 78"H	15 HP gas	28%	6,600 lbs.	058-0839
Teupen	TL69A	69'	37'	440 lbs.	48" x 27"	20'L x 39"W x 78"H	110V/17 HP diesel	30%	6,967 lbs.	058-0839
JLG	X600AJ	59'	30'	500 lbs.	58" x 30"	16'L x 31"W x 79"H	72V/15 HP gas	36%	6,571 lbs.	058-0841
ReachMaster	FS95	89'	43'	440 lbs.	55" x 31"	21'L x 31"W x 78"H	24V/6.5 HP gas	18%	8,267 lbs.	058-0842
JLG	X770AJ	77'	43'	500 lbs.	58" x 30"	21'L x 39"W x 79"H	83V/21.6 HP diesel	40%	9,665 lbs.	058-0843
ReachMaster	FS105	99'	45'	440 lbs.	50" x 31"	24'L x 31"W x 78"H	24V/6.5 HP gas	18%	9,127 lbs.	058-0844
ReachMaster	FS138	132'	54'	440 lbs.	55" x 31"	27'L x 35"W x 78"H	110V	10%	17,600 lbs.	058-0846

AERIAL WORK PLATFORMS

SINGLE MANLIFTS—PUSH-TYPE, SELF-PROPELLED

PUSH-TYPE SINGLE MANLIFTS are electric vertical personnel lifts utilized to elevate a single worker (plus tools and materials) for performing general commercial and institutional maintenance. Compact designs allow moving units through standard doorways and operation in narrow corridors. All models (except IWP-25S) include outriggers for increased stability. All models operate on 12V battery power and include a 110V charger.



Straddle kits are available for push-type single manlifts that provide up to 55" vertical clearance for setting up over obstacles and stairwells. (Cat-Class 007-0050)



JLG 36AM 36' Push-type



Genie AWP-30S 30' Push-type



Make	Model	Platform Height	Platform Capacity	Platform Size	Stowed Height	Overall Dimensions	Weight	Cat-Class
Reachcraft	M20 ¹	14' 3"	350 lbs.	26" x 30"	69"	53"L x 30"W	278 lbs.	007-0031
Genie	AWP-20S	20'	350 lbs.	27" x 26"	78"	49"L x 29"W	767 lbs.	007-0031
JLG	20AM	20'	350 lbs.	26" x 26"	78"	47"L x 29"W	860 lbs.	007-0031
Genie	AWP-25S	25'	350 lbs.	27" x 26"	78"	52"L x 29"W	817 lbs.	007-0002
JLG	25AM	25'	350 lbs.	26" x 26"	78"	49"L x 29"W	905 lbs.	007-0002
Genie	AWP-30S	30'	350 lbs.	27" x 26"	78"	53"L x 29"W	867 lbs.	007-0003
JLG	30AM	30'	300 lbs.	26" x 26"	78"	52"L x 29"W	940 lbs.	007-0003
Genie	IWP-25S ²	24'	350 lbs.	27" x 26"	76"	60"L x 32"W	1,390 lbs.	007-0036
Genie	AWP-36S	36'	350 lbs.	27" x 26"	110"	55"L x 29"W	1,107 lbs.	007-0004
JLG	36AM	36'	300 lbs.	26" x 26"	104"	55"L x 29"W	1,160 lbs.	007-0004
Genie	AWP-40S	40'	300 lbs.	27" x 26"	110"	56"L x 29"W	1,130 lbs.	007-0035
JLG	41AM	41'	300 lbs.	26" x 26"	104"	58"L x 29"W	1,230 lbs.	007-0035

¹Optional hitch transport available by any vehicle with a 2" receiver hitch ²This model operates without outriggers, allowing operation in narrow corridors.

LOW-LEVEL ACCESS For light maintenance and facility work, low-level access satisfies your need for a safe, efficient and simple ladder alternative.

ECOLIFT offers an innovative lift/lower mechanism—is simple to use and gives operators the confidence to tackle low-level tasks like changing light bulbs, hanging décor or accessing HVAC ductwork. EcoLifts are power-free and have no oil, batteries or hydraulics, making them an eco-friendly, non-disruptive solution for sensitive environments.

LIFTPOD® personal portable lifts offer facility maintenance workers a secure platform and the ability to work 360 degrees with both hands at heights of up to 20 ft. The LiftPod can be assembled in just minutes, are extremely portable and feature a convenient tool tray. Easily rolls through standard single and double doors.



JLG ECOLIFT50



JLG FT140 14' LiftPod



Make	Model	Platform Height	Working Height	Platform Capacity	Platform Size	Stowed Height	Overall Dimensions	Weight	Cat-Class
JLG	ECOLIFT50	5'	10' 11"	330 lbs.	28" x 24"	61"	39"L x 28"W	397 lbs.	066-1050
JLG	ECOLIFT70	7'	13' 3"	330 lbs.	33" x 25"	76"	50"L x 28"W	672 lbs.	066-1070
JLG	FT70	7'	13'	330 lbs.	24" x 24"	65"	44"L x 30"W	208 lbs.	066-1075
JLG	FT140	14'	19' 6"	330 lbs.	24" x 24"	79"	58"L x 64"W	326 lbs.	066-1080

AERIAL WORK PLATFORMS

SINGLE MANLIFTS—SELF-PROPELLED

SELF-PROPELLED SINGLE MANLIFTS provide vertical access for one or two workers in a variety of indoor maintenance applications. Units are drivable from the platform, even when fully elevated. Non-marking tires are included to protect finished floors. Units operate on 12V or 24V DC and include a 110V charger.

- 12' to 20' platform heights
- Units are drivable from the platform

Genie® Runabout™ (GR™) lifts are compact, low-weight machines well suited for increasing productivity on the job. Efficient operation and convenient setup make the Runabout™ family models ideal for warehousing, stock-picking, transporting, inventory management, and general maintenance.

- Drivable at full height
- Compact and low-weight; fits in most passenger elevators
- Can be driven through doorways with operator on board
- Auxiliary platform lowering – enables descent in the event of a power failure

1230ES lifts are low maintenance, energy efficient and environmentally clean. Their lightweight design makes transport in freight elevators effortless. A longer running time than any lift in its class will keep you on the job longer and increase your productivity.

20MLV features five platform options with exclusive “Quick Change” mountings for one-minute change-outs. Exclusive Point & Go® single joystick control operates drive and steer, and lift and lower. Models also feature a rigid mast for operator comfort and stability.



Genie GR-20 20' Self-propelled



JLG 1230ES 12' Self-propelled



JLG 20MLV 20' Self-propelled



Make	Model	Platform Height	Platform Capacity	Platform Size	Stowed Height	Overall Dimensions	Weight	Cat-Class
Genie	GR-12 ²	12'	500 lbs.	35" x 30"	62"	53"L x 30"W	1,581 lbs.	007-0039
Genie	GRC-12 ¹	12'	500 lbs.	35" x 30"	67"	54"L x 30"W	1,916 lbs.	007-0039
JLG	1230ES	12'	500 lbs.	50" x 27"	65"	54"L x 30"W	1,775 lbs.	007-0039
Upright	TM-12	12'	500 lbs.	41" x 30"	65"	54"L x 30"W	1,700 lbs.	007-0039
Genie	GR-15	15'	500 lbs.	35" x 30"	62"	53"L x 30"W	2,192 lbs.	007-0043
Genie	GR-20 ²	20'	350 lbs.	35" x 30"	78"	53"L x 32"W	2,451 lbs.	007-0030
JLG	20MLV	20'	350 lbs.	28" x 26"	78"	54"L x 30"W	2,325 lbs.	007-0030
JLG	20DVL	20'	350 lbs.	26" x 26"	78"	54"L x 30"W	2,451 lbs.	007-0030

¹Genie GRC-12 is a contractor model with a 16" deck extension and built-in tool trays. ²These models are also available with a 20" deck extension.

AERIAL WORK PLATFORMS

SCISSOR LIFTS—ELECTRIC

ELECTRIC SCISSOR LIFTS are utilized where less reach and height but more workspace and lifting capacity are required. They are designed to provide larger platform work areas and generally allow for heavier loads than most boom lifts. Scissor lifts may be maneuvered in a manner similar to manlifts, but the platform may be raised only vertically.

- 10' to 40' platform heights
- 110V receptacle at platform for powering electric tools
- Manual platform extensions increase platform work areas
- 24V or 48V DC power source with standard 110V recharging
- Tire covers are available
- UL™ EE Rating is available on most models



Hy-Brid HB1430 S2
14' Hy-Brid Scissor Lift



JLG 1930ES
19' Electric Scissor Lift



Genie GS-3246 32' Electric Scissor Lift



JLG 2630 ES 26' Electric Scissor Lift



Make	Model	Platform Height	Retracted Height	Platform Capacity	Platform Size	Platform Extension	Overall Dimensions	Power Source	Weight	Cat-Class
Hy-Brid	HB1030 S2	10'	66"	750 lbs.	60" x 25"	30"	64"L x 30"W	24V DC	1,273 lbs.	007-0006
Hy-Brid	HB1230 S2	12'	64"	550 lbs.	53" x 25"	30"	56"L x 30"W	24V DC	1,670 lbs.	007-0006
Hy-Brid	HB1430 S2	14'	70"	670 lbs.	60" x 25"	30"	70"L x 30"W	24V DC	1,645 lbs.	007-0006
Genie	GS-1530	15'	76"	500 lbs.	64" x 29"	39"	72"L x 30"W	24V DC	2,658 lbs.	007-0005
Genie	GS-1930	19'	78"	500 lbs.	64" x 29"	39"	72"L x 30"W	24V DC	2,956 lbs.	007-0025
JLG	1930ES	19'	77"	500 lbs.	74" x 30"	36"	74"L x 30"W	24V DC	2,750 lbs.	007-0025
JLG	1932E2	19'	80"	500 lbs.	64" x 31"	36"	69"L x 32"W	24V DC	2,620 lbs.	007-0025
Skyjack	SJIII 3219	19'	65"	550 lbs.	64" x 26"	36"	70"L x 32"W	24V DC	2,580 lbs.	007-0025
Genie	GS-2032	20'	78"	800 lbs.	89" x 31"	39"	96"L x 32"W	24V DC	3,503 lbs.	007-0008
JLG	2030ES	20'	87"	800 lbs.	91" x 30"	36"	91"L x 30"W	24V DC	3,750 lbs.	007-0008
JLG	2032E2	20'	80"	750 lbs.	84" x 31"	36"	86"L x 32"W	24V DC	3,910 lbs.	007-0008
Skyjack	SJIII 3220	20'	64"	900 lbs.	84" x 28"	36"	92"L x 32"W	24V DC	3,510 lbs.	007-0008
Genie	GS-2632	26'	68"	500 lbs.	89" x 31"	39"	96"L x 32"W	24V DC	5,150 lbs.	007-0011
Genie	GS-2646	26'	89"	1,000 lbs.	89" x 46"	39"	96"L x 46"W	24V DC	4,530 lbs.	007-0010
JLG	2630ES	26'	92"	500 lbs.	91" x 30"	36"	91"L x 30"W	24V DC	4,750 lbs.	007-0011
JLG	2632E2	26'	80"	500 lbs.	84" x 31"	36"	92"L x 32"W	24V DC	5,325 lbs.	007-0011
JLG	2646E2	26'	72"	750 lbs.	84" x 45"	36"	89"L x 46"W	24V DC	4,380 lbs.	007-0010
JLG	2646ES	26'	78"	1,000 lbs.	99" x 44"	50"	99"L x 46"W	24V DC	4,770 lbs.	007-0010
Skyjack	SJIII 3226	26'	71"	500 lbs.	84" x 28"	36"	92"L x 32"W	24V DC	4,135 lbs.	007-0011
Genie	GS-3232	32'	75"	500 lbs.	89" x 32"	36"	96"L x 32"W	24V DC	5,185 lbs.	007-0029
Genie	GS-3246	32'	95"	700 lbs.	89" x 46"	39"	96"L x 46"W	24V DC	6,172 lbs.	007-0028
Genie	GS-3268 DC	32'	72"	1,000 lbs.	99" x 61"	60"	107"L x 68"W	48V DC	8,010 lbs.	007-0014
Skyjack	SJIII 4632	32'	74"	700 lbs.	84" x 42"	48"	91"L x 46"W	24V DC	5,075 lbs.	007-0028
JLG	3246ES	32'	78"	700 lbs.	99" x 44"	50"	99"L x 46"W	24V DC	4,780 lbs.	007-0028
JLG	3369LE	33'	111"	800 lbs.	115" x 65"	36"	122"L x 69"W	48V DC	9,760 lbs.	007-0014
JLG	4069LE	40'	111"	800 lbs.	115" x 65"	36"	122"L x 69"W	48V DC	10,720 lbs.	007-0015



PIONEERING PERFORMANCE

Scissor Lifts and Boom Lifts

Our latest booms, lifts and more are pioneering technologies in many new applications — from powerful hybrid AC drive, 40ft narrow indoor maintenance or even up 180 ft.

genielift.com

Genie
A TEREX BRAND


SUNBELT
RENTALS

AERIAL WORK PLATFORMS

SCISSOR LIFTS—ROUGH TERRAIN

ROUGH TERRAIN SCISSOR LIFTS provide the ruggedness to perform in tough job site conditions where operation on unpaved surfaces is required. Models of rough terrain scissor lifts are available with platform heights up to 53'. Dual fuel (gas and propane), diesel and hybrid battery power options are available.

- 26' to 53' platform heights
- Lifts are equipped with high-flotation tires
- 4-wheel drive provides excellent traction and gradeability
- Manual deck extensions increase platform work areas
- Hydraulic outriggers for added stability are available on most models
- Hybrid models offer battery power, on-board generator or "Shore Power" plug-in for charging, non-marking foam filled grip lug tires, and full rough terrain capability



Skyjack SJ 6832 32' RT Scissor Lift



Genie GS-4390 RT 43' RT Scissor Lift



JLG 4394RT 43' RT Scissor Lift



Make	Model	Platform Height	Retracted Height	Platform Capacity	Platform Size	Platform Extension	Overall Dimensions	Grade-ability	Weight	Cat-Class
Genie	GS-2668RT	26'	67"	1,250 lbs.	99" x 61"	60"	8' 9"L x 68"W	35%	6,373 lbs.	007-0253/255
Genie	GS-2669RT	26'	76"	1,500 lbs.	110" x 63"	60"	10' 3"L x 69"W	40%	7,295 lbs.	007-0253/255
JLG	260MRT	• 26'	94"	1,250 lbs.	102" x 65"	48"	8' 9"L x 69"W	35%	7,295 lbs.	007-0253/255
Skyjack	SJ 6826RT	• 26'	64"	1,250 lbs.	96" x 56"	60"	8' 11"L x 68"W	50%	6,400 lbs.	007-0253/255
Genie	GS-2669 BE Hybrid ²	26'	74"	1,500 lbs.	110" x 63"	60"	10' 3"L x 69"W	35%	8,290 lbs.	007-0253
Genie	GS-3268RT	• 32'	72"	1,000 lbs.	99" x 51"	60"	8' 9"L x 68"W	30%	8,008 lbs.	007-0303/305
Skyjack	SJ 6832RT ¹	• 32'	69"	1,000 lbs.	96" x 56"	60"	8' 11"L x 68"W	40%	7,660 lbs.	007-0303/305
Skyjack	SJ 6832RTE	32'	69"	1,000 lbs.	96" x 56"	60"	107" x 70"W	N/A	7,885 lbs.	007-0305
Genie	GS-3369RT ¹	• 33'	76"	1,000 lbs.	110" x 63"	60"	12' 4" x 69"W	35%	8,560 lbs.	007-0303/305
Genie	GS-3384RT ¹	• 33'	79"	2,500 lbs.	157" x 72"	60"	12' 11"L x 84"W	50%	12,005 lbs.	007-0303/305
Genie	GS-3390RT ¹	• 33'	80"	2,500 lbs.	210" x 72"	60"	16'L x 90"W	50%	13,760 lbs.	007-0303/305
JLG	3394RT ¹	• 33'	78"	2,250 lbs.	150" x 86"	48"	12' 8"L x 94"W	45%	11,910 lbs.	007-0303/305
Genie	GS-3369 BE Hybrid ²	33'	74"	1,000 lbs.	110" x 63"	60"	10' 3"L x 69"W	35%	8,030 lbs.	007-0305
Skyjack	SJ 7135RT ¹	• 35'	84"	1,000 lbs.	117" x 64"	54"	10' 7"L x 71"W	30%	9,120 lbs.	007-0303/305
Genie	GS-4069RT ¹	• 40'	82"	800 lbs.	110" x 63"	60"	12' 4" x 69"W	35%	11,110 lbs.	007-0403/405
Genie	GS-4069 BE Hybrid ²	40'	82"	750 lbs.	110" x 63"	60"	10' 3"L x 69"W	35%	11,150 lbs.	007-0305
Skyjack	SJ 8841 ¹	• 41'	88"	1,500 lbs.	134" x 67"	48"	13' 7"L x 87"W	30%	13,609 lbs.	007-0403/405
Genie	GS-4390RT ¹	• 43'	89"	1,500 lbs.	210" x 72"	60"	16'L x 90"W	50%	14,642 lbs.	007-0403/405
JLG	4394RT	• 43'	86"	1,500 lbs.	150" x 86"	48"	12' 8"L x 94"W	45%	15,300 lbs.	007-0403/405
Skyjack	SJ 9250 ¹	50'	90"	2,000 lbs.	168" x 74"	60"	14' 8"L x 92"W	30%	14,970 lbs.	007-0505
Genie	GS-5390RT ¹	53'	97"	1,500 lbs.	210" x 72"	60"	16'L x 90"W	50%	16,698 lbs.	007-0505

Note: • Diesel or dual fuel ¹ Models available with automatic leveling hydraulic outriggers. ² Battery on-board generator for charging

AERIAL WORK PLATFORMS

ARTICULATING MANLIFTS—ELECTRIC

ELECTRIC ARTICULATING MANLIFTS are used primarily on indoor and slab applications for reaching up and over machinery, equipment and other obstacles. Platform heights up to 45' are available. All models feature 2WD operation, are drivable at full elevation and have narrow chassis widths (except 60' model) to provide access to industrial aisles and congested work areas. Zero or minimal tailswing enhances operation in confined areas.

- 30' to 60' platform heights
- Non-marking industrial tires protect finished surfaces
- 48V power source with 110V recharging
- Models with "J" designations include articulating jibs for added versatility
- 60' model includes an onboard, diesel-driven generator set



Genie Z-40/23NRJ 40' Electric Articulating Manlift



JLG E400AJPN 40' Electric Articulating Manlift



Make	Model	Platform Height	Horizontal Outreach	Up & Over Height	Platform Capacity	Platform Size	Gradeability	Overall Dimensions	Stowed Height	Weight	Cat-Class
Genie	Z-30/20N	30'	21' 5"	12' 8"	500 lbs.	48" x 30"	35%	16' 9"L x 47"W	79"	14,220 lbs.	058-0300
Genie	Z-30/20NRJ	30'	20' 6"	12' 8"	500 lbs.	48" x 30"	35%	17' 5"L x 47"W	79"	14,600 lbs.	058-0301
JLG	E300AJ	30'	20'	13' 1"	500 lbs.	48" x 30"	25%	18'L x 48"W	79"	14,600 lbs.	058-0300
JLG	E300AJPN	30'	20' 6"	13' 1"	500 lbs.	48" x 30"	25%	18' 8"L x 48"W	79"	15,100 lbs.	058-0301
Genie	Z-34/22N	34'	22' 3"	15' 3"	500 lbs.	56" x 30"	35%	18' 9"L x 58"W	79"	11,400 lbs.	058-0318
Genie	Z-40/23N	40'	22' 8"	21' 3"	500 lbs.	56" x 30"	30%	21' 5"L x 59"W	78"	15,230 lbs.	058-0435
Genie	Z-40/23NRJ	40'	22' 8"	21' 3"	500 lbs.	56" x 30"	30%	21' 5"L x 59"W	78"	15,300 lbs.	058-0435
JLG	E400AJPN	40'	22' 5"	21' 6"	500 lbs.	48" x 30"	30%	22'L x 59"W	78"	14,900 lbs.	058-0435
JLG	E400AN	40'	21' 2"	21' 6"	500 lbs.	48" x 30"	30%	18' 1"L x 59"W	78"	13,100 lbs.	058-0434
Genie	Z-45/25DC	45'	24' 6"	22' 6"	500 lbs.	72" x 30"	30%	18'L x 69"W	79"	15,900 lbs.	058-0445
Genie	Z-45/25J DC	45'	25' 1"	23' 9"	500 lbs.	72" x 30"	30%	22' 5"L x 69"W	79"	16,300 lbs.	058-0440
JLG	E450A	45'	23' 1"	24' 7"	500 lbs.	60" x 30"	30%	19' 1"L x 69"W	78"	12,600 lbs.	058-0445
JLG	E450AJ	45'	23' 9"	25' 3"	500 lbs.	60" x 30"	30%	21' 2"L x 69"W	79"	14,400 lbs.	058-0440
JLG	M600JP	60'	43' 3"	26' 6"	500 lbs.	72" x 30"	30%	30' 9"L x 95"W	100"	15,200 lbs.	058-0610



SECONDARY GUARDING

Boom Lifts



Sunbelt Rentals is a leading provider of JLG boom lifts equipped with the SkyGuard® secondary operator protection accessory. SkyGuard offers operators greater control panel protection and is the only one of its kind to include reverse functionality. To further enhance operator safety, Sunbelt Rentals also offers operator training classes to help keep employees and working environments free from harm.



www.jlg.com

AERIAL WORK PLATFORMS

ARTICULATING MANLIFTS—ENGINE-DRIVEN

ENGINE-DRIVEN ARTICULATING MANLIFTS allow reaching up and over machinery and other obstacles, plus reaching other elevated positions not easily approached by a straight boom manlift. The boom can be raised or lowered from vertical to below horizontal and extended while the work platform remains horizontal and stable. Lifts can be driven forward or backward and steered in any direction from the work platform.

- 34' to 135' platform heights
- 4-wheel drive provides excellent traction and gradeability
- Models with "J" designations include articulating jibs for added versatility



Genie Z-45/25JRT 45' Articulating Manlift



Genie Z-80/60JRT 4wd 80' Articulating Manlift



JLG 1250AJP 125' Articulating Manlift



Make	Model	Platform Height	Horizontal Reach	Up & Over Height	Platform Capacity*	Platform Size	Overall Width	Stowed Height	Grade-ability	Weight	Cat-Class
JLG	340AJ 4WD	34'	19' 11"	7"	500 lbs.	60" x 30"	76"	79"	45%	9,700 lbs.	058-0342/343
Genie	Z-34/22IC 4WD	34'	22' 3"	15' 1"	500 lbs.	56" x 30"	73"	79"	45%	10,450 lbs.	058-0343
Genie	Z-45/25RT 4WD	45'	25'	23' 6"	500 lbs.	72" x 30"	90"	81"	45%	13,790 lbs.	058-0455
Genie	Z-45/25JRT 4WD	45'	25' 1"	24' 2"	500 lbs.	72" x 30"	90"	81"	45%	14,550 lbs.	058-0457
JLG	450A 4WD	45'	24' 6"	25' 2"	500 lbs.	72" x 30"	78"	89"	45%	14,500 lbs.	058-0455
JLG	450AJ 4WD	45'	24' 6"	25' 2"	500 lbs.	72" x 30"	78"	89"	45%	16,500 lbs.	058-0457
SkyJack	SJ46AJ	46'	24' 9"	24' 5"	500 lbs.	72" x 30"	90"	82"	45%	13,300 lbs.	058-0457
Genie	Z-60/34JRT 4WD	60'	34'	28'	500 lbs.	72" x 30"	97"	106"	45%	22,520 lbs.	058-0607
JLG	600A DF 4WD	60'	39' 7"	26' 7"	1,000/500 lbs.	96" x 36"	96"	100"	45%	22,000 lbs.	058-0605
JLG	600AJ 4WD	60'	38' 9"	26' 6"	500 lbs.	96" x 36"	96"	100"	45%	22,200 lbs.	058-0607
SkyJack	SJ63AJ	63'	40'	27' 6"	500 lbs.	96" x 36"	96"	100"	45%	21,200 lbs.	058-0607
Genie	Z-80/60JRT 4WD	80'	60'	29'	500 lbs.	96" x 36"	98"	118"	45%	37,500 lbs.	058-0803
JLG	800A 4WD	80'	53'	32' 1"	1,000/500 lbs.	96" x 36"	96"	118"	45%	34,300 lbs.	058-0803
JLG	800AJ 4WD	80'	51' 10"	32' 1"	500 lbs.	96" x 36"	96"	118"	45%	34,300 lbs.	058-0803
JLG	1250AJP	125'	63' 2"	60' 6"	1,000/500 lbs.	96" x 36"	98"	120"	45%	44,000 lbs.	058-0870
Genie	Z-135/70 4WD	135'	59' 2"	75' 6"	600 lbs.	96" x 30"	97"	121"	45%	44,900 lbs.	058-0865/880

*Restricted/Unrestricted Platform Capacities.

AERIAL WORK PLATFORMS

STRAIGHT BOOM MANLIFTS

STRAIGHT BOOM MANLIFTS are ideal for applications that require extended reach capability. Models ranging from 40' to 185' platform heights are available, with both dual fuel (gas and propane) and diesel power options.

- Genie S-60/65 and JLG 660SC/SJC utilize tracks instead of wheels, allowing for operation on rough terrain



Genie S-65 Trax 65' Straight Boom Manlift



JLG 600S 60' Straight Boom Manlift



Genie S-45 D 4wd 45' Straight Boom Manlift



JLG 1350SJP 135' Straight Boom Manlift



Make	Model	Platform Height	Horizontal Reach	Platform Capacity*	Platform Size	Transport Width	Gradeability	Weight	Cat-Class
Genie	S-40 4WD	40'	31' 8"	500 lbs.	96" x 36"	90"	40%	11,650 lbs.	058-0424
JLG	400S D 4WD	40'	34' 1"	1,000/500 lbs.	96" x 36"	91"	45%	12,525 lbs.	058-0424
SkyJack	SJ40T	40'	34'	650 lbs.	96" x 36"	90"	50%	13,960 lbs.	058-0424
Genie	S-45 D 4WD	45'	36' 8"	500 lbs.	96" x 36"	90"	40%	14,790 lbs.	058-0426
SkyJack	SJ45T	45'	39' 9"	500 lbs.	96" x 36"	90"	50%	14,830 lbs.	058-0426
JLG	460SJ D 4WD	46'	40' 6"	500 lbs.	96" x 36"	91"	45%	15,855 lbs.	058-0426
Genie	S-60 D 4WD	60'	50' 10"	500 lbs.	96" x 36"	98"	45%	21,380 lbs.	058-0624
JLG	600S D 4WD	60'	49' 6"	1,000/500 lbs.	96" x 36"	95"	45%	25,100 lbs.	058-0624
JLG	600SJ D 4WD	60'	50' 5"	500 lbs.	96" x 36"	95"	45%	26,300 lbs.	058-0626
Genie	S-60 Trax ¹	60'	50' 10"	1,000 lbs.	96" x 36"	100"	45%	25,430 lbs.	058-0626
JLG	600SC	60'	49' 6"	1,000/500 lbs.	96" x 36"	98"	55%	22,500 lbs.	058-0628
SkyJack	SJ61T	61'	51' 3"	500 lbs.	96" x 36"	96"	50%	23,400 lbs.	058-0626
Genie	S-65 D 4WD	65'	56' 2"	500 lbs.	96" x 36"	98"	45%	24,720 lbs.	058-0626
Genie	S-65 Trax ¹	65'	56' 2"	500 lbs.	96" x 36"	100"	45%	26,960 lbs.	058-0630
SkyJack	SJ66T	66'	57'	500 lbs.	96" x 36"	96"	50%	26,700 lbs.	058-0626
JLG	660SJC ¹	66'	56' 9"	500 lbs.	96" x 36"	98"	55%	27,100 lbs.	058-0630
Genie	S-80 D 4WD	80'	72' 5"	500 lbs.	96" x 36"	96"	45%	33,380 lbs.	058-0822
JLG	800S D 4WD	80'	71'	1,000/500 lbs.	96" x 36"	98"	45%	33,200 lbs.	058-0822
Genie	S-85 D 4WD	85'	77' 5"	500 lbs.	96" x 36"	96"	45%	35,860 lbs.	058-0823
JLG	860SJ 4WD	86'	75'	750/500 lbs.	96" x 36"	98"	45%	36,400 lbs.	058-0823
Genie	S-120 4WD	120'	75'	750 lbs.	96" x 36"	98"	40%	44,340 lbs.	058-0850
JLG	1200SJP	120'	75'	1,000/500 lbs.	96" x 36"	98"	45%	40,900 lbs.	058-0850
Genie	S-125 4WD	125'	80'	500 lbs.	96" x 36"	98"	40%	44,640 lbs.	058-0855
JLG	1350SJP	135'	80'	1,000/500 lbs.	96" x 36"	98"	45%	45,000 lbs.	058-0865
JLG	1500SJP	150'	80'	1,000/500 lbs.	96" x 36"	98"	40%	48,000 lbs.	058-0867
JLG	SX-180	180'	80'	750 lbs.	96" x 36"	98"	35%	55,000 lbs.	058-0868
JLG	1850SJ	185'	80'	1,000/500 lbs.	96" x 36"	98"	40%	60,300 lbs.	058-0868

*Restricted/Unrestricted Platform Capacities. ¹Tracks in place of wheels

AERIAL WORK PLATFORMS

TOWABLE MANLIFTS

TOWABLE MANLIFTS provide the same reach capabilities as self-propelled articulating manlifts and are ideal for electricians, painters and other contractors that work at multiple job locations. All models include a 110V AC receptacle at the platform for powering small electric tools.

- 34' and 50' platform heights
- Easy towing with 60 MPH highway rating
- Electric, gas and bi-fuel power options
- Fast setup with adjustable outriggers and automatic leveling



Boom folds down onto trailer for easy highway towing.



JLG T350

35' Towable Manlift, 24V DC



Genie TZ-50 DC

50' Towable Manlift, 24V DC



Make	Model	Platform Height	Horizontal Reach	Up & Over Height	Platform Capacity	Platform Size	Overall Dimensions	Stowed Height	Power Source	Weight	Cat-Class
Genie	TZ-34/20 DC	34'	18' 4"	16' 1"	500 lbs.	44" x 27"	18'L x 57"W	77"	24V DC	3,155 lbs.	058-0045
JLG	T350	34' 5"	20' 2"	15'	500 lbs.	48" x 30"	20' 11"L x 57"W	78"	24V DC	3,400 lbs.	058-0045
Genie	TZ-50 DC	50'	29' 2"	22'	500 lbs.	44" x 27"	23' 6"L x 66"W	82"	24V DC	4,400 lbs.	058-0049
Genie	TZ-50 Hybrid ¹	50'	29' 2"	22'	500 lbs.	44" x 27"	23' 6"L x 66"W	82"	Hybrid	4,600 lbs.	058-0049
JLG	T500J	50'	31' 6"	18'	500 lbs.	48" x 30"	26' 10"L x 67"W	78"	24V DC	4,800 lbs.	058-0049
JLG	T500JG	50'	31' 6"	18'	500 lbs.	48" x 30"	26' 10"L x 67"W	78"	9 HP gas	4,800 lbs.	058-0049

¹Hybrid model with a Honda 5.5 HP gas generator to charge the batteries in remote locations.

AIR COMPRESSORS

COMPRESSED AIR BASICS

AIR TYPES

Standard Compressed Air (Oil-Flooded)

- Hot (Heat of compression is approximately 110°F over ambient)
- Wet (Humidity in ambient air is sent downstream)
- Oily (Oil-flooded compressors will pass oil downstream)

Instrument-Quality (IQ) Compressed Air

- Oil-flooded air with after-treatment
- After-cooled (15–25° of ambient)
- Filtered (.01 micron and .01 PPM remaining oil content)
- 99.99% of all impurities are removed
- Cleanest compressed air available

Oil-Free Compressed Air (Dry Screw)

- No oil utilized in the compression cycle
- After-cooled (25° of ambient)
- Minimal filtration (filtered to 25 microns)
- Not cost effective and not needed for compressing air

GLOSSARY

Ambient Air—the air surrounding you.

Aftercoolers—heat exchanger that cools discharged air from the compressor (provides the most effective means of removing moisture from compressed air; approximately 70% of water is removed).

Air-Cooled Compressors—atmospheric air is circulated around to cool the unit and/or the compressed air.

Air End—compression chamber where air is compressed.

Approach Temperature—temperature above ambient.

Boosters—increase air pressure (usually four times inlet PSI).

Boss Hose Fitting—threaded fitting to connect hose from compressor or extend the length of hose used to flow gases.

Chicago Fitting—(crows foot) 1/4 turn fitting that can connect hose to the compressor or extend the length of hose used to flow gases.

CFM—cubic feet per minute.

Centrifugal Compressors—compression of air/gas through turning impellers.

Condensate—liquid discharged from compressor and/or air treatment equipment.

Dew Point—temperature that moisture changes from vapor to liquid.

Dew Point Suppression—temperature below ambient.

Dynamic-Type Compressors—air or gas is

compressed by rotating vanes or impellers.

Filters—devices that separate and/or remove undesired liquids and particulates from compressed air.

High-Pressure Air—compressed air above 150 PSI.

Instrument-Quality (IQ) Air—treated compressed air from an oil-flooded compressor (after-cooled, filtered).

Low-Pressure Air—compressed air 150 PSI or lower.

Multicasting Compressors—one motor can run two or more compression chambers.

Multistage Compressor—compressor with two or more stages.

Microns—measurement used to define particulates in the air stream (one micron equals one millionth of a meter, about one-eighth the thickness of one human hair).

Oil-Flooded Air—compressed air produced by a lubricated air end.

Oil-Free Air—compressed air produced by a dry air end.

Oil Separator—device used in an oil-flooded system to recycle oil back to the air end.

OSHA Valve—valve used to depressurize a system when pressure drop is noticed.

PSI—pounds per square inch, unit for pressure of compressed air.

Particulates—any solid material, such as dirt, rust, weld fines, pollen, etc., in the air stream.

PPM—parts per million, measurement of the oil present in compressed air.

Receivers—tanks used to store compressed air and help dampen discharge line pulsations.

Reciprocating Compressor—a piston in a cylinder producing compression.

SCFM—standard cubic feet per minute.

Standard Air—air at a temperature of 68°F, 14.70 PSI atmospheric pressure and relative humidity of 36% (per ASME). In the gas industry, temperature is 60°F.

Standard Compressed Air—untreated compressed air from an oil-flooded system (not after-cooled or filtered).

Rotary Compressors—compression is produced by the positive action of rotating elements.

Two-Stage Compressors—two-compression chambers (initial to intermediate) with one air discharge.

Whipcheck—safety cable used to restrain air hoses if an end breaks.

RULES OF THUMB

1. For every 20° that compressed air drops in temperature, half of the water vapor will change to liquid.
2. A 1,000 CFM air compressor can produce 55 gallons of water in 24 hours of straight run time.
3. 1,800 CFM at 100 PSI is approximately the maximum amount of air that can pass through a 3-inch hose.
4. For electric air compressors, multiplying the horsepower times four will give you the approximate CFM.
5. As the pressure increases, the CFM decreases. Conversely, as the pressure decreases, the CFM increases.
6. All electric air compressors have built-in aftercoolers.

QUESTIONS TO ASK

1. What are the CFM and PSI requirements?
2. What type of compressor is needed?
 - a. Diesel (standard, I-Q or oil-free)
 - b. Electric
3. What quality of air is required?
 - a. Particulates (what micron?)
 - b. Moisture (dew point)
 - c. Oil content (PPM)
4. What is the application?
5. What type and size air connections will we pipe to?
 - a. Pipe thread
 - b. Flange
 - c. Boss
 - d. Chicago (crows feet), etc.
6. What type and size connections do we need on the compressor? (match hose fittings with compressors)
 - a. Mpt, fpt
 - b. Boss
 - c. Chicago (crows feet)
 - d. Flange, etc.
7. What is the distance from the compressor to the process connection? (How many hose lengths and whipchecks will be needed?)
8. Do you need low ambient (below 35°F) protection?
9. How much room do you have to place the equipment? (Compare to the overall dimensions of the selected equipment.)
10. Is after treatment (after-cooler separators, dryers or filters) needed?

AIR COMPRESSORS

COMPRESSED AIR BASICS

AIR TREATMENT PACKAGES

Aftercooler/Separators (air or electric driven)

- Reduce compressed air temperature (10-20° approach)
- Remove 70% of the water
- 450 to 3,500 CFM capacity (high pressure available)

Aftercooler/Filter Packages (air driven)

- Reduce compressed air temperature (10-15° approach)
- Remove 80% of the water
- Filter particulates to .01 micro
- Remaining oil content = .01 PPM
- 450 to 1,600 CFM capacity (high pressure available)
- Makes a standard air compressor an IQ compressor

Membrane Dryer/Aftercoolers (air driven)

- Reduce compressed air temperature (10° approach)
- Reduce dew point to 60° suppression
- Filter particulates to .01 micron
- Remaining oil content = .01 PPM
- 185 to 500 CFM capacity

Refrigerated Dryer Packages (230/460V 3-phase electric)

- Remove moisture content to 38° dew point
- Max inlet temperature 120°F
- 150 to 20,000 CFM capacity



Desiccant Dryer Packages (115V)

- Remove moisture content -40° or -100° dew point
- Filter particulates to .01 micron
- Remaining oil content = .01 PPM
- Max inlet temperature 120°F
- 45 to 5,400 CFM capacity (high pressure available)

Aftercooler/Dryer/Filter Packages (115V or 12/24V dc)

- Remove moisture content -40° or -100° point
- Filter particulates to .01 micron
- Remaining oil content .01 PPM
- 260 to 1,550 CFM capacity (high pressure available)
- Connect to a standard air compressor

Custom Filter Packages: Per customer request (ISO)

- Particulate removal (micron)
- Oil removal (PPM), Oil vapor removal (PPM)
- Separator/filters, Air line filters
- Combinations of any of the above filters
- Max temperature 120°F
- High pressure available

ISO 8573.1 QUALITY CLASSES

Quality Classes	Solids (max particle size in microns)	Moisture Dew Point		Oil Liquid & Gas	
		°C	°F	mg/m3	PPM w/w
0		Exceeds Class 1			
1	0.1	-70	-94	0.01	0.008
2	1	-40	-40	0.1	0.08
3	5	-20	-4	1	0.8
4	15	3	38	5	4
5	40	7	45	>5	>4
6	—	10	50	—	—

TYPICAL COMPRESSED AIR APPLICATIONS

Applications	Compressed Air Type			
	Filtered & Dried	Instrument-Quality	Standard	High-Pressure
Chemical Plants	Preferred			
Critical Instrument Air	Preferred			
Electronics	Preferred			
Food and Drug (packaging)	Preferred			
Metalworking Plants	Preferred	Good		
Paper Mills	Preferred	Good		
Pharmaceuticals	Preferred	Good		
Refineries	Preferred			
Snowmaking	Preferred	Good		
Textiles	Preferred	Good		
General Industrial/Manufacturing		Preferred	Good	
Instrument Air	Preferred	Preferred		
Shipyards		Preferred	Good	
Painting & Blasting		Preferred		
Demolition Tools			Preferred	
General Construction			Preferred	
Catalytic Regeneration (gasoline and refined oils)				Preferred
Drilling (down-the-hole rock and oil)				Preferred
Nitrogen Membrane Separation				Preferred
PET (bottle blowing)				Preferred
Soot Blowing (utilities with coal fired furnaces)				Preferred

AIR COMPRESSORS

PORTABLE, TOWABLE

PORTABLE AIR COMPRESSORS are commercial grade units designed for the rigorous demands of the construction industry. They are ideal for powering all types of small air tools. Electric and gas-powered models are available in several sizes and mounting types. All models include a pressure regulator and receiver tank(s).

- Easy to operate and maintain
- 0–125 PSI pressure settings
- Efficient design for maximum air output
- Rugged cast iron construction for reliability
- Hand carry, wheeled and stationary types available



Mi-T-M 2 HP Electric
Hand Carry Type



Mi-T-M 5.5 HP Gas
Wheelbarrow Type



Jenny 1.5 HP Electric
Wheelbarrow Type



Jenny 8 HP Gas
Cart Type



	Make	Model	Type	HP	CFM*	Air Tank	Weight	Cat-Class
TF	Jenny	AM780-HC4V	Electric Hand Carry	2	4.1	4 gal.	60 lbs.	003-0010
TF	Mi-T-M	AC1-HE02-05M1	Electric Hand Carry	2	4.1	5 gal.	56 lbs.	003-0010
TF	Jenny	AM840-4HG-HC4V	Gas Hand Carry	4	4.7	4 gal.	69 lbs.	003-0015
TF	Mi-T-M	AC1-HH04-05M	Gas Hand Carry	4	4.4	5 gal.	79 lbs.	003-0015
TF	Jenny	K15A-8P	Electric Wheelbarrow	1.5	6.5	8 gal.	175 lbs.	003-0020
TF	Mi-T-M	AC1-PE15-08M	Electric Wheelbarrow	1.5	6.5	8 gal.	170 lbs.	003-0020
TF	Jenny	K5HGA-8P	Gas Wheelbarrow	5.5	8.9	8 gal.	175 lbs.	003-0025
TF	Mi-T-M	AC1-PH55-08M	Gas Wheelbarrow	5.5	9.0	8 gal.	175 lbs.	003-0025
TF	Jenny	G8HGA-17P	Gas Cart	8	16.2	17 gal.	250 lbs.	003-0045
	Mi-T-M	AS2-SH08-30M	Electric Stationary	8	17.2	30 gal.	317 lbs.	003-0040

*CFM rating is at 100 PSI rated output, except Mi-T-M AS2-SH08-30M, which is at 175 PSI rated output.

TOWABLE AIR COMPRESSORS are designed for the rugged demands of contractors in numerous applications, including demolition, road and bridge building, sandblasting and general construction work. They feature single-axle trailer mounting for towing at speeds up to 55 MPH. Diesel-driven models ranging from 90 CFM to 375 CFM are available. Smaller models include two 3/4" discharge outlets; 375 CFM models include one 1-1/4" outlet.



Doosan C185 185 CFM Towable



Doosan 375 CFM Towable



Sullivan-Palatek D185P 185 CFM Towable



Make	Model	CFM	Rated Pressure	Pressure Range	HP	Overall Dimensions	Weight	Cat-Class
Doosan	P90WIR	90	100 PSI	80-125 PSI	28	110"L x 55"W x 45"H	1,160 lbs.	001-0010
Doosan	C185	185	100 PSI	80-125 PSI	65	141"L x 69"W x 62"H	2,325 lbs.	001-0030
Sullivan-Palatek	D185P	185	100 PSI	70-125 PSI	49	125"L x 55"W x 61"H	1,900 lbs.	001-0030
Doosan	XP375	375	125 PSI	80-150 PSI	123	158"L x 78"W x 68"H	4,418 lbs.	001-0050
Sullivan-Palatek	D375P	375	100 PSI	70-125 PSI	140	147"L x 56"W x 80"H	3,395 lbs.	001-0050
Doosan	HP375	375	150 PSI	80-175 PSI	123	158"L x 78"W x 68"H	4,418 lbs.	001-0060
Sullivan-Palatek	D375PH	375	150 PSI	70-170 PSI	140	147"L x 56"W x 80"H	3,395 lbs.	001-0060

AIR COMPRESSORS

DIESEL STANDARD, HIGH-PRESSURE

STANDARD DIESEL (LUBRICATED AIR END) AIR COMPRESSORS are ideal for meeting emergency and supplemental air requirements at industrial plants and commercial facilities where critical air quality is not required. They are also well-suited for construction applications such as powering large portable drills and multiple smaller air tools. Feature efficient rotary screw compressor units coupled with continuous duty-rated diesel engines for sustained, dependable operation.

- Quiet, dependable operation (less than 76 dBA at 7 meters)
- Automatic safety shutdown protection
- High-speed running gear allows towing at highway speeds
- Auxiliary fuel tanks are available for extended operation without refueling (see page 132)
- Both standard and high-pressure models are available

HIGH-PRESSURE AIR COMPRESSOR APPLICATIONS

- Catalytic regeneration (gasoline and refined oils)
- Soot blowing (utilities with coal fired furnaces)
- Drilling (down-the-hole for rock and oil drilling)
- PET (bottle blowing—used with a booster)
- Nitrogen membrane separation



Doosan HP750WCU

750 CFM Standard Air Compressor, 150 PSI



Doosan XHP1170

1,070 CFM High-pressure Air Compressor, 350 PSI

Make	Model	CFM	Rated Pressure	Pressure Range	HP	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Weight	Cat-Class
Doosan	XP375	375	125 PSI	80-150 PSI	123	60 gal.	6.3 GPH	11 hrs.	13'L x 78"W x 68"H	4,418 lbs.	001-0050
Sullivan-Palatek	D375P	375	100 PSI	70-125 PSI	140	40 gal.	6.0 GPH	7 hrs.	12'L x 56"W x 80"H	3,395 lbs.	001-0050
Doosan	HP375	375	150 PSI	80-175 PSI	123	60 gal.	6.3 GPH	11 hrs.	13'L x 78"W x 68"H	4,418 lbs.	001-0060
Sullivan-Palatek	D375PH	375	150 PSI	70-170 PSI	140	40 gal.	6.0 GPH	7 hrs.	12'L x 56"W x 80"H	3,395 lbs.	001-0060
Doosan	P600WIR ¹	600	100 PSI	80-125 PSI	170	73 gal.	8.5 GPH	9 hrs.	15'L x 78"W x 76"H	5,133 lbs.	001-0080
Doosan	HP750WCU ¹	750	150 PSI	80-150 PSI	275	100 gal.	12.9 GPH	8 hrs.	16'L x 86"W x 89"H	7,590 lbs.	001-0090
Doosan	HP750WJD	750	150 PSI	80-150 PSI	275	100 gal.	11.4 GPH	9 hrs.	16'L x 86"W x 89"H	7,890 lbs.	001-0095
Sullivan-Palatek	D750PH	750	150 PSI	70-150 PSI	275	100 gal.	12.7 GPH	8 hrs.	16'L x 80"W x 89"H	9,000 lbs.	001-0095
Doosan	XP825WCU ¹	825	125 PSI	80-125 PSI	275	100 gal.	12.9 GPH	8 hrs.	16'L x 86"W x 89"H	7,590 lbs.	001-0100
Doosan	HP915WCU ²	900	150 PSI	80-150 PSI	300	110 gal.	14.5 GPH	8 hrs.	18'L x 79"W x 93"H	10,250 lbs.	001-0110
Sullivan-Palatek	D900PH	900	150 PSI	70-150 PSI	305	100 gal.	14.0 GPH	7 hrs.	16'L x 80"W x 89"H	9,000 lbs.	001-0110
Sullivan-Palatek	D1150PVH	1,100	350 PSI	200-350 PSI	540	200 gal.	25.0 GPH	8 hrs.	20'L x 90"W x 94"H	19,000 lbs.	001-0130
Doosan	XHP1170 ²	1,170	350 PSI	150-375 PSI	540	230 gal.	20.9 GPH	11 hrs.	24'L x 90"W x 100"H	16,700 lbs.	001-0150
Sullivan-Palatek	D1600PH	1,600	150 PSI	70-150 PSI	535	200 gal.	24.0 GPH	8 hrs.	20'L x 90"W x 94"H	19,000 lbs.	001-0210

¹Fuel capacities and run times are based on units with Tier 2 certified engines—specs may vary for units with other engines.

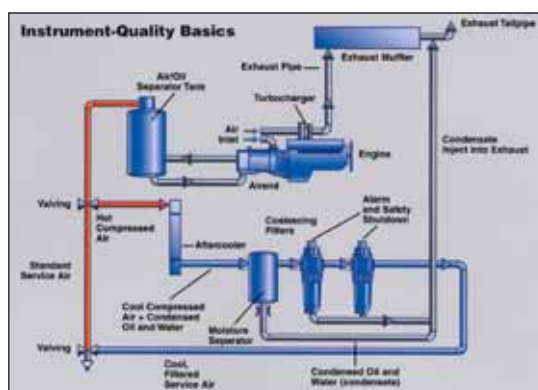
²Fuel capacities and run times are based on units with Tier 3 certified engines—specs may vary for units with other engines.

AIR COMPRESSORS

INSTRUMENT-QUALITY, ELECTRIC

INSTRUMENT-QUALITY (I-Q) AIR COMPRESSORS provide extremely clean, high-quality compressed air on a cost-effective basis for a wide range of industrial and construction applications. This is achieved by combining a rotary screw air compressor with an aftercooler, a moisture separator, dual coalescing filters and a condensate burn-off system in an efficient, self-contained package.

- All models exceed the ISA-S7.0.01-1996 Quality Standard for Instrument Air: Particulate size is less than 0.01 micron; Oil and water aerosol removal down to 0.01 PPM
- Integral aftercooler discharges compressed air at 15° approach temperature to ambient
- Simple valving also allows the versatility of running units in standard mode for non I-Q applications
- Desiccant dryers are available for special applications requiring a lower dew point to eliminate condensation of water vapor in downstream air lines and equipment
- High-speed running gear allows towing units behind a truck at highway speeds
- Auxiliary fuel tanks are available for extended operation without refueling (see page 132)



Doosan HP1600WCU

1,600 CFM, 150 PSI I-Q Air Compressor



Make	Model	CFM	Rated Pressure	Pressure Range	HP	Onboard Fuel Cap*	Consump Full Load	Run Time Full Load*	Overall Dimensions	Weight	Cat-Class
Doosan	HP1300WCU IQ	1,300	150 PSI	80-150 PSI	460	190 gal.	21.9 GPH	9 hrs.	19'L x 90"W x 100"H	17,790 lbs.	001-0180
Doosan	HP1600WCU IQ	1,600	150 PSI	80-150 PSI	560	230 gal.	22.0 GPH	10 hrs.	24'L x 90"W x 101"H	18,300 lbs.	001-0220

*Fuel capacities and run times are based on units with Tier 3 certified engines—specs may vary for units with other engines.

ELECTRIC AIR COMPRESSORS deliver outstanding, trouble-free performance in a wide range of industrial and commercial applications. They feature quiet operation and easy, low-cost maintenance. Models ranging from 50 HP to 400 HP are available.

- Weather-resistant, sound-attenuated enclosures—units operate indoors or outdoors
- Units operate on 460V 3-phase power
- Operate in ambient temperatures from -10° to 115°F
- Dryer and filter packages are available to meet special requirements (see pages 26-29)

Sullivan-Palatek 50UD
50 HP Electric Air Compressor



Make	Model	HP	CFM	Rated Pressure	Amp Rating	Starting Amp Requirement	Outlet	Overall Dimensions	Weight	Cat-Class
Sullivan-Palatek	50UD*	50	210	150 PSI	59.7	200	1.25"	84"L x 48"W x 48"H	2,300 lbs.	001-0420
Sullivan-Palatek	100UD*	100	440	140 PSI	129.2	400	2"	91"L x 54"W x 75"H	3,600 lbs.	001-0425
Sullivan-Palatek	200UD*	200	900	150 PSI	313.0	790	3"	105"L x 67"W x 86"H	6,500 lbs.	001-0430
Sullivan-Palatek	400UD*	400	1,490	150 PSI	479.8	1590	3"	105"L x 67"W x 86"H	10,000 lbs.	001-0435

*Units operate on a 460V 3-phase power.

AIR COMPRESSOR ACCESSORIES

AIR HOSE, AIR MANIFOLDS

AIR HOSE

To complete your compressed air installation, Sunbelt Rentals offers a wide selection of air hose and accessory items including connectors and fittings, safety whipchecks, OSHA valves, inline water separators, inline oilers, pressure regulators, blow pipes and receiver tanks.

Air Hose	
Description	Cat-Class
3/8" x 25' Air Hose	150-0019
3/8" x 50' Air Hose	150-0020
3/4" x 50' Air Hose	150-0025
1" x 50' Air Hose	150-0030
1-1/2" x 50' Air Hose	150-0032
2" x 25' Air Hose	150-0035
2" x 50' Air Hose	150-0040
3" x 25' Air Hose	150-0045
3" x 50' Air Hose	150-0050
Bull Hose Spud Connector	150-0055
Air Hose Whip Check	150-0060
Air Hose OSHA Valve	150-0065
Inline Water Separator	150-0070
Y Air Hose Fitting	150-0075
Inline Oiler	150-0080
Air Pressure Regulator	150-0085
Blow Pipe	150-0090
660 gal. Air Receiver Tank	150-0053



3/8" Air Hose



3/4" Air Hose



2" Air Hose



3" Air Hose with Boss Fittings



Air Hose Whip Check

AIR MANIFOLDS provide multiple 3/4" air outlets with ball valve controls from a larger (1-1/2" or 2") air inlet. Both tank-type and cage-type air manifolds are offered, both types with a 200 PSI pressure rating. (Cat-Class 150-0095)

Note: Other types and sizes of air manifolds are available.



Cage-Type Air Manifold w/Water Filter

(6) ball valve controlled outlets and a 1-1/2" air inlet
Texas Pneumatic
TX-1AMF-WF



Tank-Type Air Manifold

(8) ball valve controlled outlets
2" air inlet with 4-prong coupler on one end and flow-through plug on the other end allows using multiple units in tandem. Texas Pneumatic TX-2AMF

Pressure Loss in Air Hose (per 50' length)								
Inside Diameter	Free CFM	Line Pressure (PSI)						
		60	80	100	120	150	200	300
3/4"	60	3.1	2.4	2.0				
	80	5.3	4.2	3.5	2.9	2.4	1.8	1.2
	100	8.1	6.4	5.2	4.5	3.6	2.8	1.9
	120		9.0	7.4	6.3	5.1	3.9	2.7
	140		12.0	9.9	8.4	6.9	5.3	3.6
1"	160			12.7	10.8	8.9	6.8	4.6
	180				13.6	11.1	8.5	5.8
	200				16.6	13.5	10.4	7.1
	220					16.2	12.4	8.4
	120	2.7	2.1					
1 1/2"	150	4.1	3.2	2.7	2.3			
	180	5.8	4.6	3.8	3.2	2.6	2.0	1.3
	210	7.7	6.1	4.0	4.3	3.5	2.7	1.8
	240		7.9	6.5	5.5	4.5	3.4	2.3
	270		9.8	8.1	6.9	5.6	4.3	2.9
2"	300		12.0	9.9	8.4	6.9	5.3	3.6
	330			11.8	10.0	8.2	6.3	4.3
	360			13.9	11.9	9.7	7.4	5.0
	390				13.8	11.3	8.7	5.9
	420				15.9	13.0	10.0	6.8
2 1/2"	450					14.8	11.4	7.7
	600	1.9						
	800	3.2	2.5	2.1				
	1,000	5.0	3.9	3.2	2.7	2.2	1.7	1.1
	1,200	7.0	5.5	4.5	3.8	3.1	2.4	1.6
3"	1,400	9.3	7.4	6.1	5.2	4.2	3.2	2.2
	1,600		9.6	7.9	6.7	5.5	4.2	2.8
	1,800		12.1	9.9	8.4	6.9	5.3	3.6
	2,000			12.2	10.4	8.5	6.5	4.4
	2,200			14.6	12.5	10.2	7.8	5.3
3 1/2"	2,400				14.7	12.0	9.2	6.3
	2,600					14.1	10.8	7.3
	2,800					16.2	12.4	8.5
	2,000	2.5	2.0					
	2,500	3.9	3.0	2.5	2.1			
4"	3,000	5.5	4.4	3.6	3.1	2.5	1.9	1.3
	3,500	7.5	5.9	4.9	4.1	3.4	2.6	1.7
	4,000	9.8	7.6	6.3	5.3	4.4	3.3	2.3
	4,500		9.6	7.9	6.7	5.5	4.2	2.8
	5,000		11.7	9.6	8.2	6.7	5.1	3.5
4 1/2"	5,500			11.5	9.8	8.0	6.1	4.2
	6,000			13.6	11.5	9.4	7.2	4.9
	6,500				13.5	11.0	8.4	5.7
	7,000				15.6	12.7	9.8	6.6
	7,500					14.5	11.1	7.6

AIR COMPRESSOR ACCESSORIES

AFTERCOOLER/SEPARATORS, AFTERCOOLER/FILTERS

AFTERCOOLER/SEPARATORS

Reduce compressed air temperatures to within 5°F to 20°F of ambient temperature

Features

- Makes air safe, usable and capable of further filtering and drying
- Eliminates up to 70% of water
- Maximum working pressures to 400 PSIG are available

Choice of

- Electric Drive Fans: include automatic interconnect for 3-phase units—determines if incoming power is 230V or 460V and automatically matches the supply voltage
- Air-driven Fans: include air motor, regulator, lubricator and relief valve



Capacity Selection Chart: Max SCFM @ 5, 10, 15 and 20°F approach temperature to ambient

Inlet Temperature °F	150				200				250			
Approach Temperature °F	5	10	15	20	5	10	15	20	5	10	15	20
AACE-1600 & AACA-1600	790	1,440	1,950	2,260	710	1,290	1,720	1,950	660	1,200	1,600	1,860
AACE-2500 & AACA-2500	1,220	2,220	3,000	3,470	1,090	1,980	2,680	3,100	1,035	1,880	2,500	2,870
AACA-3000	1,450	2,650	3,580	4,120	1,295	2,360	3,200	3,710	1,243	2,260	3,000	3,450

Above capacities are based on 80 to 125 PSIG operating pressures. Maximum pressure drop, less than 3 PSI.

Specifications: Electric Drive

Model	Motor	Voltage TEFC	Phase HP	Full Load Amps 110/230V	In/Out Connections	Dimensions			Weight
						H	W	D	
AACE-450	1/2	110/1/60	1	9	2" NPT	66"	36"	60"	400 lbs.
AACE-1000	2	110/1/60	1	18	3" NPT	66"	48"	72"	500 lbs.
AACE-1600	1.5	110/1/60	1	18	3" NPT	66"	48"	72"	650 lbs.
AACE-2500	7.5	230 or 460/3/60	1	22/11	4" NPT	62"	48"	80"	900 lbs.
AACE-3000	10	230 or 460/3/60	1	28/14	4" NPT	62"	60"	80"	1,000 lbs.

Specifications: Air-Driven

Model	Air Motor Usage	In/Out Connections	Dimensions			Weight
			H	W	D	
AACA-450	10 SCFM	2" NPT	46"	48"	60"	400 lbs.
AACA-1000	20 SCFM	2" NPT	46"	48"	60"	600 lbs.
AACA-1600	70 SCFM	3" NPT	73"	48"	72"	800 lbs.
AACA-2500	80 SCFM	4" NPT	66"	48"	90"	1,000 lbs.
AACA-3000	120 SCFM	4" NPT	73"	60"	108"	1,200 lbs.
AACA-3500	120 SCFM	4" NPT	73"	60"	108"	1,400 lbs.

AFTERCOOLER/FILTERS

Obtain oil-free air with lubricated (oil-flooded) compressors

Packages Include

- **Aftercooler with air-driven fan motor**—reduces air temperature leaving the compressor to within 10° to 15°F of ambient temperature. Eliminates 80% of water
- **Separator/filter**—removes bulk liquids. Prefilters the air for finer filtration. Large in depth bed eliminates heavy particulate loads
- **Ultra-high efficiency coalescing oil removal filter**—removes fine oil droplets (aerosols) and solid particles 0.01 microns and larger. Oil content after filtration: 0.001 PPM W/W

Features

- Skid-mounted—pre-piped with in/out connections
- No power required—includes automatic condensate drains
- Gauges on filters indicate need for element replacement

Applications

- Construction, bridge repair, sandblasting and painting
- Manufacturing, refineries, shipyards, paper and chemical



Specifications

Model	Capacity (SCFM)	Dimensions			Weight
		H	W	D	
AFCS450	450	53"	46"	36"	675 lbs.
AFCS750	750	68"	48"	60"	675 lbs.
AFCS1000	1,000	73"	48"	72"	950 lbs.
AFCS1600	1,600	73"	48"	72"	1,000 lbs.

AIR COMPRESSOR ACCESSORIES

MEMBRANE DRYER/AFTERCOOLERS, AFTERCOOLER/DRYER/FILTERS

MEMBRANE DRYER/AFTERCOOLERS

Reduce compressed air temperatures and remove liquids and water vapor

Packages Include

- **Aftercooler**—rated for 10°F approach from ambient temperature. Includes air-driven fan motor, regulator, lubricator and muffler/separator
- **Filtration**—1st: Separator/prefilter to remove liquids to 3 microns
2nd: Two-stage prefilter to remove liquid water and oil to 1 micron
3rd: High-efficiency oil removal to remove solids and aerosols to 0.01 micron
Filters are oversized and staged to increase particulate loading capacity
Drains on prefilter housings are float type
- **Membrane Dryer**—utilizes membrane gas separation technology. Compressed air flows through a bundle of tube-shaped membranes. Compressed air is used to sweep the water vapor out of the dryer. Dry air then exits the tube bundle for use downstream. There are no power requirements, no moving parts and no consumables, such as deliquescent tablets, to replace
- **Frame and Construction**—steel channel construction with forklift slots. Includes 2" NPT Male in and out compressed air connections



Specifications

Model	Inlet Conditions	Outlet Dew Point	Flow (SCFM)	Max Inlet Pressure	Max Inlet Temp	Utilities Needed	Dimensions			In/Out Connections	Weight
							H	W	D		
RAM185	30°F Ambient & below 50°F Ambient	-30°F Dew Point -5°F Dew Point	185 to 260	300 PSIG	350°F	20 SCFM	50"	36"	70"	2" NPT Male	450 lbs.
RAM260	70°F Ambient	15°F Dew Point	260 to 370			25 SCFM	50"	36"	70"		500 lbs.
RAM375	90°F Ambient 100°F Ambient	35°F Dew Point 50°F Dew Point	370 to 500			30 SCFM	50"	36"	70"		550 lbs.

AFTERCOOLER/DRYER/FILTERS

A complete air treatment system in one package (CFM air loss 15–20%)

Packages Include

- **Aftercooler with air-driven fan motor**—lowers temperature of air leaving the compressor to within 7.5°F of ambient temperature and eliminates 80% of water
- **Prefilter 1: Separator/filter**—removes bulk liquids and prefilters the air
- **Prefilter 2: Ultra-high efficiency coalescing type oil removal filter**—removes fine oil droplets (aerosols) and solid particles 0.01 microns and larger
Oil content after filtration = 0.001 PPM w/w
- **Pressure-swing (heatless) regenerative desiccant dryer**—produces extra dry air (-40°F or -100°F pressure dew point). Efficient design minimizes purge air requirements.
- **Afterfilter**—1 micron particulate filter removes desiccant fines
In-depth media allows long element life

Features

- Mounted on sled-type skid with lifting lugs and forklift channels
Units are pre-piped with convenient in/out connections
- Dryer runs on 12V DC (allows powering with portable air compressor)—115V AC optional
- Includes automatic condensate drains.
Gauges on filters indicate the need for element replacement
- Dryer control panel includes alarms and built-in diagnostic capabilities



Applications

- **Industrial**—spray painting, powder coating, blow molding, pneumatic instrumentation, nitrogen generation, process air
- **Construction** (with portable compressors)—bridge repair, sandblasting, painting, pipeline dehydration

Specifications

Model	Capacity (SCFM) @ 100 PSIG	Max Working Pressure	Dimensions			Weight
			H	W	D	
RDH260GAC	185–260	250 PSI	82"	50"	69"	1,500 lbs.
RDH450GAC	260–500	250 PSI	82"	50"	69"	2,200 lbs.
RDH930GAC	500–1,000	150 PSI	80"	75"	71"	3,800 lbs.
RDH1550AC	1,000–1,600	150 PSI	97"	73"	81"	6,000 lbs.
RDH1550GAC	1,000–1,600	250 PSI	87"	78"	83"	6,000 lbs.

AIR COMPRESSOR ACCESSORIES

DESICCANT DRYERS

DESICCANT DRYERS

For dew points of **-40°F** and **-100°F** (CFM air loss 15–20%)

Features

- Mounted particulate and oil removal prefilters complete with automatic condensate drains and a one micron afterfilter—no field installation of filters is required
- Heavy-duty frame with lifting lugs and forklift channels for easy handling
- NEMA 4, 115/1/60 electrics—suitable for outdoor operation (all pneumatic units are also available)
- Units can be field adjusted for -40°F or -100°F pressure dew point
- Full instrumentation package provides ready indication of system malfunction
- High-pressure models (350 PSI) are available

Operating Conditions

- Maximum inlet compressed air temperature: 120°F
- Minimum/maximum ambient temperature: 35/120°F standard (-10/120°F with low ambient package installed)



Note: Transport desiccant dryers on air-ride trucks only.

Specifications

Standard Models	Flow (SCFM)*			Max Working Pressure	In/Out Connections	Dimensions			Weight
	Inlet	Outlet				H	W	D	
		@ -40°F PDP	@ -100°F PDP						
RDH115	115	98	97	150 PSI	1" NPT	90"	40"	34"	650 lbs.
RDH165	165	141	140	150 PSI	1-1/2" NPT	90"	40"	34"	825 lbs.
RDH260	260	223	220	150 PSI	2" NPT	90"	42"	47"	1,350 lbs.
RDH370	370	317	312	150 PSI	2" NPT	90"	42"	60"	1,650 lbs.
RDH450	450	385	380	150 PSI	2" NPT	92"	42"	60"	1,800 lbs.
RDH590	590	505	498	150 PSI	2" NPT	95"	50"	70"	2,860 lbs.
RDH750	750	642	634	150 PSI	2-1/2" NPT	97"	58"	72"	3,450 lbs.
RDH930	930	796	786	150 PSI	2-1/2" NPT	105"	58"	72"	3,800 lbs.
RDH930G	930	796	786	150 PSI	2-1/2" NPT	80"	76"	73"	3,500 lbs.
RDH1130	1,130	967	955	150 PSI	3" NPT	105"	58"	72"	4,300 lbs.
RDH1350	1,350	1,156	1,141	150 PSI	3" NPT	109"	58"	72"	4,700 lbs.
RDH1550	1,550	1,327	1,309	150 PSI	3" Boss	100"	78"	96"	5,000 lbs.
RDH1550G	1,550	1,327	1,309	250 PSI	3" Boss	79"	78"	83"	5,500 lbs.
RDH2100	2,100	1,797	1,774	150 PSI	3" Boss	80"	80"	73"	6,900 lbs.
RDH2100G	2,100	1,797	1,774	150 PSI	3" Boss	80"	80"	73"	5,750 lbs.
RDH3000	3,000	2,567	2,534	150 PSI	3" Boss	121"	86"	133"	12,100 lbs.
RDH3000G	3,000	2,567	2,534	150 PSI	2 x 3" Boss	81"	91"	115"	9,200 lbs.
RDH4100	4,100	3,465	3,445	150 PSI	6" FLG	105"	91"	115"	14,000 lbs.
RDH5400	5,400	4,620	4,561	150 PSI	6" FLG	123"	96"	122"	16,000 lbs.
RDH5400G	5,400	4,620	4,561	150 PSI	4 x 3" Boss	81"	91"	153"	14,800 lbs.
High-Pressure Models (350 PSIG)									
RDHHP495	900	828	818	365 PSI	3" NPT	94"	78"	96"	3,800 lbs.
RDHHP715	1,300	1,196	1,186	365 PSI	3" NPT	96"	78"	96"	4,000 lbs.
RDHHP1550G	2,800	2,576	2,550	365 PSI	3" Boss	79"	78"	83"	6,200 lbs.
RDHHP5200G	9,300	8,530	8,400	365 PSI	4 x 3" Boss	81"	91"	153"	19,000 lbs.

*Flow shown is based on inlet compressed air at 100 PSI and 100°F.



Sunbelt Rentals also offers air hose and accessory items including connectors and fittings, safety whipchecks, OSHA valves, inline water separators, inline oilers, pressure regulators, blow pipes and receiver tanks (see page 25)

AIR COMPRESSOR ACCESSORIES

REFRIGERATED DRYERS, CUSTOM FILTERS

REFRIGERATED DRYERS

For dew points from 38°F and 50°F

Features

- Highly efficient, rugged heat exchangers—designed to resist fouling and maintain low pressure drop
- Highly reliable separators and automatic drains ensure condensate is separated from the air system
- Refrigeration system designed for maximum reliability accumulators, filters and strainers, dryers and a desuperheating system prevent compressor slugging and overheating—keeps dryer operating in a range of conditions

Operating Conditions (Min/max ambient temperatures)

- Air-cooled models—35/110°F standard (-10/110°F with low ambient package installed)
- Maximum inlet air temp 120°F
- Watercooled models—35/130°F standard (-10/130°F with low ambient package installed)

Specifications

Standard Models*	Flow (SCFM)**	Max Working Pressure	Inlet/Outlet Connections	Dimensions			Weight
				H	W	D	
RRD150AC	150	200 PSI	2" NPT	42"	38"	42"	500 lbs.
RRD300AC	300	200 PSI	2" NPT	42"	38"	42"	600 lbs.
RRD400AC	400	200 PSI	3" NPT	42"	38"	42"	700 lbs.
RRD500AC	500	200 PSI	3" NPT	69"	40"	46"	950 lbs.
RRD700AC	700	200 PSI	3" NPT	69"	40"	46"	1,100 lbs.
RRD800AC	800	200 PSI	3" NPT	80"	40"	46"	1,300 lbs.
RRD1000AC	1,000	200 PSI	3" NPT	80"	40"	46"	1,465 lbs.
RRD1200AC	1,200	200 PSI	4" FLG	72"	54"	56"	1,500 lbs.
RRD1600AC	1,600	200 PSI	6" FLG	89"	50"	52"	2,200 lbs.
RRD2000AC	2,000	200 PSI	6" FLG	89"	50"	52"	2,400 lbs.
RRD2300AC	2,300	200 PSI	6" FLG	89"	50"	52"	2,800 lbs.
RH33AC	3,000	175 PSI	6" FLG	110"	54"	113"	4,400 lbs.
RH44AC	4,000	175 PSI	6" FLG	110"	54"	113"	4,900 lbs.
RH55AC	5,000	175 PSI	8" FLG	112"	60"	128"	5,200 lbs.
RH66AC	6,000	175 PSI	8" FLG	112"	60"	128"	5,800 lbs.
RH77AC	8,000	175 PSI	10" FLG	123"	60"	128"	6,200 lbs.
RH88AC	10,000	175 PSI	10" FLG	120"	90"	174"	10,500 lbs.
RH1010WC	15,000	175 PSI	12" FLG	128"	81"	160"	14,200 lbs.
RH1111WC	20,000	175 PSI	14" FLG	128"	96"	180"	20,300 lbs.
High-Pressure Models***							
HPRD-1	250	700 PSI	3" NPT	61"	38"	38"	900 lbs.
HPRD-2	550	700 PSI	3" NPT	61"	38"	38"	900 lbs.
HPRD-4	1,200	700 PSI	4" FLG	76"	50"	50"	1,509 lbs.

*AC designates air-cooled; WC designates water-cooled.

**Flow shown is based on inlet compressed air at 100 PSIG and 100°F, operating in an ambient temperature of 100°F.

***Flow (SCFM) @ 700 PSIG.

CUSTOM FILTER PACKAGES

Compressed air as clean as you need it—we offer custom filter packages tailored to meet your specific requirements. Examples include coalescing type oil removal filters, oil vapor removal filters, separator/filters, air line filters and any combination of these filters. Each filter package includes automatic drains and filter change indicators.



For more information about compressed air solutions, contact a Sunbelt Rentals Pump & Power location at 800-736-2504.



AIR COMPRESSOR ACCESSORIES

DUST COLLECTORS

DUST COLLECTORS are available in 40 HP and 60 HP models. Both are skid-mounted and offer an initial MERV 12 efficiency rating. The units are easy to operate and have both forklift pockets and crane lift points, making them easy to transport.

- In-line air flow between plenum and fan ensures the highest efficiency
- Extremely low air to cloth ratio provides more filter area for high dust conditions
- Unique filter baffle system enhances pulse jet cleaning and extends filter life
- Top loading filters offer superior cleaning and can be changed by a single operator with less risk of hazardous spills
- Hydraulically driven augers for low maintenance and dependable operation
- Greater job site versatility with conveniently located air inlets on three sides
- Solid state, programmable timer board for reverse air pulse filter cleaning system
- Heavy duty construction



En Tech Industries 12DC
12,000 CFM

Make	Model	Mounting	Motor	Fan	Filter	Dimensions	Weight	Cat-Class
EnTech Industries	12DC	Skid	40 HP 130/460 3ø TEFC	12,000 CFM @ 12" WC / non-overloading spark resistant	4,680 sq. ft. of filter area for an air to cloth ratio of 2.56:1	192"L x 72"W x 102"H (in transport)	7,500 lbs.	061-2220
EnTech Industries	20DC	Trailer	80 HP	20,000 CFM @ 12" WC / non-overloading spark resistant	7,020 sq. ft. of filter area for an air to cloth ratio of 2.85:1	339"L x 102"W x 131"H	10,500 lbs.	061-2380
EnTech Industries	40DC	Trailer	140 HP	40,000 CFM @ 12" WC / non-overloading spark resistant	15,600 sq. ft. of filter area for an air to cloth ratio of 2.56:1	379-1/4" L x 98-7/8" W x 140-5/16" H	21,000 lbs.	061-2780

AIR CONDITIONERS

PORTABLE AIR CONDITIONERS—1-2 TONS

DETERMINING COOLING REQUIREMENTS

To determine the cooling capacity you need for a particular application, use the following information as a rough guide:

Insulated areas: Provide 1 ton (12,000 BTU) of cooling capacity per 400 sq. ft. of surface area.

Uninsulated areas: Provide 1 ton (12,000 BTU) of cooling capacity per 200 sq. ft. of surface area.

Additional Considerations:

1. For every 24 people present, provide one additional ton of cooling capacity.
2. For equipment generating excessive heat within the cooling area, provide additional cooling capacity in accordance with the amount of heat generated by the equipment.

PORTABLE AIR CONDITIONERS are ideal for small area cooling and spot cooling—the ability to direct cool air to precise locations. These efficient units provide comfort for workers and protection for sensitive equipment in all types of environments. Spot cooling provides substantial energy savings compared to central air conditioning by cooling only the area, people or equipment necessary. Energy-efficient and ultra-quiet, these units can achieve temperature drops of 12°F to 30°F in just minutes.

- Completely self-contained, with caster-mounting for portability
- Classic 1-2 ton models include flexible, built-in ducts to direct airflow (when used indoors, these units must be vented)
- Smaller models include condensation tanks
- Provide air filtration and remove humidity for increased comfort

Note: 12" x 25' flexible duct is available for use with portable air conditioners. (Cat-Class 150-0110) A ceiling transition is available for ducting through ceilings.



HSC-14
1.2 Ton



Oceanaire PAC1811
1.5 Ton

Make	Model	Capacity	Max Airflow	Cooling Area*	Cool Air Duct Dia/Max Length	Warm Air Duct** Dia/Max Length	Voltage	Amp Rating	Weight	Cat-Class
Oceanaire	2OAC1211	1 ton	400 CFM	400 sq. ft.	6"/25'	12"/25'	115V	10.4	180 lbs.	107-0105
Oceanaire	CAC1211	1 ton	400 CFM	400 sq. ft.	8"/25'	12"/25'	115V	12.0	135 lbs.	107-0105
Oceanaire	PAC1211	1 ton	400 CFM	400 sq. ft.	10"/25'	12"/25'	115V	10.4	180 lbs.	107-0105
MovinCool	Office Pro 12	1 ton	410 CFM	200/400 sq. ft.	N/A	12"/60'	115V	11.2	165 lbs.	107-0105
Oceanaire	PAC1811	1.5 ton	600 CFM	600 sq. ft.	10"/25'	12"/25'	115V	14.1	260 lbs.	107-0105
MovinCool	Classic 10	1 ton	270 CFM	200/400 sq. ft.	5"/40'	12"/60'	115V	10.6	145 lbs.	107-0110
MovinCool	Office Pro 18	1.5 ton	540 CFM	300/600 sq. ft.	N/A	12"/100'	115V	15.6	177 lbs.	107-0110
Airrex	HSC-14	1.2 ton	440 CFM	400 sq. ft.	5"/30'	12"/50'	115V	1.5	176 lbs.	107-0110
MovinCool	Classic Plus 14	1.1 ton	440 CFM	210/420 sq. ft.	5"/30'	12"/60'	115V	12.3	153 lbs.	107-0112
Airrex	HSC-18	1.5 ton	460 CFM	600 sq. ft.	5"/30'	12"/50'	115V	1.95	185 lbs.	107-0114
Oceanaire	2OAC1811	1.5 ton	600 CFM	400 sq. ft.	10"/25'	12"/25'	115V	14.1	260 lbs.	107-0114
Airrex	HSC-24A	2 ton	460 CFM	800 sq. ft.	5"/30'	12"/50'	220V	2.74	210 lbs.	107-0120
MovinCool	Classic Plus 26	2 ton	708 CFM	400/800 sq. ft.	6"/60'	12"/45'	208-230V	15.6/14.0	235 lbs.	107-0120
Oceanaire	PAC2412	2 ton	810 CFM	800 sq. ft.	10"/25'	12"/25'	208-230V	14.9	260 lbs.	107-0126
Oceanaire	2OAC2412	2 ton	810 CFM	800 sq. ft.	10"/25'	12"/25'	208-230V	14.9	260 lbs.	107-0126

*Cooling area is based upon an uninsulated/insulated enclosed area. **Optional warm air flange is required when using warm air discharge duct.



Improve Productivity with Cool Solutions from AIRREX



Address emergencies, improve worker productivity and maintain optimal environmental conditions with portable air conditioners, dehumidifiers and heat pump units from AIRREX.



AIR CONDITIONERS

PORTABLE AIR CONDITIONERS—3-5 TONS

PORTABLE AIR CONDITIONERS are ideal for small area cooling and spot cooling—the ability to direct cool air to precise locations. These efficient units provide comfort for workers and protection for sensitive equipment in all types of environments. Spot cooling provides substantial energy savings compared to central air conditioning by cooling only the area, people or equipment necessary. Energy-efficient and ultra-quiet, these units can achieve temperature drops of 12°F to 30°F in just minutes.

- Completely self-contained, with caster-mounting for portability
- Smaller portable units equipped with condensate bucket
- 5 ton standard units equipped with condensate pump
- Provide air filtration and remove humidity for increased comfort



Airrex HSC-36B

3 Ton



Oceanaire PAC6012

5 Ton



MOB-42HP

3.5 Ton w/heating/dehumidifying



Office Pro 60

5 Ton



MOB-60HP

5 Ton

Make	Model	Capacity	Max Airflow	Cooling Area*	Cool Air Duct Dia/Max Length	Warm Air Duct** Dia/Max Length	Voltage	Amp Rating	Weight	Cat-Class
MobileCool	MOB-42HP ¹	3.5 ton	1,400 CFM	700/1,400 sq. ft.	12"/25'	N/A	230V, 1øV	26.0	475 lbs.	107-0130
Airrex	HSC-36B	3 ton	943 CFM	1,200 sq. ft.	7"/65.6'	16"/50'	220V	4.62	396 lbs.	107-0134
Oceanaire	PAC3612	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	16"/50'	208-230V	18.1	365 lbs.	107-0134
Oceanaire	PAC3632	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	16"/50'	208-230V	17.2	365 lbs.	107-0134
Oceanaire	2OAC3612	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	16"/50'	208/230V	18.1	365 lbs.	107-0134
Oceanaire	2OAC3632	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	16"/50'	208/230V	17.2	365 lbs.	107-0134
Oceanaire	PAC3634	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	16"/50'	460V	8.7	380 lbs.	107-0136
Oceanaire	2OAC3634	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	16"/50'	460V	8.7	380 lbs.	107-0136
MobileCool	MOB-60HP ¹	5 ton	1,950 CFM	1,000/2,000 sq. ft.	2 x 12"/50'	N/A	230V, 1øV	47.0	725 lbs.	107-0140
MovinCool	Classic 60	5 ton	1,580 CFM	1,000/2,000 sq. ft.	12"/60'	N/A	460V, 3øV	10.5	463 lbs.	107-0140
Oceanaire	PAC6034	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	16"/50'	460V	14.8	515 lbs.	107-0148
Oceanaire	2OAC6034	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	16"/50'	460V	14.8	515 lbs.	107-0148
Oceanaire	PAC6012	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	16"/50'	208/230V	32.0	485 lbs.	107-0150
Oceanaire	2OAC6012	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	16"/50'	208/230V	32.0	485 lbs.	107-0150
MobileCool	Office Pro 60	5 ton	1,940 CFM	1,000/2,000 sq. ft.	N/A	16"/100'	208/230V	29.0	623 lbs.	107-0154
Oceanaire	PAC6032	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	16"/50'	208/230V	20.4	485 lbs.	107-0154
Oceanaire	2OAC6032	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	16"/50'	208/230V	20.4	485 lbs.	107-0154

*Cooling area is based upon an uninsulated/insulated enclosed area. **Optional warm air flange is required when using warm air discharge duct.

¹MOB-series models are combination heating/cooling/dehumidifying units with 12" supply and (2) 12" return ducts—weatherproof for outdoor placement.

AIR CONDITIONERS

PORTABLE WATER-COOLED AIR CONDITIONERS, HEAT PUMPS

PORTABLE WATER-COOLED AIR CONDITIONERS

offer an extremely efficient and effective way to control the climate in any sized room. Because water cooled air conditioners do not discharge large amounts of heat, they do not require exhaust ducting and are used to great effect in enclosed areas.

- Popular in hospitals and labs
- Several 110V models
- Great when ducting is impractical
- Cooling capacities from 1 to 5 ton



Airrex HSC-60
5 Ton



Oceanaire OWC/PWC 1211
1 Ton

Make	Model	Capacity	Max Airflow	Cooling Area*	Warm Air Duct** Dia/Max Length	Voltage	Amp Rating	Weight	Cat-Class
Oceanaire	OWC/PWC 1211	1 ton	400 CFM	400 sq. ft.	N/A	115V	8.1	125 lbs.	107-0118
Oceanaire	OWC/PWC 1811	1.5 ton	600 CFM	600 sq. ft.	N/A	115V	11.3	155 lbs.	107-0116
Oceanaire	OWC/PWC 2412	2 ton	810 CFM	800 sq. ft.	N/A	208-230V	9.9	170 lbs.	107-0124
Oceanaire	OWC/PWC 3612	3 ton	1200 CFM	1,200 sq. ft.	N/A	208-230V	12.0	275 lbs.	107-0133
Oceanaire	OWC/PWC 3632	3 ton	1200 CFM	1,200 sq. ft.	N/A	208-230V	9.3	275 lbs.	107-0133
Oceanaire	OWC/PWC 6012	5 ton	1950 CFM	2,000 sq. ft.	N/A	208-230V	23.7	470 lbs.	107-0153
Oceanaire	OWC/PWC 6032	5 ton	1950 CFM	2,000 sq. ft.	N/A	208-230V	16.5	470 lbs.	107-0153
Oceanaire	OWC/PWC 6034	5 ton	1950 CFM	2,000 sq. ft.	N/A	460V	6.3	500 lbs.	107-0156
Airrex	HSC-60	5 ton	1940 CFM	2,000 sq. ft.	16"/50'	220V/1	10.4	550 lbs.	107-0154
Airrex	HSC-60	5 ton	1940 CFM	2,000 sq. ft.	16"/50'	220V/3	10.4	550 lbs.	107-0155
Airrex	HSC-60	5 ton	1940 CFM	2,000 sq. ft.	16"/50'	480V/3	10.4	550 lbs.	107-0156
Airrex	HSC-70	7 ton	2200 CFM	2,800 sq. ft.	16"/50'	480V	15.4	550 lbs.	108-0158

*Cooling area is based upon an uninsulated/insulated enclosed area. **Optional warm air flange is required when using warm air discharge duct.

PORTABLE HEAT PUMPS combine both cooling and heating capabilities in a single, self-contained unit. The most common type of portable heat pump uses ambient air to heat a space. All that is required is to simply plug the unit in. No outside access is needed to dispel exhaust.

- Great for supplemental and emergency heating, spot heating, and backup heating during HVAC repairs or renovations
- Popular in office buildings, retail spaces, schools, hospitals and special events
- Safer and more efficient than electric space heaters
- Perfect for year-round use



Airrex AHSC-12
1 Ton

Make	Model	Capacity	Max Airflow	Cooling Area*	Warm Air Duct** Dia/Max Length	Voltage	Amp Rating	Weight	Cat-Class
Oceanaire	2OACH1211	1 ton	400 CFM	400 sq. ft.	12"/25'	115V	10.4	180 lbs.	107-2018
Airrex	AHSC-12	1 ton	272 CFM	400 sq. ft.	10"/25'	115V	1.21	148 lbs.	107-2018
Airrex	AHSC-18	1.5 ton	424 CFM	600 sq. ft.	12"/50'	115V	1.84	210 lbs.	107-2019
Oceanaire	2OACH1811	1.5 ton	600 CFM	400 sq. ft.	12"/25'	115V	14.1	260 lbs.	107-0114
Oceanaire	2OACH2412	2 ton	810 CFM	800 sq. ft.	12"/25'	208-230V	14.9	260 lbs.	107-2020
Oceanaire	2OACH3612	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	208-230V	18.1	365 lbs.	107-0130
Oceanaire	2OACH3632	3 ton	1,200 CFM	1,200 sq. ft.	16"/50'	208-230V	17.2	365 lbs.	107-0134
Oceanaire	2OACH3634	3 ton	1,200 CFM	2,000 sq. ft.	16"/50'	460V	8.7	380 lbs.	107-0136
Oceanaire	2OACH6012	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	208-230V	32.0	485 lbs.	107-0150
Oceanaire	2OACH6034	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	460V	14.8	515 lbs.	107-0151
Oceanaire	2OACH6032	5 ton	1,950 CFM	2,000 sq. ft.	16"/50'	208-230V	20.4	485 lbs.	107-0152
MovinCool	Climate Pro 12	1 ton	420 CFM	400 sq. ft.	12"/60'	115V	11.1	196 lbs.	107-2018
MovinCool	Climate Pro 18	1.5 ton	540 CFM	200/400 sq. ft.	12"/60'	115V	14.7	214 lbs.	107-2019

*Cooling area is based upon an uninsulated/insulated enclosed area. **Optional warm air flange is required when using warm air discharge duct.

AIR CONDITIONERS

MOBILE COOLING DEVICES, VERTICAL AIR CONDITIONERS

MOBILE COOLING DEVICES are capable of cooling up to 3,000 sq. ft., reducing temperatures by up to 27°F. They utilize a unique water atomization technique that feeds from a 100 gallon integrated tank, which supplies 50 hours of continuous use, and the fan stores inside the tank for easy storage. Applications include sporting events, commercial job sites and special outdoor events.

- Completely self-contained, with caster-mounting for portability
- Easy fill 100 gallon tank, fan stores inside of tank for easy transport
- Unit oscillates allowing maximum cooling coverage
- 50 hours of running time, 1 tank has a 5 day run time



Power Breezer Mobile Cooling Device

Make	Model	Capacity	Max Airflow	Cooling Area*	Voltage	Amp Rating	Weight	Cat-Class
PowerBreezer	PB10-A-06-B	N/A	15,000 CFM	3,000 sq. ft.	110V	7	250 lbs.	036-0240

*Cooling area is based upon an uninsulated/insulated enclosed area.



VERTICAL AIR CONDITIONERS provide 20 ton cooling at 7000 CFM. These units are ideal for situations where space is limited. They are equipped with quick connect plugs for fast set ups and removals, and come with condensate pumps to ensure that your setting isn't compromised by wet weather.

- Ideal for special events
- Includes integrated fork lift pockets as well as side and top tent clamp tethers
- The unit's structural frame is fabricated from 11 gauge galvanized steel.
- Access doors are fabricated from 14 gauge galvanized steel and are insulated for sound and condensate control
- Eight camlock lock fittings for external connection and daisy chain
- Unit dimensions 44" wide, 81" long, and 82" tall

Make	Model	Capacity	Max Airflow	Voltage	Dimensions	Weight	Cat-Class
American Event Services	Wisperkool 2D	20 ton	7,000 CFM	480V	81"L x 44"W x 82"H	2,544 lbs.	108-0221

AIR CONDITIONERS

INDUSTRIAL AIR CONDITIONERS

INDUSTRIAL AIR CONDITIONERS provide the cooling power for large area cooling and dehumidifying. Applications include warehouse facilities, special events, aerospace and aviation, industrial plant shutdowns and maintenance, emergency backup cooling and large scale spot cooling. All models include an electrical disconnect switch and utilize 20" flexible duct for supply and return air.

- Multiple compressor units for flexibility and reliability
- 25-ton and 40-ton models are heating/cooling/dehumidifying units with built-in electric heaters and a humidistat
- 20" flexible duct is available in 25' lengths (Cat-Class 150-0115)
- Rugged, weatherproof designs for outdoor installations



MobileCool MOB-250 25-ton Industrial Air Conditioner
Cooling a large special events tent—inset shows tent transition



PacSlim-12 12-ton Industrial Air Conditioner

Make	Model	Capacity	Max Airflow	Cooling Area*	Supply Duct Dia/Max Length	Return Duct Dia/Max Length	Voltage	Amp Rating	Dimensions	Skid Weight	Cat-Class
MobileCool	MOB-100	10 ton	4,000 CFM	2,000/4,000 sq. ft.	20"/50'	20"/50'	460V, 3ø	31	59"L x 96"W x 53"H	1,350 lbs.	108-0210
AirPac	PAC120	10 ton	6,000 CFM	2,000/4,000 sq. ft.	20"/50'	20"/50'	460V, 3ø	32	61"L x 30"W x 80"H	1,300 lbs.	108-0210
United Cool Air	PacSlim-12	12 ton	4,400 CFM	2,000/4,000 sq. ft.	10"/100'	12"/100'	230V, 3ø	—	75.5"L x 34"W x 67.75"H	1,184 lbs.	108-0211
Airrex	HSC-140	12 ton	3,530 CFM	4,800 sq. ft.	12"/120'	12"/120'	480V	30	62"L X 31"W X 65.2"H	1,162 lbs.	108-0213
MobileCool	MOB-200	20 ton	8,000 CFM	4,000/8,000 sq. ft.	2 x 20"/50'	2 x 20"/50'	460V, 3ø	53	92"L x 127"W x 67"H	2,600 lbs.	108-0220
MobileCool	MOB-250 ¹	25 ton	10,000 CFM	5,000/10,000 sq. ft.	2 x 20"/50'	2 x 20"/50'	460V, 3ø	57	92"L x 128"W x 63"H	3,200 lbs.	108-0230
Mayer	60TR ¹	60 ton	10,000 CFM	10,000/20,000 sq. ft.	2 x 20"/50'	2 x 20"/50'	460V, 3ø	146	102"L x 74"W x 74"H	8,500 lbs.	108-0260

*Cooling area is based upon an uninsulated/insulated enclosed area. (See page 31 for additional information about determining cooling requirements.)

¹Combination cooling/heating/dehumidifying units with built-in electric heaters: 72 kW heater (25-ton models); 108 kW heater (40-ton model); 200 kW heater (60-ton model).

¹Amp rating may change based on heating or cooling application.

HIGH STATIC AIR CONDITIONERS

offer a compact design and use R410a refrigerant. Units feature oversized and low noise condensers, high static blowers, and blower VFDs with additional inline starters and speed control. These are industrial-designed units with certified structural cages.



Smart Family 40-ton Industrial Air Conditioner
Temporary cooling application at a warehouse facility



Smart Family SACP40A-HS
40-ton Industrial Air Conditioner

Make	Model	Capacity	Max Airflow	Static Pressure	Supply Duct Diameter Max Length	Return Duct Diameter Max Length	Voltage	Minimum Circuit Ampacity (460V)	Amp Rating	Dimensions	Skid Weight	Cat-Class
Smart Family	SACP12A-HS	12 ton	4,000 CFM	10" wg	2 x 12"	2 x 12"	460V, 3ø	33 amps	33	74"L x 70"W x 90"H	3,720 lbs.	108-0214
Smart Family	SACP28A-HS	28 ton	4,000 CFM	8" wg	2 x 20"	1 x 20"	460V, 3ø	56 amps	47.9	72"L x 88"W x 98"H	4,040 lbs.	108-0238
Smart Family	SACP40A-HS	40 ton	6,400 CFM	6.5" wg	2 x 20"	2 x 20"	460V, 3ø	80 amps	67.6	78"L x 88"W x 98"H	4,620 lbs.	108-0245
Smart Family	SACP80A-HS	80 ton	12,800 CFM	6.4" wg	2 x 20"	4 x 20"	460V, 3ø	156 amps	143	130"L x 88"W x 98"H	4,620 lbs.	108-0285

AIR CONDITIONERS

AIR HANDLERS

AIR HANDLING UNITS are designed and constructed for ease of operation and mobility as well as the rigors of everyday use. Our units are mounted on a structural steel frame that incorporates tube slots for forklift handling. Our units also includes a certified structural lifting/stacking protective cage for optional overhead positioning with an onsite crane for hard to reach site setup locations. The units are ready for operation with minimal setup of (2) 4" hose connections and (4) Camlock power cables.

- Hot dip galvanized structural lifting/stacking skid and integrated tie-downs
- Chilled water temperature and pressure indication inlet & outlet)
- Integrated control panel with Camlock power connections, circuit breaker, magnetic starter, potentiometer for VFD control, OFF/Auto two position switch, Power On indicator light and Phase Incorrect indicator light



50 Ton Portable Air Handling Unit



120 Ton Portable Air Handling Unit

Type	Make	Model	Capacity	CFM	Duct Size	# of Supply Ducts	# of Return Ducts	Voltage	Dimensions	Weight	Cat-Class
50 ton AHU	CAPS	PAHH-50TC	50 ton	6,250	20"	2	4	460V	107.25"L x 83"W x 63.25"H	3250 lbs.	109-1050
120 ton AHU	CAPS	PAHH-120TC	120 ton	15,000*	20"	4	6	460V	151.5"L x 101"W x 63.25"H	5200 lbs.	109-1120

*At 5" WC

AIR CONDITIONERS

PORTABLE AIR COOLED CHILLER PACKAGES

PORTABLE AIR-COOLED CHILLER PACKAGES offer flexible temporary fluid cooling solutions using equipment that has been designed and engineered to be self contained systems for Commercial and Industrial air conditioning and process cooling applications. These packages have also been designed and constructed for ease of operation and mobility as well as the rigors of everyday use. Our package is mounted on a structural steel frame that incorporates tube slots for forklift handling. Our package also includes a certified structural lifting/stacking protective cage for optional overhead positioning with an onsite crane for hard to reach site setup locations.

- Freeze protection to -20F with 3/4" foam insulated evaporator & protective aluminum jacketing, chilled water barrel heaters, external thermostat control for heaters and refrigerant isolation valves (discharge valve)
- Dual circuit machine for staging and efficiency
- UL/cUL listed to US and Canadian safety standard
- ASHRAE 90.1 compliance
- ARI Standard 550/590
- ANSI/NFPA Standard 70
- Phase monitor and phase fail indicator light
- Master On/Off switch
- Integrated main power wiring with Cam-Lock electrical connections and associated wiring
- Single point 460V/3PH/60HZ power application power connection for Chiller/Pump package
- Temperature and pressure gauges (Inlet & Outlet)
- ETL approved



**150 Ton Portable
Air Cooled
Chiller Package**

VOLUME TANKS

are available in 500-gallons. Volume tanks have a maximum operating pressure 125 PSI and are a necessary add-on for some chiller rentals.



**Volume Tank
For Chillers**



Chiller, air handler and generator at a processing plant



Desiccant dehumidifier and air handler at a processing plant

Make	Model	Capacity	Pump Size	Hose Connection	Voltage	Min Circuit Ampacity	VSD	Pump Discharge	FPCC**	Dimensions	Weight	Cat-Class
Smart Family	STAC10D-R	10.6 ton	24 GPM	2"	460V	29 Amps	N/A	100'	36"	90"L x 56"W x 66"H	1,600 lbs.	109-1005
CAPS	PCHH-56TD	56 ton	140 GPM	4"	460V	153 Amps	N/A	100'	Varies	205"L x 100"W x 77.5"H	6,800 lbs.	109-1056
CAPS	PCHH-70TD	70 ton	200 GPM	4"	460V	181 Amps	N/A	100'	54"	177"L x 100"W x 102"H	8,200 lbs.	109-1270
CAPS	PCHH-100TD	100 ton	300 GPM	4"	460V	244 Amps	N/A	100'	54"	205"L x 100"W x 102"H	11,000 lbs.	109-1300
CAPS	PCHH-150TD	150 ton	500 GPM	6"	460V	345 Amps	N/A	100'	54"	255"L x 101"W x 102"H	14,500 lbs.	109-1350
CAPS	PCHH-200TD	200 ton	600 GPM	6"	460V	379 Amps	Installed	100'	54"	292"L x 100"W x 102"H	20,000 lbs.	109-1520
CAPS	PCHH-417TD	400 ton	1,200 GPM	6"	460V	752 Amps	Installed	100'	N/A	636"L x 103"W x 158"H	48,000 lbs.	109-1560

*400 ton chiller is complete with air-ride trailer.

**FPCC: Fork pockets center to center. Please check fork pocket sizes. Most are 4" x 10" or 6" x 10" depending on model.

400 ton chillers are trailer mounted with 8 lifting eyes.

AIR TOOLS

IMPACT WRENCHES, BACKFILL TAMPERS, POST DRIVERS

AIR IMPACT WRENCHES provide high-speed bolt torquing in industrial and construction applications. Factors to consider when selecting an impact wrench for a specific application are the diameter of the bolts being tightened, the approximate torque requirement and the intended use frequency. Impact sockets are also available for rent. (Cat-Class 150-0155)



Universal Tool UT8160R

1/2" Square Drive



Universal Tool UT7560C-75

3/4" Square Drive



Universal Tool UT1040C

1" Square Drive



Universal Tool UT1550S

No. 5 Spline Drive



	Make	Model	Drive/Style	No-Load Speed	Impacts/Min	Max Torque	Air Requirement	Weight	Cat-Class
TF	Ingersoll	2707P1	1/2" square/pistol	7,750 RPM	1,300	450 ft. lbs.	26 CFM @ 90 PSI	6 lbs.	002-0040
TF	Ingersoll	2135PT1	1/2" square/pistol	9,500 RPM	1,250	600 ft. lbs.	24 CFM @ 90 PSI	5 lbs.	002-0040
TF	Universal Tool	UT8160R	1/2" square/pistol	9,000 RPM	1,250	725 ft. lbs.	29 CFM @ 90 PSI	4 lbs.	002-0040
TF	Universal Tool	UT7560C-75	3/4" square/pistol	5,700 RPM	1,050	1,025 ft. lbs.	35 CFM @ 90 PSI	12 lbs.	002-0045
TF	Ingersoll	2925P1	3/4" square/pistol	5,200 RPM	1,050	1,450 ft. lbs.	60 CFM @ 90 PSI	12 lbs.	002-0045
TF	Ingersoll	2161P	3/4" square/pistol	6,000 RPM	1,050	1,250 ft. lbs.	46 CFM @ 90 PSI	12 lbs.	002-0045
	Universal Tool	UT7560C-1	1" square/pistol	5,700 RPM	1,050	1,025 ft. lbs.	35 CFM @ 90 PSI	12 lbs.	002-0050
	Ingersoll	1712B2	1" square/straight	6,000 RPM	800	1,350 ft. lbs.	56 CFM @ 90 PSI	18 lbs.	002-0050
	Universal Tool	UT1040C	1" square/straight	5,000 RPM	800	2,000 ft. lbs.	58 CFM @ 90 PSI	22 lbs.	002-0050
	Ingersoll	3940B2T1	1" square/straight	6,000 RPM	800	2,500 ft. lbs.	75 CFM @ 90 PSI	21 lbs.	002-0050
	Ingersoll	2950B7	1-1/2" square/straight	3,750 RPM	650	3,000 ft. lbs.	70 CFM @ 90 PSI	33 lbs.	002-0049
	Universal Tool	UT1550C	1-1/2" square/straight	3,750 RPM	650	3,000 ft. lbs.	70 CFM @ 90 PSI	33 lbs.	002-0049
	Universal Tool	UT1550S	No. 5 spline/straight	3,750 RPM	650	3,000 ft. lbs.	70 CFM @ 90 PSI	33 lbs.	002-0048

AIR BACKFILL TAMPERS are ideal for compacting soil and asphalt in close quarters.

Applications include foundation and pavement repair, utility pole installation and temporary filling of holes. All models feature a round steel butt tamping foot and a long handle design for easy operation.



	Make	Model	BPM	Tamping Foot	Air Requirement	Length	Weight	Cat-Class
TF	APT	131	670	5-3/4"	42 CFM @ 90 PSI	52"	37 lbs.	002-0035

APT 131

Air Backfill Tamber



AIR POST DRIVERS are ideal for driving fence posts, channel posts, ground rods, beams and stakes in both open space and hard to reach locations. They feature fast, one-man or two-man operation. Two sizes of air post drivers are available plus a selection of chucks to accommodate specific applications.

Note: A transport cart is available for the model PD-55. (Cat-Class 044-0250)

Rhino PD-55

Air Post driver



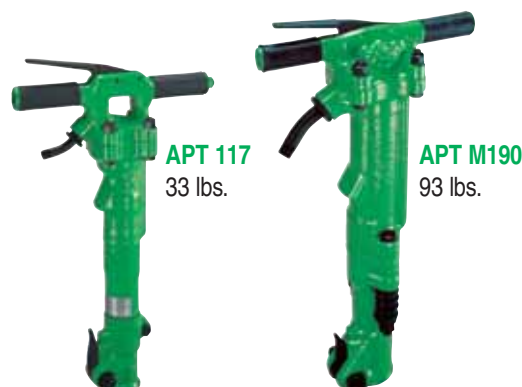
	Make	Model	Chuck*	Applications	Air Requirement	Weight	Cat-Class
TF	Rhino	PD-55	3-7/8"	Steel fence posts, ground rods	42 CFM @ 100 PSI	55 lbs.	002-0060
	Rhino	PD-140	4-1/4"	Beams up to 4" x 6", 12" sheet piling	64 CFM @ 100 PSI	138 lbs.	034-0520

*Chuck size shown is the master chuck—additional chucks are available to match specific applications.

AIR TOOLS

DEMOLITION TOOLS

PAVING BREAKERS are heavy-duty air hammers utilized for the demolition of concrete floors, pavement, masonry walls and bridge decks. All models feature T-style handles for a secure grip and lever-type latches for easy tool changes. 35 lb., 65 lb. and 90 lb. class hammers are available to accommodate a variety of demolition applications. Demolition tool steel, including chisels, points, spades and bushing heads, is also available for rent.



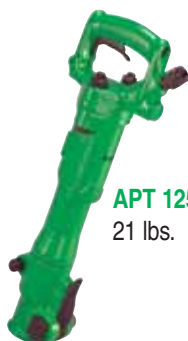
	Make	Model	Class	Applications	Chuck Size	Retainer	BPM	Air Requirement	Length	Weight	Cat-Class
TF	APT	117	35 lbs.	Light-to med-duty	1" hex x 4-1/4"	round	1,850	37 CFM @ 90 PSI	23"	36 lbs.	002-0015
TF	Tamco	TBP30	35 lbs.	Light-to med-duty	1" hex x 4-1/4"	round	1,550	49 CFM @ 90 PSI	22"	33 lbs.	002-0015
TF	APT	M160	65 lbs.	Med-to heavy-duty	1-1/8" hex x 6"	round	1,680	65 CFM @ 90 PSI	26"	70 lbs.	002-0020
TF	Tamco	TBP60	65 lbs.	Med-to heavy-duty	1-1/8" hex x 6"	round	1,400	70 CFM @ 90 PSI	25"	66 lbs.	002-0020
TF	APT	M190	90 lbs.	Heavy-duty	1-1/8" hex x 6"	round	1,350	80 CFM @ 90 PSI	29"	93 lbs.	002-0025
TF	Tamco	TBP90	90 lbs.	Heavy-duty	1-1/8" hex x 6"	round	1,250	77 CFM @ 90 PSI	28"	92 lbs.	002-0025

*65 lb. and 90 lb. models are also available with 1-1/4" x 6" hex chucks.

CHIPPING HAMMERS are utilized for many light demolition applications including scaling, chiseling, removing concrete buildup from cement mixers and other surfaces and form stripping. They feature compact designs, making them ideal for working in tight spaces. The 20 lb. class models are light paving breakers that function as clay diggers suitable for digging and tunneling around foundations. Demolition tool steel, including chisels, points, spades and bushing heads, is also available for rent.



APT M263
14 lbs.



APT 125
21 lbs.



Demolition Tool Steel

is available for rent with demolition tools includingmoil points, chisels, bushing heads, rivet busters and spades



	Make	Model	Class	Grip Type	Latch Style	Chuck	BPM	Air Requirement	Length	Weight	Cat-Class
TF	APT	M263	15 lbs.	D-style	spring-type	.680" round	1,650	33 CFM @ 90 PSI	15"	14 lbs.	002-0005
TF	APT	M264	15 lbs.	D-style	spring-type	.680" round	1,375	34 CFM @ 90 PSI	16"	15 lbs.	002-0005
TF	APT	M654	15 lbs.	Pistol grip	spring-type	.680" round	1,375	36 CFM @ 90 PSI	15"	18 lbs.	002-0005
TF	Tamco	TCH3B	15 lbs.	D-style	spring-type	.680" round	2,200	31.5 CFM @ 90 PSI	16"	19 lbs.	002-0005
TF	Tamco	TCH2B	15 lbs.	D-style	spring-type	.680" round	2,800	30 CFM @ 90 PSI	15"	18 lbs.	002-0005
TF	APT	125	20 lbs.	D-style	lever-type	7/8" hex x 3-1/4"	2,120	42 CFM @ 90 PSI	18"	21 lbs.	002-0010
TF	Tamco	TCH4B	20 lbs.	D-style	spring-type	.680" round	1,800	33 CFM @ 90 PSI	17"	17 lbs.	002-0010

APT PAVING BREAKERS

Proven Power. Rugged Reliability.



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AIR TOOLS

DEMOLITION TOOLS

RIVET BUSTERS are high impact air hammers designed to cut rivets off metal structures such as bridge decks. These efficient units are also popular for cutting underground tanks. Both models feature a compact design with D-style handles to enable working in close quarters. They utilize 11X jumbo rivet buster tools, available in several tool lengths and point styles.



APT 1133
33 lbs.



TAMCORB-1133
34 lbs.

	Make	Model	BPM	Stroke	Air Requirement	Length	Weight	Cat-Class
TF	APT	133	1,140	8"	46 CFM @ 90 PSI	23"	30 lbs.	002-0001
TF	Tamco	TAMCORB-133	960	8"	46 CFM @ 90 PSI	22"	30 lbs.	002-0001
TF	APT	1133	850	11"	52 CFM @ 90 PSI	26"	33 lbs.	002-0001
TF	Tamco	TAMCORB-1133	960	11"	46 CFM @ 90 PSI	22"	34 lbs.	002-0001

ROCK DRILLS are designed for drilling through granite, hard faced rock, quarry drilling, drilling secondary holes for blasting and numerous other construction and plant maintenance applications. Utilizing steel or carbide rock bits attached to drill steel, these units apply both impact and rotation to penetrate hard surfaces. The 9 lb. models are ideal for drilling holes for anchor bolts and dowel holes. They feature a D-style handle and a 3/4" x 3-3/4" round chuck. Larger models feature T-style handles for secure grip and clamp-type latches for quick tool changes.



APT M155
61 lbs.



Drill Steel & Bits

A wide selection of drill steel and carbide drill bits is available
Drill bits are offered for sale only



	Make	Model	Class	Rotation	BPM	Chuck Size	Air Requirement	Length	Weight	Cat-Class
	APT	M109	9 lbs.	variable	3,400	3/4" x 3-1/4" round	21 CFM @ 90 PSI	15"	9 lbs.	002-0028
	APT	M115	15 lbs.	1-speed	2,900	7/8" x 3-1/4" hex	36 CFM @ 90 PSI	18"	19 lbs.	002-0029
	Tamco	THD-1100N	15 lbs.	1-speed	3,200	7/8" x 3-1/4"	28.3 CFM @ 90 PSI	7"	11 lbs.	002-0029
TF	APT	M137	35 lbs.	4-speed	2,300	1" x 4-1/4" hex	90 CFM @ 90 PSI	20"	38 lbs.	002-0031
TF	Tamco	TJ-15	35 lbs.	variable	2,450	7/8" x 4-1/4"	56 CFM @ 90 PSI	18"	30 lbs.	002-0031
TF	APT	155	60 lbs.	3-speed	2,100	1" x 4-1/4" hex	120 CFM @ 90 PSI	22"	61 lbs.	002-0030
TF	Tamco	TS-55	50 lbs.	3-speed	1,800	1" x 4-1/4"	91.81 CFM @ 90 PSI	22"	59 lbs.	002-0030



Demolition Tool Steel

Tool steel is available for rent with demolition tools including moil points, chisels, bushing heads, rivet busters and spades



Air Hose

Air hose ranging from 3/8" to 3" diameter is available (see page 25)

AIR TOOLS

INDUSTRIAL AIR TOOLS

INDUSTRIAL AIR TOOLS are ideal for use in applications where a source of compressed air is available and electric power is unavailable.



Figure	Make	Model	Description	Capacity	Speed	Air Requirement	Weight	Cat-Class
A	Unitec	AirBand	Band Saw	4-3/4"	130-220 SPM	20 CFM @ 90 PSI	14 lbs.	002-0034
B	Ingersoll	S80	Circular Saw	8-1/4"	4,000 RPM	67 CFM @ 90 PSI	15 lbs.	002-0033
C	Universal Tool	UT4425	Die Grinder	1/4" collet	25,000 RPM	22 CFM @ 90 PSI	2 lbs.	002-0051
*	Ingersoll	HD180RG4	Die Grinder	1/4" collet	18,000 RPM	43 CFM @ 90 PSI	2 lbs.	002-0051
D	Ingersoll	7ANSTB	Drill, Standard	1/2"	900 RPM	25 CFM @ 90 PSI	3 lbs.	002-0038
E	Ingersoll	22KA1	Drill, Large	9/16"	725 RPM	55 CFM @ 90 PSI	15 lbs.	002-0396
F	Ingersoll	33SKA	Drill, Large	1-1/4"	300 RPM	85 CFM @ 90 PSI	25 lbs.	002-0398
G	Unitec	5-1212-0010	Hack Saw	2-3/8"	330 SPM	51 CFM @ 90 PSI	15 lbs.	002-0036
H	APT	317 Kit	Needle Scaler	19 needles	4,000 BPM	7 CFM @ 90 PSI	7 lbs.	002-0054
*	Ingersoll	182LNA1	Needle Scaler	19 needles	4,000 BPM	13 CFM @ 90 PSI	6 lbs.	002-0054
I	Ingersoll	SRA010A1	Reciprocating Saw	6" blade	1,600 SPM	21 CFM @ 90 PSI	8 lbs.	002-0037
J	Ingersoll	HA120RP1045	Wheel Grinder	4-1/2" wheel	12,000 RPM	43 CFM @ 90 PSI	3 lbs.	002-0201
*	Ingersoll	88V60P107	Wheel Grinder	7" wheel	6,000 RPM	61 CFM @ 90 PSI	9 lbs.	002-0202
K	Unitec	AB-4300-2 ¹	Air Magnetic Drill	2-1/16"	500 RPM	32 CFM @ 90 PSI	34 lbs.	002-0400
L	Unitec	2-2404-0010 ¹	Air Rotary Hammer	1" concrete/2-1/2" brick	3,000 BPM/0-400 RPM	21 CFM @ 90 PSI	11 lbs.	002-0410

*Not illustrated

¹Air Magnetic Drills and Air Rotary Hammers are offered by Sunbelt Rentals' Industrial Services. Call 855-260-6726 for the closest Industrial Services location.



Air Hose

Air hose ranging from 3/8" to 3" diameter is available (see page 25)

AIR TOOLS

AIR NAILERS, AIR STAPLERS

AIR NAILERS & STAPLERS are ideal for performing many specialized construction applications utilizing coiled or stick-type fasteners. Air-powered nailers and staplers are powered by a 90–100 PSI compressed air source. A full line of coiled and stick-type fasteners are available.



A: Stanley-Bostitch N62FN
Angled Finish Nailer



B



C



D



E



F



G



H



I



J



K



Figure	Make	Model	Description	Fastener Types	Capacity	Weight	Cat-Class
A	Stanley-Bostitch	N62FN	Angled Finish Nailer	1-1/2"-2-1/2" finish nails	130	4 lbs.	002-0160
B	DeWalt	DWFP71917	Finish Nailer	1-1/4"-2-1/2"	100	4 lbs.	002-0160
C	Stanley-Bostitch	BTFP72156	Finish Nailer	1-1/4"-2-1/2"	129	4 lbs.	002-0160
D	Stanley-Bostitch	RN46-1	Coil Roofing Nailer	3/4"-1-3/4" roofing nails	120	5 lbs.	002-0150
E	DeWalt	DWF83PL	Framing Nailer	2"-3-1/4"	50	8 lbs.	002-0155
F	Stanley-Bostitch	MIII812CNCT	Industrial Concrete Nailer	9/16"-2-1/2" T-nails	66	7 lbs.	002-0190
G	Stanley-Bostitch	450S2-1	Jam-free Lathing Stapler	1/2"-2" 16 ga. Staples	160	5 lbs.	002-0168
*	Stanley-Bostitch	LHF97125-2	Laminated Floor Stapler	1" 20 ga. Staples	100	3 lbs.	002-0168
H	DeWalt	DWFP12233	Finish Nailer	5/8"-2-1/8"	100	3 lbs.	002-0175
I	Powernail	445LS T&G	Mallet-Actuated Floor Nailer	1-1/2"-2" 16 ga. Powercleat nails	100	11 lbs.	002-0180
*	Powernail	200 T&G	Mallet-Actuated Floor Nailer	1"-2" 20 ga. E-Powercleat nails	100	9 lbs.	002-0180
J	Powernail	50P ¹	Mallet-Actuated Floor Nailer	1"-1-3/4" 18 ga. Powercleat nails	100	10 lbs.	002-0180
*	Powernail	445FS	Mallet-Actuated Floor Stapler	1-1/2"-2" 15.5 ga. PowerStaples	100	11 lbs.	002-0168
K	Stanley-Bostitch	MIIIFS	Mallet-Actuated Floor Stapler	1-1/2"-2" 15.5 ga. Staples	92	11 lbs.	002-0168

*Not illustrated

¹Powernail 50P is designed for 3/8"-5/8" floors including engineered, bamboo and exotic hardwoods.

BACKHOE LOADERS

COMPACT BACKHOE LOADERS

COMPACT BACKHOE LOADERS are ideal for performing a variety of landscaping, spreading, digging and loading operations in places inaccessible by larger machines. Units are also rugged and powerful enough to perform more demanding applications such as septic tank and utility line installations.

- Gas and diesel power options
- Hydrostatic transmissions for easy operation



Quick-attach buckets are available for compact backhoe loaders, ranging from 10"-30" width



Terramite T5C
Compact Backhoe Loader



Kubota BX25
Compact Backhoe Loader



Make	Model	Engine	Max Digging Depth	Backhoe Lift Capacity	Loader Dump Height	Loader Lift Capacity	Overall Dimensions	Weight	Cat-Class
Terramite	T5C	Honda 20 HP gas	8' 4"	750 lbs.	81"	1,700 lbs.	13'L x 48"W x 82"H	3,100 lbs.	053-0110
Terramite	T7G	Kohler 25 HP diesel	8' 8"	750 lbs.	96"	1,700 lbs.	15'L x 58"W x 82"H	4,125 lbs.	053-0110
Terramite	T5X	Kohler 25 HP diesel	8' 6"	750 lbs.	81"	1,700 lbs.	13'L x 48"W x 82"H	3,100 lbs.	053-0110
Kubota	BX25	Kubota 25 HP diesel	6' 1"	N/A	26"	745 lbs.	8'L x 45"W x 86"H	1,542 lbs.	053-0110



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Call before you dig.**

One free, easy call gets your utility lines marked AND helps protect you from injury and expense.

Safe Digging is No Accident—Always Call 811 Before You Dig

Visit www.call811.com for more information

Logo and message printed courtesy of the Common Ground Alliance (CGA)

BACKHOE LOADERS

BACKHOE LOADERS

BACKHOE LOADERS provide outstanding versatility, performing a variety of digging, loading and utility applications. 2WD, 4WD and 4WD extendable dipper models are available, including both canopy and enclosed cab versions for most models.

- Diesel-powered for rugged performance
- 24" width standard backhoe bucket (12"–48" buckets available)
- Some models include an auxiliary hydraulic circuit for powering attachments such as a hydraulic breaker
- 4-speed synchronized transmissions
- 1 cu. yd. x 82" width loader bucket (Case)
- 1-1/4 cu. yd. x 88" width loader bucket (JCB)
- 1 cu. yd. x 84" width loader bucket (John Deere)



Case 580M 2WD Backhoe Loader



John Deere 310LEP 2WD Backhoe Loader



JCB 3CX-14 4WD Backhoe Loader



See page 160
for hydraulic
breakers available

Backhoe loader equipped
with hydraulic breaker



Make	Model	HP	Max Digging Depth	Backhoe Lift Capacity*	Loader Dump Height	Loader Lift Capacity	Overall Dimensions	Weight	Cat-Class
Case	580M 2WD	70	14' 3"	3,750 lbs.	8' 8"	6,182 lbs.	23'L x 86"W x 11' 3"H	13,959 lbs.	053-0210
JCB	3C-14 2WD	74	14' 4"	2,970 lbs.	8' 10"	6,750 lbs.	23'L x 88"W x 11' 2"H	13,222 lbs.	053-0210
John Deere	310L 2WD	70	14' 3"	4,446 lbs.	8' 10"	5,800 lbs.	23'L x 86"W x 11' 3"H	12,800 lbs.	053-0210
Case	580M 4WD Canopy	79	14' 3"	3,950 lbs.	8' 10"	6,182 lbs.	23'L x 86"W x 11' 3"H	14,096 lbs.	053-0230
Case	580N 4WD Canopy	78	14' 9"	4,112 lbs.	8' 10"	6,803 lbs.	23'L x 84"W x 11' 1"H	14,564 lbs.	053-0230
JCB	3CX-14 4WD Canopy	74	14' 7"	4,099 lbs.	9' 0"	7,670 lbs.	24'L x 92"W x 11' 3"H	15,439 lbs.	053-0230
John Deere	310G 4WD Canopy	70	14' 3"	4,859 lbs.	8' 10"	5,800 lbs.	23'L x 86"W x 11' 3"H	12,800 lbs.	053-0230
John Deere	310KEP 4WD Canopy	70	14' 2"	4,420 lbs.	8' 10"	6,600 lbs.	23'L x 86"W x 10' 11"H	14,283 lbs.	053-0230
Case	580N 4WD EX Canopy	78	14' 9"/18' 3"	3,910/2,855 lbs.	8' 10"	6,803 lbs.	23'L x 84"W x 11' 1"H	14,893 lbs.	053-0240
Case	580M 4WD EX Canopy	79	14' 10"/18' 3"	3,240/2,160 lbs.	8' 11"	6,182 lbs.	23'L x 86"W x 11' 7"H	14,526 lbs.	053-0240
JCB	3C-14 4WD Extradig Canopy	74	14' 7"/18'	3,450/1,745 lbs.	8' 10"	6,750 lbs.	23'L x 88"W x 11' 2"H	14,252 lbs.	053-0240
JCB	3CX-14 4WD Extradig Canopy	74	14' 7"/18' 6"	3,867/2,691 lbs.	9' 0"	7,670 lbs.	24'L x 92"W x 11' 7"H	16,437 lbs.	053-0240
John Deere	310G 4WD Extended Canopy	70	14' 5"/17' 11"	4,067/2,723 lbs.	8' 10"	5,800 lbs.	23'L x 86"W x 11' 3"H	15,090 lbs.	053-0240
John Deere	310KEP 4WD Extended Canopy	70	14' 4"/17' 10"	4,050/2,723 lbs.	8' 10"	6,600 lbs.	23'L x 86"W x 11' 1"H	14,723 lbs.	053-0240
Case	580M 4WD Cab	79	14' 3"	3,950 lbs.	8' 10"	6,182 lbs.	23'L x 86"W x 11' 3"H	14,096 lbs.	053-0310
Case	580N 4WD Cab	78	14' 9"	4,112 lbs.	8' 10"	6,803 lbs.	23'L x 84"W x 11' 1"H	14,564 lbs.	053-0310
JCB	3C-14 4WD Cab	74	14' 4"	2,970 lbs.	8' 10"	6,750 lbs.	23'L x 88"W x 11' 2"H	13,992 lbs.	053-0310
JCB	3CX-14 4WD Cab	74	14' 7"	4,099 lbs.	9' 0"	7,670 lbs.	24'L x 92"W x 11' 3"H	15,979 lbs.	053-0310
John Deere	310G 4WD Cab	70	14' 3"	4,859 lbs.	8' 10"	5,800 lbs.	23'L x 86"W x 11' 3"H	12,800 lbs.	053-0310
John Deere	310KEP 4WD Cab	70	14' 2"	4,420 lbs.	8' 10"	6,600 lbs.	23'L x 86"W x 10' 11"H	14,863 lbs.	053-0310
Case	580M 4WD EX Cab	79	14' 10"/18' 3"	3,240/2,160 lbs.	8' 11"	6,182 lbs.	23'L x 86"W x 11' 7"H	14,526 lbs.	053-0320
Case	580N 4WD EX Cab	78	14' 9"/18' 3"	3,910/2,855 lbs.	8' 10"	6,803 lbs.	23'L x 84"W x 11' 1"H	14,893 lbs.	053-0320
JCB	3C-14 4WD Extradig Cab	74	14' 7"/18'	3,450/1,745 lbs.	8' 10"	6,750 lbs.	23'L x 88"W x 11' 2"H	14,692 lbs.	053-0320
JCB	3CX-14 4WD Extradig Cab	74	14' 7"/18' 6"	3,867/2,691 lbs.	9' 0"	7,670 lbs.	24'L x 92"W x 11' 7"H	16,977 lbs.	053-0320
John Deere	310G 4WD Extended Cab	70	14' 5"/17' 11"	4,067/2,723 lbs.	8' 10"	5,800 lbs.	23'L x 86"W x 11' 3"H	15,090 lbs.	053-0320
John Deere	310KEP 4WD Extended Cab	70	14' 4"/17' 10"	4,050/2,723 lbs.	8' 10"	6,600 lbs.	23'L x 86"W x 11' 1"H	15,303 lbs.	053-0320

*Lift capacities shown reflect 8' above ground ratings. Dual ratings for extendable dipper models reflect retracted/extended dipper modes.

Units equipped with 4-in-1 buckets may be available in certain markets.

CHAIN HOISTS & AIR WINCHES

MANUAL CHAIN HOISTS, LEVER HOISTS, ELECTRIC CHAIN HOISTS

MANUAL CHAIN HOISTS feature rugged steel construction and hook suspension mounting for safe, dependable lifting of light to medium loads.

- 1- to 25-ton capacity models are available with standard lifts of 10', 20', 30' and 50'. Non-standard lifts up to 80' are also available
- CFO-series hoists feature a compact design and are ideal for maintenance applications
- CF-series hoists feature a unique hand chain guide for smooth operation without jamming



Harrington Hoist CF010-10
1-ton Manual Chain Hoist

LEVER HOISTS are suitable for a variety of industrial lifting, pulling and positioning applications. They feature a rugged, compact design and require minimum effort to handle heavy loads. Forged steel alloy load hooks have wide throat openings with slip-resistant barbed tips to better retain slings. 5', 10' and 20' lift chains are available.



Harrington Hoist LB015-10
1-1/2-ton Lever Hoist



JLC4008-1-40
2-ton Electric Hoist

ELECTRIC CHAIN HOISTS utilize a helical/spur gear drive that provides smooth, quiet operation. 2-ton and 4-ton hoists are available, equipped with a pendant control. 40', 50' and 60' lift chains are available.

- Totally enclosed, high torque motors for heavy-duty operation
- NEMA 3R hoist enclosures and NEMA 4X pendant enclosures provide dependable outdoor operation
- Latch-type swivel hooks, top and bottom



Make	Model	Capacity	Chain Falls	Lifting Speed	HP	Voltage	Amp Rating	Weight	Cat-Class
Harrington Hoist	SNER020L-40	2 ton	1	32 FPM	2.4	115V	7.6/3.8	130 lbs.	081-0415
Harrington Hoist	SNER020L-50	2 ton	1	32 FPM	2.4	115V	7.6/3.8	130 lbs.	081-0415
Harrington Hoist	SNER020L-60	2 ton	1	32 FPM	2.4	115V	7.6/3.8	130 lbs.	081-0415
Columbus McKinnon	EC8008340	4 ton	2	16 FPM	3.6	230/460V, 3-phase	12.0/6.0	236 lbs.	081-0425
Columbus McKinnon	EC8008360	4 ton	2	16 FPM	3.6	230/460V, 3-phase	12.0/6.0	236 lbs.	081-0425



Make	Model	Capacity	Lift	Weight	Cat-Class
Harrington Hoist	CF010-10	1 ton	10'	25 lbs.	081-0210
Harrington Hoist	CF010-20	1 ton	20'	30 lbs.	081-0215
Harrington Hoist	CF010-30	1 ton	30'	36 lbs.	081-0220
Harrington Hoist	CF010-50	1 ton	50'	52 lbs.	081-0225
Harrington Hoist	CF015-10	1-1/2 ton	10'	48 lbs.	081-0226
Harrington Hoist	CF015-20	1-1/2 ton	20'	48 lbs.	081-0227
Harrington Hoist	CF015-30	1-1/2 ton	30'	48 lbs.	081-0228
Harrington Hoist	CF020-20	2 ton	20'	60 lbs.	081-0235
Harrington Hoist	CF020-30	2 ton	30'	70 lbs.	081-0240
Harrington Hoist	CF020-50	2 ton	50'	95 lbs.	081-0245
Harrington Hoist	CF030-10	3 ton	10'	66 lbs.	081-0250
Harrington Hoist	CF030-15	3 ton	15'	89 lbs.	081-0255
Harrington Hoist	CF030-20	3 ton	20'	105 lbs.	081-0255
Harrington Hoist	CF030-30	3 ton	30'	105 lbs.	081-0260
Ingersoll-Rand	MCH5-030-50	3 ton	30'	144 lbs.	081-0265
Harrington Hoist	CF050-10	5 ton	10'	77 lbs.	081-0270
Harrington Hoist	CF050-20	5 ton	20'	106 lbs.	081-0275
Harrington Hoist	CF050-30	5 ton	30'	128 lbs.	081-0280
Harrington Hoist	CF050-50	5 ton	50'	179 lbs.	081-0285
Harrington Hoist	CF100-10	10 ton	10'	158 lbs.	081-0290
Harrington Hoist	CF100-20	10 ton	20'	225 lbs.	081-0295
Harrington Hoist	CF100-30	10 ton	30'	263 lbs.	081-0300
Harrington Hoist	CF100-50	10 ton	50'	368 lbs.	081-0310
Harrington Hoist	CF150-20	15 ton	20'	419 lbs.	081-0320
Harrington Hoist	CF150-30	15 ton	30'	499 lbs.	081-0325
Harrington Hoist	CF300-30	30 ton	30'	870 lbs.	081-0355
Ratcliff	H-80-25A	25 ton	30'	870 lbs.	081-0355



Make	Model	Capacity	Lift	Weight	Cat-Class
Ingersoll-Rand	LV150-5	3/4 ton	5'	12 lbs.	081-0040
Harrington Hoist	LB008-10	3/4 ton	10'	14 lbs.	081-0045
Harrington Hoist	LB008-20	3/4 ton	20'	18 lbs.	081-0050
Ingersoll-Rand	LV300-5	1-1/2 ton	5'	21 lbs.	081-0070
Harrington Hoist	LB015-10	1-1/2 ton	10'	24 lbs.	081-0075
Harrington Hoist	LB015-20	1-1/2 ton	20'	30 lbs.	081-0080
Ingersoll-Rand	LV600-5	3 ton	5'	35 lbs.	081-0085
Harrington Hoist	LB030-10	3 ton	10'	40 lbs.	081-0090
Harrington Hoist	LB030-20	3 ton	20'	45 lbs.	081-0095
Harrington Hoist	LB060-10	6 ton	10'	77 lbs.	081-0105
Harrington Hoist	LB060-20	6 ton	20'	99 lbs.	081-0110

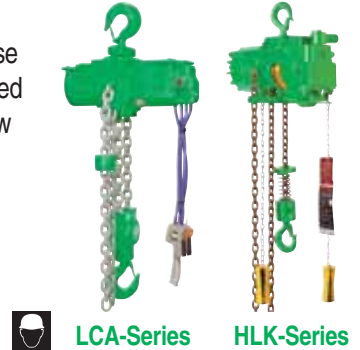
CHAIN HOISTS & AIR WINCHES

AIR CHAIN HOISTS, BEAM TROLLEYS, BEAM CLAMPS

AIR CHAIN HOISTS are ideal for lifting applications where a compressed air supply is available. With no electrical hazard, they provide freedom from electrical shock and are ideal for use in flammable environments such as chemical plants and refineries. Air chain hoists are the preferred choice for use in dusty or dirty environments. Other features include accurate load spotting and low maintenance requirements. Models ranging from 1-ton to 25-ton capacity are available.

- 100% duty cycle rated for continuous operation
- Latch-type swivel hooks, top and bottom

Note: By removing the bottom block on the 2-ton and 12-ton hoists, the lift capacity is halved (1 ton and 6 tons respectively) and the lifting speed is doubled. Air requirements remain the same.



LCA-Series

HLK-Series

Make	Model	Capacity	Chain Falls	Lifting Speed (rated load)	Lifting Speed (no load)	Lowering Speed (rated load)	Air Requirement	Weight	Cat-Class
Ingersoll-Rand	HL1000K-OC30-CO	1 ton	1	26.0 FPM	40.0 FPM	37.0 FPM	70 CFM @ 90 PSI	84 lbs.	081-0510
JD Neuhaus	Profi 1TI/2TI ²	1 ton/2 ton	1 or 2	18.0/9.0 FPM	36.0/18.0 FPM	36.0/18.0 FPM	53 CFM @ 85 PSI	62/75 lbs.	081-0515
JD Neuhaus	Profi 1.5TI/3TI-2 ²	1.5 tons/3 ton	1 or 2	19.7/9.8 FPM	32.8/16.4 FPM	39.4/19.7 FPM	127 CFM @ 85 PSI	123/146 lbs.	081-0517
Ingersoll-Rand	HL2000K-OC30-CO	2 ton	2	13.0 FPM	20.0 FPM	18.0 FPM	70 CFM @ 90 PSI	125 lbs.	081-0515
JD Neuhaus	Profi 3TI/6TI ²	3 tons/6 ton	1 or 2	16.4/8.2 FPM	32.8/16.4 FPM	35.4/17.7 FPM	195 CFM @ 85 PSI	190/243 lbs.	081-0525
Ingersoll-Rand	HL4500K-OC30-CO	4-1/2 ton	3	4.6 FPM	10.5 FPM	10.0 FPM	70 CFM @ 90 PSI	193 lbs.	081-0520
Ingersoll-Rand	LCA0601C19MO	6 ton	1	5.9 FPM	11.8 FPM	9.8 FPM	124 CFM @ 90 PSI	286 lbs.	081-0525
JD Neuhaus	Profi 10TI	10 ton	2	5.2 FPM	10.5 FPM	11.2 FPM	195 CFM @ 85 PSI	344 lbs.	081-0527
Ingersoll-Rand	LCA120D1C1C9MO	12 ton	2	3.0 FPM	5.9 FPM	4.9 FPM	124 CFM @ 90 PSI	396 lbs.	081-0530
Ingersoll-Rand	HA1-010MA3-100 ¹	10 ton	2	5.0 FPM	5.0 FPM	7.5 FPM	165 CFM @ 90 PSI	1,105 lbs.	081-0530
JD Neuhaus	Profi 16TI	16 ton	3	3.3 FPM	6.6 FPM	6.9 FPM	195 CFM @ 85 PSI	529 lbs.	081-0535
Ingersoll-Rand	LCA180T1C19MO	18 ton	3	1.6 FPM	3.3 FPM	3.3 FPM	124 CFM @ 90 PSI	484 lbs.	081-0535
Ingersoll-Rand	LCA250Q1C1C9MO	25 ton	4	1.3 FPM	2.6 FPM	2.5 FPM	124 CFM @ 90 PSI	506 lbs.	081-0540
JD Neuhaus	Profi 25TI	25 ton	2	4.1 FPM	7.9 FPM	9.2 FPM	230 CFM @ 85 PSI	1,213 lbs.	081-0540

¹This model includes an air-powered motorized trolley with a 6"-8" flange adjustment.

²Dual capacity models that can be configured with either single or double chain falls.

BEAM TROLLEYS provide a convenient means to suspend chain hoists from an overhead beam and provide horizontal travel. Both manual (push-type) and geared trolleys are available in a variety of capacities for both manual and powered hoists up to 20-ton capacity.

- Trolleys adjust easily to fit any beam flange within range
- 5:1 design factor allows use with manual and powered hoists
- Dual tread wheels allow use on flat or tapered flange beams
- Wheels run on sealed ball bearings for long life and low maintenance



Push Trolley



Geared Trolley

Make	Model	Type	Capacity	Std Flange Adjustment	Min Beam Height	Min Curve Radius	Weight	Cat-Class
Harrington Hoist	PTF2010	Push	1 ton	2.5"-8.0"	4.3"	42"	23 lbs.	081-0610
Harrington Hoist	PTF2020 ¹	Push	2 ton	3.5"-8.0"	4.9"	48"	39 lbs.	081-0620
Harrington Hoist	PTF2030	Push	3 ton	3.9"-8.0"	6.2"	48"	60 lbs.	081-0630
Harrington Hoist	PTF2050 ¹	Push	5 ton	4.5"-8.0"	6.9"	60"	93 lbs.	081-0640
Harrington Hoist	PTF100	Push	10 ton	4.9"-12.0"	8.3"	96"	157 lbs.	081-0650
Ingersoll-Rand	SG050	Geared	5 ton	4.5"-8.0"	6.9"	60"	101 lbs.	081-0670
Ingersoll-Rand	SG100	Geared	10 ton	4.9"-12.0"	8.3"	96"	165 lbs.	081-0680
Ingersoll-Rand	SG200	Geared	20 ton	5.4"-12.0"	10.3"	120"	379 lbs.	081-0690

¹Wide beam extension kits are available for these models.

BEAM CLAMPS provide a temporary or permanent fixed mount tapered or flat beams.

- Low headroom design adjusts to fit flange widths and beam sizes
- 5:1 design factor allows use with manual and powered hoists



BC-Series Beam Clamp



Make	Model	Capacity	Beam Width	Weight	Cat-Class
Ingersoll-Rand	BC-3	3 ton	3.2"-12.6"	9 lbs.	081-0710
Ingersoll-Rand	BC-5	5 ton	3.6"-12.6"	11 lbs.	081-0720

CHAIN HOISTS & AIR WINCHES

AIR WINCH BASICS

Winch Capacity: Winches can lift or pull the highest loads at the first layer and can lift/pull the least at the top layer. This is due to the “torque arm” effect of the rope spooling on the winch drum. The closer the load is to the drum, the easier it is for the drum to turn and move the load. The farther away the load is from the drum, the harder it is for the winch to turn.

Winch Speed: Winches generally move the load fastest at the

top layer and slowest at the first layer, which is opposite from winch capacity. This is because the outer layer is moving faster than the inner layer.

Winch Capacity/Speed Summary:

Top layer – Maximum speed, Minimum pull

Mid layer – Medium speed, Medium pull

First layer – Minimum speed, Maximum pull

Why choose an air winch?

- Air winches are simple, rugged, reliable sources of enormous lifting and pulling power for their weight.
- Air motors cannot burn out; they can be operated all day without damage, making air winches ideal for tensioning applications, such as holding a barge in place. And when air winches are stalled, they use no air.
- Air winches have exceptional load “spotting” ability.
- Speed control is variable from a slow creep to full speed.
- Air winches are well suited for applications in hot, cold, dusty, dirty, explosive and wet conditions. They pose no electrical shock hazard, require no special enclosures, and there are no high-pressure hydraulic lines to leak.
- Air winches have an unlimited duty cycle.
- Air winches can be reeved for increased capacity easily.
- Air winches are easy to service and repair.

Winch Selection Guidelines: Follow these guidelines to choose the correct utility winch for your application.

1. First, consider these three fundamental questions:
 - a. How much is to be lifted, pulled or tensioned?
 - b. How fast does the load need to be moved (if at all)?
 - c. How much wire rope is needed?
2. Choose a winch with a lifting capacity equal to or greater than your application load.
3. Make sure the average speed meets your criteria for cycle time.
4. Wire rope selection is based on a 5:1 design factor and an 18:1 D/d ratio. The 18:1 D/d ratio is an ANSI/ASME B30-7 recommendation and is calculated as $D + d / d$ where D = winch barrel diameter and d = wire rope size. The higher the ratio, the longer the wire rope life. As a guideline, this ratio should never go below 15:1. The use of 6 x 37 rope will increase flexibility.

Tip: Consider using a pulley to increase capacity, reduce speed and obtain better load control.

Winch Selection Checklist

Power Source:

- ☐ Manual _____
- ☐ Air (pressure, flow) _____
- ☐ Electric (cycles, phase, voltage) _____

Lifting or pulling application _____ How far/how high? _____

Selected winch capacity _____ Winch speed? _____ FPM

Speed at mid-drum, top, or first wrap layer? _____ FPM

Drum storage _____ Rope diameter _____

Duty cycle (if known) _____

Time required to complete lift or pull (speed) _____ FPM

Control type (local, remote, electrical voltage. Include maximum distance.) _____

Special standards or documents required? _____ Name/no. _____

Date required _____

Duration of rent _____

CHAIN HOISTS & AIR WINCHES

AIR WINCHES, GANTRY CRANES

AIR WINCHES are ideal for lifting, pulling and tensioning of materials. Applications include construction, heavy industrial, utilities, shipbuilding and petrochemical.

- Meet or exceed ANSI/ASME winch standards
- Open front design for horizontal pulling
- Piston air motors for positive starts and excellent spotting
- Galvanized steel cages for easy handling and durability
- Dual winch "waterfall" configurations available



1,000 lb. Air Winch



4,000 lb. Air Winch



10,000 lb. Air Winch



Dual "Waterfall" 10,000 lb. Air Winch

Make	Model	Capacity*	Brake Type	Drum Length	HP	Air Requirement	Air Inlet	Weight	Cat-Class
Ingersoll-Rand	BU7AQ-E	1,000 lbs.	Manual Band	4.5"	1.6	50 CFM @ 90 PSI	3/4"	75 lbs.	082-0100
Ingersoll-Rand	EULQ-S	2,000 lbs.	Manual Band	12.9"	4.4	100 CFM @ 90 PSI	3/4"	440 lbs.	082-0200
Ingersoll-Rand	FA2B-LMX1HQ-S	4,000 lbs.	Manual Band	20.0"	16.0	375 CFM @ 90 PSI	1-1/4"	738 lbs.	082-0300
Thern	TA2-24MX1	4,000 lbs.	Manual Band	24.0"	7.1	250 CFM @ 90 PSI	1"-25.4mm	1,100 lbs.	082-0300
Ingersoll-Rand	FA5A-LMX1HQ-S	10,000 lbs.	Manual Band	27.0"	25.0	600 CFM @ 90 PSI	1-1/4"	1,176 lbs.	082-0400
Thern	TA7-30AX1	10,000 lbs.	Auto Band	30.0"	14.4	550 CFM @ 90 PSI	1.5"-38.1mm	3,620 lbs.	082-0450

*Capacity is based on mid-layer lift capacity rating.

Dual "Waterfall" Winch Specifications

Make	Model	Capacity*	Brake Type	Drum Length	HP	Air Requirement	Air Inlet	Weight	Cat-Class
Ingersoll-Rand	FA2.5A-WFS/01085	5,000 lbs.	Auto Drum/Disc	20.0"	25.0	700 CFM @ 90 PSI	1-1/4"	2,500 lbs.	082-0500
Ingersoll-Rand	FA5A-WFS/01085	10,000 lbs.	Auto Drum/Disc	27.0"	25.0	700 CFM @ 90 PSI	1-1/4"	3,600 lbs.	082-0600

*Capacity is based on mid-layer lift capacity rating.

Note: These models include two winches mounted on a common pedestal in a "waterfall" configuration. Above specifications (except weight) are for each winch.

Performance Ratings

Model	Lift Capacity Ratings*			Line Pull Ratings**		
	First Layer	Mid Layer	Top Layer	First Layer	Mid Layer	Top Layer
BU7AQ-E	1,200 lbs./36 FPM	1,000 lbs./43 FPM	1,000 lbs./39 FPM	1,500 lbs./26 FPM	1,200 lbs./34 FPM	1,000 lbs./39 FPM
EULQ-S	2,100 lbs./62 FPM	2,000 lbs./68 FPM	2,000 lbs./64 FPM	3,000 lbs./45 FPM	2,600 lbs./49 FPM	2,000 lbs./64 FPM
FA2B-LMX1HQ-E	5,000 lbs./79 FPM	4,000 lbs./96 FPM	3,200 lbs./122 FPM	5,100 lbs./76 FPM	4,000 lbs./96 FPM	3,200 lbs./122 FPM
FA2.5A-WFS/01085	7,000 lbs./97 FPM	5,800 lbs./117 FPM	5,000 lbs./132 FPM	8,000 lbs./79 FPM	6,600 lbs./42 FPM	5,300 lbs./119 FPM
FA5A (both models)	11,400 lbs./50 FPM	10,000 lbs./32 FPM	8,000 lbs./43 FPM	13,100 lbs./26 FPM	10,000 lbs./32 FPM	8,000 lbs./43 FPM

*Lift capacity ratings are based on ANSI/ASME B30.16 allowable line pulls. (5:1 design factor)

**Line pull ratings are based on ANSI/ASME B30.7 allowable line pulls. (3.5:1 design factor)

Drum Wire Rope Capacities

Model	1/4" Cable	5/16" Cable	3/8" Cable	7/16" Cable	1/2" Cable	5/8" Cable	3/4" Cable
BU7AQ-E	228'	132'					
EULQ-S		946'	619'	465'			
FA2B-LMX1HQ-E			1,758'	1,371'	1,068'	625'	
FA2.5A-WFS/01085			1,758'	1,371'	1,068'	625'	
FA5A (both models)						1,802'	1,355'

Note: Wire rope must be purchased separately from winches. Either 6 x 19 or 6 x 37 Extra Improved Plow Steel (EIPS) with independent wire rope core (IWRC) is recommended

GANTRY CRANES are ideal for performing many industrial lifting applications. They feature adjustable span, height and caster frame spread and are suitable for mounting a variety of trolleys and chain hoists. Unit features a knock-down design for portability and weighs 386 lbs.

Wallace A4T12-A10 (Cat-Class 044-0075)

- 2-ton capacity, 10' beam span, 5' clear span
- Aluminum alloy construction with 8" casters
- Overall height is adjustable from 8' 1" to 12' 6"
- Caster frame spread is adjustable from 6' to 10'

Wallace 2-ton Gantry Crane
With optional trolley and chain hoist



COMPACTION EQUIPMENT

SOIL COMPACTION BASICS

WHAT IS SOIL COMPACTION? Compaction is the process of applying energy to loose soil or other material in order to increase its density and consequently its load-bearing capacity. This is accomplished by moving or rearranging particles closer together, eliminating trapped air and voids.

WHY IS SOIL COMPACTION NECESSARY? Nearly all man-made structures are supported by some type of soil. Both residential and commercial construction can benefit from soil compaction in numerous ways, including the following:

- Increases load bearing capacity
- Prevents soil settlement
- Decreases water seepage
- Reduces swelling and contraction of soil
- Prevents frost damage

WHAT TYPE OF COMPACTION EQUIPMENT SHOULD I USE? The primary factor in determining the type of compaction equipment suitable for a given application is the type of soil involved. Basically, there are two types of soil used in construction applications: **granular** and **cohesive**. Granular soil consists mainly of sands and gravels with particles down to .002" diameter. Cohesive soil consists mainly of silts and clays with very fine particles. **Mixed soils** consist of varying combinations of granular and cohesive material. There are three basic types of force used to compact soil: **static**, **impact** and **vibration**. A fourth type that is very effective in many applications is **impact/vibration**, the combination of impact and vibration forces. A brief summary of these methods and their primary applications follows:

- **STATIC FORCE**—achieved using only a machine's weight to compress soil particles together without vibratory motion. Static machines compact very thin layers of material and are generally utilized on asphalt or base materials. Examples are static steel wheel and pneumatic rollers. Static compaction force is measured in lbs. per square inch.

- **IMPACT FORCE**—achieved by a ramming shoe alternately striking and leaving the surface at high speed. Impact machines, such as jumping jack rammers, are best suited for compacting cohesive soils. The weight of the machine, the stroke (distance the ramming shoe travels vertically) and the percussion rate (blows per minute) determine impact compaction force, which is measured in lbs. per blow.

- **VIBRATION**—achieved by applying a high frequency vibration to the soil. Vibratory machines, such as plate compactors, are best suited for compacting granular soils and asphalt. Two factors that determine the compaction force of a vibratory compactor are its frequency (vibrations per minute) and amplitude (one half the total vertical distance that the vibrating drum or baseplate travels). Vibratory compaction force is measured in lbs. of centrifugal force.

- **IMPACT/VIBRATION**—achieved by applying vibration to the static weight of a machine. Vibratory rollers are examples of this combination, available in both single and dual drum models with either smooth or padfoot drums. These machines normally operate at a higher amplitude and a lower vibration frequency than plate compactors, making them effective at compacting soils with greater cohesive content. Smooth drum vibratory rollers are best suited for compacting granular soils and asphalt. Padfoot vibratory rollers are more effective compacting cohesive soils and clay. Varying combinations of vibration frequency and amplitude are applied for specific applications. The impact/vibration compaction force applied is measured in lbs. of centrifugal force.



COMPACTION EQUIPMENT

JUMPING JACK TAMPERS/RAMMERS

JUMPING JACK TAMPERS/RAMMERS are designed for confined area compaction of cohesive and mixed soils in construction, utility and municipal applications. Several sizes are available with 2-cycle gas, 4-cycle gas, diesel and electric power options.

- Wacker Neuson 2i-series 2-cycle gas rammers feature an oil-injection system that automatically mixes the oil and gasoline from separate reservoirs
- Multiquip MT-series 4-cycle gas rammers provide quieter operation and eliminate the need for gasoline/oil fuel mixtures
- Diesel rammers provide heavy-duty compaction and are ideal for job sites where gas-powered equipment is restricted



Multiquip MT55F
4-cycle Gas 126 lbs.



Multiquip MTX70HD
4-cycle Gas 165 lbs.



Multiquip MT76D2
Diesel 176 lbs.



Wacker Neuson BS 50-2
2-cycle Gas 129 lbs.



Wacker Neuson BS 60-2i
2-cycle Gas 145 lbs.



Wacker Neuson BS 60-4s
4-cycle Gas 156 lbs.



Wacker Neuson DS 70
Diesel 183 lbs.



	Make	Model	Type	Impact Force/Blow	HP	Shoe Size	Max BPM	Max Stroke	Height	Weight	Cat-Class
TF	Multiquip	MTR40SF	4-cycle gas	1,215 lbs.	2.4	6" x 11"	695	2.2"	44"	101 lbs.	064-0110
TF	Multiquip	MT55F	4-cycle gas	2,250 lbs.	2.8	10" x 13"	695	2.8"	41"	126 lbs.	064-0110
TF	Wacker Neuson	BS 50-2	2-cycle gas	2,695 lbs.	2.2	10" x 13"	715	1.7"	37"	129 lbs.	064-0110
TF	Wacker Neuson	BS 50-2i ¹	2-cycle gas	2,695 lbs.	2.2	11" x 13"	700	2.5"	37"	131 lbs.	064-0110
TF	Wacker Neuson	BS 50-4s	4-cycle gas	2,645 lbs.	3.2	11" x 13"	684	2.6"	37"	139 lbs.	064-0110
TF	Multiquip	MTX60HD	4-cycle gas	3,060 lbs.	2.8	10" x 13"	695	3.1"	39"	141 lbs.	064-0120
TF	Wacker Neuson	BS 60-2i ¹	2-cycle gas	3,025 lbs.	2.4	11" x 13"	700	3.1"	38"	145 lbs.	064-0120
TF	Wacker Neuson	BS 60-4s	4-cycle gas	2,975 lbs.	3.2	11" x 13"	680	2.7"	38"	156 lbs.	064-0120
TF	Wacker Neuson	BS 70-2i ¹	2-cycle gas	3,375 lbs.	2.7	11" x 13"	650	2.6"	38"	164 lbs.	064-0130
TF	Wacker Neuson	BS 70-2im ¹	2-cycle gas	3,375 lbs.	2.7	13" x 13"	650	2.6"	38"	164 lbs.	064-0130
TF	Multiquip	MTX70HD	4-cycle gas	3,350 lbs.	3.1	11" x 13"	690	3.1"	39"	165 lbs.	064-0120
TF	Multiquip	MTX80SD	4-cycle Gas	3,510 lbs.	3.4	11" x 13"	678	3.1"	39"	183 lbs.	064-0130
TF	Multiquip	MT76D2	diesel	3,600 lbs.	4.5	11" x 13"	700	3.0"	39"	176 lbs.	064-0140
TF	Wacker Neuson	DS 70-11	diesel	3,550 lbs.	4.1	11" x 13"	670	2.8"	39"	183 lbs.	064-0140
TF	Wacker Neuson	DS 70-13	diesel	3,550 lbs.	4.1	13" x 13"	670	2.8"	39"	183 lbs.	064-0140
TF	Multiquip	MT86D2	diesel	4,500 lbs.	4.5	13" x 13"	700	3.0"	42"	203 lbs.	064-0150

¹These 2-cycle gas models feature an oil-injection system that automatically mixes the oil and gasoline.



**WACKER
NEUSON**
all it takes!



SUNBELT[®]
RENTALS

Soil and Asphalt Compaction Equipment



Down-to-earth equipment for your next job. From granular and cohesive soils to asphalt, our dynamic compaction equipment will handle any application to get you job done efficiently.

COMPACTION EQUIPMENT

VIBRATORY PLATE COMPACTORS

ONE-WAY PLATE VIBRATORY COMPACTORS are designed for compacting both granular soils and hot/cold asphalt in confined space applications such as patio construction.

- All models are gas engine powered
- Water tank included to accommodate asphalt compaction



Multiquip MVC-88VGHW

218 lbs. Gas One-Way



Wacker Neuson WP1550AW

190 lbs. Gas One-Way



	Make	Model	Centrifugal Force	Base Plate (L x W)	Engine	Water Tank	Vibration Frequency	Forward Speed	Weight	Cat-Class
TF	Multiquip	MVC-64VHW	2,275 lbs.	21" x 14"	Honda 4.0 HP gas	9 qt.	5,600 VPM	0-82 FPM	157 lbs.	064-0210
TF	Wacker Neuson	VP1135AW	2,470 lbs.	21" x 14"	Honda 4.0 HP gas	8 qt.	5,800 VPM	0-85 FPM	142 lbs.	064-0210
TF	Multiquip	MVC-90H	3,350 lbs.	22" x 20"	Honda 5.5 HP gas	4 qt.	5,800 VPM	0-82 FPM	194 lbs.	064-0220
TF	Wacker Neuson	WP1540AW	3,375 lbs.	23" x 16"	Honda 5.5 HP gas	11 qt.	6,000 VPM	0-85 FPM	190 lbs.	064-0220
TF	Wacker Neuson	WP1550W	3,375 lbs.	23" x 20"	Honda 6.0 HP gas	11 qt.	6,000 VPM	0-114 FPM	194 lbs.	064-0220
TF	Wacker Neuson	WP1550AW	3,375 lbs.	23" x 20"	Honda 5.5 HP gas	11 qt.	6,000 VPM	0-100 FPM	190 lbs.	064-0220
TF	Multiquip	MVC-88VGHW	3,450 lbs.	22" x 20"	Honda 5.5 HP gas	12 qt.	5,800 VPM	0-72 FPM	218 lbs.	064-0220

REVERSIBLE VIBRATORY PLATE COMPACTORS feature variable forward and reverse operation, ideal for compaction applications in trenches and backfilling along foundations. Machines can also be operated stationary for "spot" compaction.

- Suitable for compacting granular soils, gravel and crushed aggregate
- 300 lb. to 1,000 lb. class models available
- Most models include removable base plate extensions to accommodate narrow applications
- Smaller models are powered by Honda gas engines
- Larger models feature diesel engines with electric starting



Wacker Neuson BPU 3050A

366 lbs. Gas Reversible



Multiquip MVH-406DSZ

968 lbs. Diesel Reversible



	Make	Model	Centrifugal Force	Base Plate (L x W)	Base (w/o Ext) (L x W)	Engine	Vibration Frequency	Fwd/Rev Speed	Weight	Cat-Class
	Multiquip	MVH-150VGH	6,620 lbs.	26" x 17"	N/A	Honda 6.5 HP gas	5,600 VPM	0-75 FPM	331 lbs.	064-0230
	Wacker Neuson	BPU3050A	6,750 lbs.	29" x 20"	N/A	Honda 9.0 HP gas	5,400 VPM	0-69 FPM	366 lbs.	064-0230
	Multiquip	MVH-206GH	7,870 lbs.	28" x 20"	N/A	Honda 7.1 HP gas	5,200 VPM	0-75 FPM	459 lbs.	064-0240
	Wacker Neuson	DPU4045A	8,992 lbs.	35" x 24"	35" x 18"	Honda 8.0 HP gas	4,140 VPM	0-79 FPM	710 lbs.	064-0240
	Multiquip	MVH-306GH	10,125 lbs.	34" x 24"	34" x 18"	Honda 9.0 HP gas	3,600 VPM	0-75 FPM	706 lbs.	064-0240
	Multiquip	MVH-406DSZ	12,400 lbs.	35" x 28"	35" x 20"	Hatz 9.7 HP diesel	4,600 VPM	0-75 FPM	902 lbs.	064-0250
	Wacker Neuson	BPU5545A	12,365 lbs.	35" x 24"	35" x 18"	Honda 13.0 HP gas	4,140 VPM	0-89 FPM	714 lbs.	064-0250
	Wacker Neuson	DPU5545He	12,365 lbs.	35" x 24"	35" x 18"	Hatz 9.4 HP diesel	4,140 VPM	0-89 FPM	915 lbs.	064-0250
	Wacker Neuson	DPU65655He	14,613 lbs.	35" x 28"	35" x 22"	Hatz 12.9 HP diesel	4,150 VPM	0-92 FPM	1,049 lbs.	064-0260
	Multiquip	MVH-502DSB2	14,000 lbs.	35" x 28"	35" x 22"	Hatz 14.0 HP diesel	4,200 VPM	0-75 FPM	1,122 lbs.	064-0260

COMPACTION EQUIPMENT

VIBRATORY PLATE COMPACTORS, VIBRATORY TRENCH ROLLERS

REVERSIBLE VIBRATORY PLATE COMPACTORS (continued)



Multiquip MVH-206GH 459 lbs. Gas Reversible



Wacker Neuson DPU 6555He 1,091 lbs. Diesel Reversible

WALK-BEHIND VIBRATORY TRENCH ROLLERS feature dual vibratory padfoot tamping drums for compacting cohesive soils and clay in utility trenches and other confined areas. Powered by electric-start diesel engines with hydrostatic drive, they feature articulated steering for easy operation and maximum productivity. Drums are completely clear at the sides, allowing compaction right along the walls of a trench or other obstructions. All models feature infrared or radio remote control operation for increased worker safety.

- Ideal for compacting cohesive soils and clay in trenches
- Dual vibratory padfoot tamping drums
- Remote control operation
- Electric-start diesel engines, hydrostatic drive
- Zero overhang allows compaction along the walls of a trench or other obstructions



Wacker Neuson RT82-SC
32" Drum Width



Wacker Neuson RTLX-SC3
32" Drum Width



Multiquip RX157533
33" Drum Width



Make	Model	Centrifugal Force	Drum Width	HP	Vibration Frequency	Gradeability	Working Speed	Overall Dimensions	Weight	Cat-Class
Wacker Neuson	RT82-SC	15,400 lbs.	32"	21	2,500 VPM	45%	0-66 FPM	73"L x 32"W x 49"H	3,300 lbs.	018-0005
Multiquip	RX157533	16,860 lbs.	33"	20	2,340 VPM	45%	0-148 FPM	78"L x 33"W x 52"H	3,197 lbs.	018-0005
Wacker Neuson	RTLX-SC3	15,377 lbs.	32"	20	2,500 VPM	45%	0-132 FPM	73"L x 32"W x 50"H	3,295 lbs.	018-0005

COMPACTION EQUIPMENT

SINGLE-DRUM RIDE-ON VIBRATORY COMPACTORS

SINGLE-DRUM RIDE-ON VIBRATORY COMPACTORS feature hydrostatic, all-wheel planetary drive and articulated steering for excellent gradeability and maneuverability on rugged terrain. All models are diesel-powered and feature high ground clearance to clear job site obstacles.

- Smooth drum models are most effective compacting granular and mixed soils
- Padfoot models are designed for compacting cohesive soils and clay—may include an optional strike-off blade



JCB Vibromax VM75D 69" Smooth Drum



HAMM 3307 66" Smooth Drum



JCB Vibromax VM75PD 69" Padfoot



HAMM 3307P 66" Padfoot



Make	Model	Drum Width	Drum Type	HP	Centrifugal Force	Vibration Frequency	Amplitude (Hi/Lo)	Working Speed	Overall Dimensions	Weight	Cat-Class
HAMM	3205	54"	Smooth	57	15,525 lbs.	1,800/2,520 VPM	.061"/.027"	0-8.0 MPH	171"L x 58"W x 109"H	11,354 lbs.	022-0240
HAMM	3205P	54"	Padfoot	57	15,525 lbs.	1,800/2,520 VPM	.061"/.027"	0-4.6 MPH	171"L x 58"W x 109"H	12,191 lbs.	022-0250
JCB Vibromax	VM46D	55"	Smooth	60	22,841 lbs.	1,920 VPM	.071"	0-3.6 MPH	172"L x 60"W x 104"H	10,141 lbs.	022-0240
JCB Vibromax	VM46PD	55"	Padfoot	60	22,841 lbs.	1,920 VPM	.059"	0-3.6 MPH	172"L x 60"W x 104"H	10,803 lbs.	022-0250
HAMM	3307	66"	Smooth	87	27,900 lbs.	1,800-2,520 VPM	.067"/.023"	0-4.0 MPH	184"L x 70"W x 110"H	15,100 lbs.	022-0260
HAMM	3307P	66"	Padfoot	87	27,900 lbs.	1,800-2,520 VPM	.067"/.023"	0-4.5 MPH	184"L x 70"W x 110"H	15,870 lbs.	022-0270
JCB Vibromax	VM75D	69"	Smooth	80	31,024 lbs.	1,740 VPM	.079"/.031"	0-4.3 MPH	192"L x 74"W x 112"H	16,094 lbs.	022-0260
JCB Vibromax	VM75PD	69"	Padfoot	80	35,070 lbs.	1,740 VPM	.079"/.031"	0-4.3 MPH	192"L x 74"W x 112"H	17,755 lbs.	022-0270
HAMM	3410	84"	Smooth	131	50,625 lbs.	1,800/2,400 VPM	.075"/.029"	0-4.9 MPH	224"L x 89"W x 116"H	22,730 lbs.	022-0280
HAMM	3410P	84"	Padfoot	131	50,625 lbs.	1,800/2,400 VPM	.075"/.029"	0-5.2 MPH	224"L x 89"W x 116"H	23,975 lbs.	022-0290
JCB Vibromax	VM115D	84"	Smooth	125	58,675 lbs.	1,860/2,160 VPM	.077"/.035"	0-2.8 MPH	214"L x 89"W x 116"H	24,912 lbs.	022-0280

COMPACTION EQUIPMENT

WALK-BEHIND ASPHALT ROLLERS, RIDE-ON ASPHALT ROLLERS

WALK-BEHIND ASPHALT ROLLERS are ideal for compacting granular soils and asphalt on patching and small paving jobs. They feature hydrostatic drive with dual 26" width smooth vibratory drums and a water tank.



Multiquip MRH800GS2
26" Walk-Behind Asphalt Roller



Make	Model	Power Source	Impact Force	Vibration Frequency	Working Speed	Weight	Cat-Class
Multiquip	MRH800GS2	13 HP gas	5,300 lbs.	3,300 VPM	0-176 FPM	1,530 lbs.	064-0320
Wacker Neuson	RD7HES	9 HP diesel	5,950 lbs.	3,300 VPM	0-220 FPM	1,785 lbs.	064-0320

RIDE-ON ASPHALT ROLLERS provide excellent performance on small to medium asphalt paving jobs, as well as roller compacted concrete applications. They feature dual vibratory drums (except static model) with hydrostatic dual drum drive and articulated steering. All models include a pressurized water system with a large capacity water tank.



Multiquip R2000H
32" Static Roller



Multiquip AR-13HAR
36" Asphalt Roller



Wacker RD12A 35" Asphalt Roller



HAMM HD-12 47" Asphalt Roller



JCB Vibromax VMT390 51" Asphalt Roller



Make	Model	Drum Width	Power Source	Centrifugal Force/Drum	Vibration Frequency	Amplitude	Working Speed	Weight	Cat-Class
Multiquip	R2000H ¹	28"F/32"R	8 HP gas	N/A	N/A	N/A	0-5.6 MPH	1,382 lbs.	022-0110
Wacker Neuson	RD11A	35"	18 HP gas	3,000 lbs.	3,900 VPM	N/A	0-4.7 MPH	2,586 lbs.	022-0120
Wacker Neuson	RD12A	35"	16 HP gas	3,400 lbs.	4,200 VPM	N/A	0-5.4 MPH	2,490 lbs.	022-0120
Multiquip	AR13HAR	36"	18 HP gas	3,100 lbs.	4,000 VPM	N/A	0-4.8 MPH	2,780 lbs.	022-0120
HAMM	HD-10	39"	32 HP diesel	5,805 lbs.	3,300 VPM	.020"	0-6.5 MPH	5,688 lbs.	022-0130
JCB Vibromax	VMT270	39"	29 HP diesel	6,742 lbs.	3,480 VPM	.020"	0-3.7 MPH	5,843 lbs.	022-0130
HAMM	HD-12	47"	35 HP diesel	6,570 lbs.	3,300 VPM	.020"	0-6.5 MPH	5,952 lbs.	022-0140
HAMM	HD-13	51"	32 HP diesel	7,650 lbs.	3,300 VPM	.016"	0-6.5 MPH	7,055 lbs.	022-0150
JCB Vibromax	VMT390	51"	47 HP diesel	10,791 lbs.	3,300 VPM	.020"	0-3.7 MPH	8,598 lbs.	022-0150
HAMM	HD-70HV	59"	84 HP diesel	17,100 lbs.	2,880 VPM	.024"	0-3.9 MPH	15,432 lbs.	022-0155

¹This model is a static roller.

DUST COLLECTION AND CONTROL

DUST MANAGEMENT BASICS



RESPIRABLE CRYSTALLINE SILICA AND SILICOSIS.

Perhaps you're already familiar with Silicosis and are taking measures to keep your employees safe. If not, here are some facts to consider when exposing workers to the dust that results from chipping, cutting, drilling, crushing, or grinding silica-based materials such as concrete and stone.

Crystalline silica dust has been classified as a human lung carcinogen, a substance "capable of causing cancer." When inhaled—often over a period as short as two months—silica dust scars the lungs and reduces their ability to take in oxygen, leading to a fatal condition known as silicosis.

WHAT YOU CAN DO ABOUT IT It's estimated that roughly 2.3 million workers are exposed to silica dust in their workplaces. While water sprinklers and vacuums can be effective, OSHA suggests that workers take advantage of "all available work practices" to protect themselves. To learn more about these protective measures, visit OSHA's site at <https://www.osha.gov/silica/index.html>

HOW WE'RE PREPARED TO HELP Sunbelt Rentals want to work with you in your efforts to ensure employee safety. With that goal in mind, we recommend the products below in controlling airborne silica dust. As you'll see, this equipment is OSHA Compliant and focuses on the collection, containment and removal of dust from the work area. Even if other dust abatement solutions are put in place, such as water sprinklers and respirators, we highly recommend that you mandate the use of Dust Collection and Control equipment as well, in order to ensure that the environment is 100% dust free, and safe for workers.

• DUST EXTRACTORS/VACUUMS

Our Dust Collection Vacuums are powerful machines with highly efficient filtration, the kind of need for removing hazardous airborne particulates such as crystalline silica. These collection vacuums are ideally suited for sites where surface preparation work is being performed with equipment such as grinders, planers, scabblers, and shot blasters.



• HEPA WET/DRY VACUUMS

Our OSHA Compliant wet/dry vacuums address silica dust at rest, as well as silica found in concrete slurry, with multi-stage filtration via HEPA filter (99.7% efficient down to the 0.3 micron-sized particle) for optimal performance.



• DUST TOOL ATTACHMENTS

Partnering with our preferred suppliers, we offer attachments for the tools commonly used for drilling, grinding, chipping and cutting concrete and stone. These reduce the chances of inhaling dust, as well as the costs of both clean up and maintenance.



• AIR SCRUBBERS AND TEMPORARY CONTAINMENT BARRIERS

Our portable air scrubbers, equipped with HEPA filters, are effective in collecting and controlling silica dust. Temporary containment barriers can help ensure safe, breathable air by isolating hazardous dust on the job site. Our containment barriers are made for easy transport and assembly.



• PERSONAL PROTECTIVE EQUIPMENT (PPE)

Portable Level C protection is required when the concentration(s) and type(s) of airborne substance(s) is/are known and the criteria for using air purifying equipment, such as respirators, are met.



CONCRETE/MASONRY EQUIPMENT

CONCRETE/MASONRY BASICS

GLOSSARY

Aggregate—granular material, such as sand, gravel, or crushed stone, mixed with Portland cement and water to produce concrete.

Air-Entrained Concrete—concrete containing microscopic air bubbles generated by the use of an air-entraining admixture to improve resistance to freezing and thawing.

Asphalt—a black petroleum residue that remains solid or semi-solid if the temperature is kept below 100°F. When used in construction or maintenance of roads and highways or as a patching material, it must be made liquid and combined with fine sands and a variety of sizes of aggregates and placed before the mixture drops below 200°F.

Bleeding—the rising of water to the surface of freshly placed concrete.

Blisters—shallow, dome-shaped surface defects on a flat work surface, seldom apparent until after first troweling. Created when trapped air bubbles rise and swell a thin layer of surface concrete.

Cast-in-place—concrete or mortar that is deposited in place as part of the structure, as opposed to precast concrete.

Concrete—a mixture of Portland cement, water, fine and coarse aggregates and sometimes entrained air or other special-purpose additives. Cement is an *ingredient* of concrete.

Control Joint—cuts performed on a concrete slab immediately after finishing to control the concrete's cracking tendency caused by shrinkage, drying out, or temperature changes.

Crazing—the pattern of random hairline cracks in a concrete surface caused by drying and shrinkage stresses. It is usually caused by an excess amount of fines on the surface.

Curing—the maintenance of a satisfactory moisture content and temperature in concrete during its early stages so that desired properties may develop.

Curled Slab—curling is the distortion (rising up) of a slab's corners or edges due to differences in moisture content or temperature between the top and bottom of a slab.

Delamination—delaminated areas of surface mortar result from bleed water and bleed air being trapped below the prematurely closed (densified) mortar surface. Bleeding has NOT occurred and the water is trapped below the surface.

Dry Shake—a dry mixture of cement with special mineral or metallic aggregates used to produce a hard monolithic surface. A dry shake with a pigment will produce a colored surface.

Dusting—the appearance on the surface of hardened concrete of a powdery material coming from the concrete itself.

Finishing—leveling, smoothing and consolidating a fresh concrete surface using a trowel to produce the desired appearance and service.

Floating—an operation performed on a fresh concrete surface using a float. Floating embeds large aggregates just beneath the surface, removes slight imperfections, bumps and voids and consolidates mortar at the surface in preparation for other finishing operations.

Green Concrete—a term used to describe a new concrete slab during the first 12 hours after placing and finishing. This is the ideal time for cutting crack control joints to prevent random cracking from tensile stresses in the concrete.

Hydration—the chemical reaction between hydraulic cement and water during the concrete curing process.

Laitance—a weak, milky layer of cement and sand fines that rises to the surface of over-wet concrete and mixes with bleed water, usually as a result of premature finishing.

Masonry—shaped or molded units of stone, ceramic, tile, concrete, glass, adobe, terra cotta, or similar material that is usually bonded by mortar.

Mortar—in concrete work, the mixture of cement paste and fine aggregate. In coatings, epoxy mortars combine fine aggregate with an epoxy for increased strength or chemical resistance.

Nonslip Aggregates—commonly silicon carbide or aluminum oxide grains applied as a dry shake to produce a nonslip finish.

Portland Cement—a basic ingredient of concrete, mortar and most non-specialty grout. It is produced by heating a mixture of limestone and clay, containing oxides of calcium, aluminum, iron and silicon, in a kiln and pulverizing the resultant clinker.

Precast—a concrete member that is cast and cured at a precast plant, usually in ideal manufacturing conditions. The precast member is then transported to the job and placed in final position.

Random Cracking—the tendency of concrete to crack due to shrinkage, drying out or temperature changes.

Scaling—a scabrous condition where the surface mortar has peeled away, usually exposing the coarse aggregate.

Slump—a measure of consistency of freshly placed concrete, equal to the subsidence measured to the nearest 6 mm of the molded specimen immediately after removal of the slump cone.

Spalling—the flaking away of the surface of a hardened concrete slab to a depth of about 1/16" to 3/16", but it can be much deeper with loss of coarse aggregate.



CONCRETE/MASONRY EQUIPMENT

CONCRETE MIXERS, MORTAR MIXERS, MULTI-USE MIXERS

CONCRETE MIXERS feature a polyethylene drum that won't rust or dent—just a few taps with a rubber mallet removes dried concrete from the drum. An oversized dump wheel provides fast, easy dumping. All models feature large pneumatic tires and a retractable towing tongue.



Stone 65CM
6 cu. ft. Gas



Multiquip MC-94PH8
9 cu. ft. Gas



Make	Model	Type	Capacity	Power Source	Weight	Cat-Class
Multiquip	MC64PH8	Gas Towable	6 cu. ft.	Honda 8 HP	685 lbs.	015-0138
Stone	65CM	Gas Towable	6 cu. ft.	Honda 8 HP	730 lbs.	015-0138
Multiquip	MC94PH8	Gas Towable	9 cu. ft.	Honda 8 HP	860 lbs.	015-0150
Stone	95CM	Gas Towable	9 cu. ft.	Honda 8 HP	850 lbs.	015-0150

MORTAR MIXERS are ideal for mixing mortar, plaster, stucco and similar materials right on the job site. The Mortarman 120 features a compact design that passes through standard 36" doors and is ideal for mixing small batches. All towable models include large pneumatic tires and a retractable tongue for easy towing.



IMER U.S.A. Mortarman 120
4.5 cu. ft. Electric



IMER U.S.A. Workman II 250G
9 cu. ft. Gas



Multiquip WM-70P-H8
7 cu. ft. Gas



Make	Model	Type	Capacity	Power Source	Weight	Cat-Class
IMER U.S.A.	Mortarman 120	Electric portable	4.5 cu. ft.	1 HP 110V	192 lbs.	015-0100
Stone	655PMP	Gas towable	6 cu. ft.	Honda 4.8 HP	554 lbs.	015-0120
Multiquip	WM70PH8 ¹	Gas towable	7 cu. ft.	Honda 8 HP	700 lbs.	015-0130
Stone	855PMP	Gas towable	8 cu. ft.	Honda 8 HP	610 lbs.	015-0155
IMER U.S.A.	Workman II 250E	Electric towable	9 cu. ft.	1.5 HP 110V	525 lbs.	015-0155
IMER U.S.A.	Workman II 250G	Gas towable	9 cu. ft.	Honda 5.5 HP	525 lbs.	015-0155
Multiquip	WM90PH8 ¹	Gas towable	9 cu. ft.	Honda 8 HP	860 lbs.	015-0155
Multiquip	WM90SH8 ²	Gas towable	9 cu. ft.	Honda 8 HP	860 lbs.	015-0155
Multiquip	EM120SMH11 ²	Gas towable	12 cu. ft.	Honda 11 HP	1,075 lbs.	015-0140

¹Polyethylene drum models ²Steel drum models

MULTI-USE MIXERS provide outstanding versatility—mix mortar, stucco, grout and concrete with a single machine. All models feature fast, easy operation. Featuring polyethylene or steel drums.

- Mini-Mix 60 includes a replaceable plastic batch bucket
- MC3, 25C and Wheelman models are available with a stand that allows rotating mixer 360°
- Minuteman features a knock-down design for portability
- Wheelman models include 14" pneumatic tires



IMER U.S.A. Mini-Mix 60



IMER U.S.A. Minuteman



Stone 25CMPC



IMER U.S.A. Wheelman E



Multiquip MC3SEA



Make	Model	Type	Applications	Capacity	Power Source	Weight	Cat-Class
IMER U.S.A.	Mini-Mix 60	Electric bucket mixer	Coatings, thin sets, mortar, plaster	14 gal.	0.75 HP 110V	64 lbs.	015-0210
IMER U.S.A.	Minuteman II	Electric portable multi-mixer	Concrete, mortar, stucco, grout	5 cu. ft.	0.5 HP 110V	120 lbs.	015-0220
Stone	25CMPC	Electric wheelbarrow multi-mixer	Concrete, mortar, stucco, grout	2 cu. ft.	0.75 HP 110V	148 lbs.	015-0230
Multiquip	MC3PEA ¹	Electric wheelbarrow multi-mixer	Concrete, mortar, stucco, grout	4.5 cu. ft.	1 HP 115V	138 lbs.	015-0230
Multiquip	MC3SEA ²	Electric wheelbarrow multi-mixer	Concrete, mortar, stucco, grout	4.5 cu. ft.	1 HP 115V	138 lbs.	015-0230
IMER U.S.A.	Wheelman II E	Electric wheelbarrow multi-mixer	Concrete, mortar, stucco, grout	5 cu. ft.	0.5 HP 110V	101 lbs.	015-0230
IMER U.S.A.	Wheelman II G	Gas wheelbarrow multi-mixer	Concrete, mortar, stucco, grout	5 cu. ft.	Honda 3 HP	115 lbs.	015-0240

¹Polyethylene drum model ²Steel drum model

CONCRETE/MASONRY EQUIPMENT

CONCRETE VIBRATORS, REBAR CUTTERS AND BENDERS



Wacker Neuson M3000 3 HP Electric



Wyco 402BP 2 HP Gas Backpack

FLEX-SHAFT VIBRATORS are utilized to maximize density and eliminate entrapped air during pours of medium to high-slump concrete on applications such as foundations, walls, columns and slabs. Electric hand-held and gas backpack power units are available, which are combined with a flexible shaft and a vibrator head to match job requirements.



	Make	Model	Type	Power Unit	Amp Rating	Shaft Lengths	Head Diameters	Weight*	Cat-Class
TF	Multiquip	CV1	Electric	1 HP 120V	10	5', 7', 10', 12', 14'	7/8", 1-1/16", 1-3/8"	11 lbs.	032-0810
TF	Multiquip	CV2	Electric	2 HP 120V	15	5', 7', 10', 12', 14'	1-3/8", 1-11/16", 2-1/8"	13 lbs.	032-0810
TF	Wacker Neuson	M2000	Electric	2 HP 115V AC/DC	15	6.6', 10', 12'	1-3/8", 1-3/4", 2-1/2"	13 lbs.	032-0810
TF	Wyco	NPS2	Electric	2 HP 115V	12	10', 14'	13/16", 1-3/8"	15 lbs.	032-0810
TF	Multiquip	CV3	Electric	3 HP 120V	20	5', 7', 10', 12', 14'	1-3/8", 1-11/16", 2-1/8"	14 lbs.	032-0820
TF	Wacker Neuson	M3000	Electric	3 HP 115V AC/DC	20	6.5', 10', 12'	1-3/8", 1-3/4", 2-1/2"	18 lbs.	032-0820
TF	Wyco	NPS3	Electric	3 HP 115V	15	10', 14'	1-3/8"	16 lbs.	032-0820
	Wyco	402BP	Gas backpack	2 HP Robin	N/A	10'	1-3/4"	20 lbs.	032-0860

*Weights shown reflect power unit only.

HIGH-CYCLE VIBRATORS are ideal for applications, such as foundations, walls and columns, that require high frequency concrete vibration. They feature 3-phase, 200 Hz motors mounted inside the vibrator head that operate on standard 115V power, utilizing an integrated electronic convertor.

Wacker Neuson IRFUN 45
1.8" High-Cycle Vibrator

	Make	Model	Head Diameter	Amp Rating	Hose Length	Max VPM	Weight	Cat-Class
	Wacker Neuson	IRFUN 38	1.5"	6	18'	12,000	31 lbs.	032-0830
	Wacker Neuson	IRFUN 45	1.8"	8	18'	12,000	34 lbs.	032-0840
	Wacker Neuson	IRFUN 57	2.3"	12	18'	12,000	44 lbs.	032-0850

ELECTRIC REBAR CUTTERS AND BENDERS are ideal for on-the-job cutting and bending of steel rebar up to 1" diameter. Sunbelt Rentals offers several models, each featuring 115V operation.

Multiquip HBC25A
Rebar CutterMultiquip MB25-HD
Rebar BenderMultiquip JB7090
Rebar Bender

	Make	Model	Type	Capacity	Amp Rating	Weight	Cat-Class
TF	Multiquip	HBC19A	Cutter	3/4"	9.0	27 lbs.	032-0780
TF	Multiquip	HBC25A	Cutter	1"	13.0	49 lbs.	032-0780
TF	Multiquip	MB25-HD	Bender	1"	10.0	300 lbs.	032-0770
TF	Multiquip	JB5090 ¹	Bender	3/4"	16.2	105 lbs.	032-0770
TF	Multiquip	JB7090 ¹	Bender	1"	16.2	137 lbs.	032-0770
TF	Multiquip	MB25A	Bender	1"	13.0	227 lbs.	032-0770

¹These models operate with a model JPU1 electric/hydraulic power unit.

CONCRETE/MASONRY EQUIPMENT

CONCRETE BUCKETS, POWER BUGGIES, GEORGIA PUSH BUGGIES

CONCRETE BUCKETS feature a lightweight, round-gate design for job site mobility and easy operation during concrete pours. Gar-Bro



Model	Capacity	Weight	Cat-Class
420-R	3/4 cu. yd.	330 lbs.	032-0610
427-R	1 cu. yd.	400 lbs.	032-0615
454-R	2 cu. yd.	675 lbs.	032-0620



Elephant Trunk
(with hopper attached)

ELEPHANT TRUNKS are flexible, 8" diameter tubes utilized to place concrete into forms. Available in 4', 6', 8' and 10' lengths, which can be coupled together with hoppers and other attachments.
Gar-Bro 913-PVC
(Cat-Class 150-0375)

POWER BUGGIES provide productive, on-the-job transport and placement of ready-mix concrete and other construction materials. Sunbelt Rentals offers two sizes of power buggies with ride-on operator platforms, powered by Honda gas engines with hydrostatic drive. All models include a hydraulic dump system and foam-filled tires to help prevent flats on the job.



Multiquip WBH16F
16 cu. ft. Power Buggy



Toro SB1600
16 cu. ft. Power Buggy



Terex PB 16 16 cu. ft. Power Buggy



Make	Model	Type	Capacity	Payload	Engine	Weight	Cat-Class
Multiquip	WBH-16F	Ride-on platform	16 cu. ft.	2,500 lbs.	13 HP gas	1,135 lbs.	032-0008
Toro	SB1600	Ride-on platform	16 cu. ft.	2,500 lbs.	13 HP gas	1,370 lbs.	057-0009
Terex	PB 16	Ride-on platform	16 cu. ft.	2,500 lbs.	13 HP gas	1,200 lbs.	032-0008
Terex	PB 21	Ride-on platform	21 cu. ft.	3,200 lbs.	18 HP gas	1,480 lbs.	057-0009



Sterling GB 872
Georgia Push Buggy



GEORGIA PUSH BUGGIES provide an efficient way to manually transport and place concrete and other materials on-the-job. They feature an 8-cu. ft. capacity and large pneumatic tires for smooth operation. Their balanced design provides an easy rocker dump action. Net weight: 170 lbs. Sterling GB872 (Cat-Class 150-0380)

Tracked Mud Buggy

Toro is excited to be the official supplier of Sunbelt tracked buggies. Featuring controls that are intuitive and easy to use, superior traction and maneuverability, high weight carrying capacity, and a powerful engine, the Toro Tracked Mud Buggy™ represents the ultimate in productivity and jobsite efficiency. The power, productivity, durability, ease-of-use and service-friendly design all add up to getting the job done on time.



CONCRETE/MASONRY EQUIPMENT

EARLY ENTRY CONCRETE SAWS

EARLY ENTRY CONCRETE SAWS provide the ideal solution for cutting crack control joints to prevent random cracking caused by the internal stresses that develop during concrete curing. They are specifically designed to operate in the “green zone”—within the first two hours after finishing.

- Electric hand-held, electric push-type, gas push-type and gas self-propelled models available
- All models utilize color-coded, dry cutting diamond blades with up-cutting blade rotation, combined with an anti-ravel skid plate to help prevent chipping and spalling



Soff-Cut Early Entry Saws operate in the “green zone”—within the first two hours after concrete finishing



Soff-Cut 4000 13.5" Gas Self-propelled

Classification
Residential
Light Commercial
Medium Commercial
Heavy Commercial

Applications
Driveways, patios, sidewalks
Parking lots, parking structures, exposed decks, small paving
Larger commercial slabs, overlays, paving floors
Highways, runways, paving



Norton GC55
10" Gas Push-type

GMax diamond blades are recommended



Soff-Cut diamond cutting blades are available for use with early entry concrete saws, color coded to match specific types of aggregate in the concrete being cut



Soff-Cut 50
5" Electric Handheld
Finish Cuts, Scoring
& Decorative Cuts



Soff-Cut 150D
6" Gas Push-type
Decorative Cuts



Soff-Cut 750
8" Gas Self-propelled



Soff-Cut 2000
10" Gas Self-propelled



Soff-Cut 4200
13.5" Gas Self-propelled



	Make	Model	Type	Standard Blade	Max Cutting Depth	Classification	Power Source	Weight	Cat-Class
	Soff-Cut	50	Electric, Hand-held	5"	1"	Residential, Light Commercial	120V, 12A	9 lbs.	020-0210
TF	Soff-Cut	150	Gas, Push-type	6"	1-3/16"	Residential, Light Commercial	4.5 HP	87 lbs.	020-0215
TF	Soff-Cut	150D	Gas, Push-type	6"	1-3/16"	Residential, Light Commercial	4.5 HP	102 lbs.	020-0215
	Soff-Cut	750	Gas, Self-propelled	8"	1-3/16"	Med. to Heavy Commercial	6 HP	243 lbs.	020-0220
	Soff-Cut	2000 ¹	Gas, Self-propelled	10"	1-1/2"	Med. to Heavy Commercial	9 HP	317 lbs.	020-0230
	Soff-Cut	2500 ¹	Gas, Self-propelled	10"	1-1/2"	Med. to Heavy Commercial	13.5 HP	347 lbs.	020-0230
	Norton	GC55 ²	Gas, Push-type	10"	3-1/2"	Residential, Light Commercial	5.5 HP	115 lbs.	020-0230
	Soff-Cut	4000 ¹	Gas, Self-propelled	13.5"	3"	Heavy Commercial	20 HP	420 lbs.	020-0240
	Soff-Cut	4200 ¹	Gas, Self-propelled	13.5"	3"	Heavy Commercial	22 HP	488 lbs.	020-0240

¹These models feature electric starting. ²It is recommended to make two cuts to reach the maximum depth.

CONCRETE/MASONRY EQUIPMENT

FLOOR SAWS, STREET SAWS

PUSH-TYPE CONCRETE FLOOR SAWS utilize diamond blades for wet/dry cutting of concrete and asphalt pavement. Applications include short-run slab cutting, crack control joints, patching, trenching and traffic loop installation. Precision controls enable accurate cuts and smooth operation. A water system is included for wet cutting applications to cool the blade and control dust.



EDCO DS-18-13H 18" 13 HP Gas Saw *Push-type*



Husqvarna FS6600 36" 66 HP Diesel Saw *Self-propelled*



Make	Model	Type	Max Blade Size	Max Cutting Depth	Power Source	Weight	Cat-Class
EDCO	ASB-14	Air	14"	4-5/8"	5 HP 160 CFM	193 lbs.	020-0340
EDCO	SK-14	Gas	14"	4-5/8"	13 HP Honda	190 lbs.	020-0310
Husqvarna	FS309	Gas	14"	4-5/8"	9 HP Robin	141 lbs.	020-0310
Husqvarna	MC18-5E	Electric	18"	6-5/8"	5 HP 230V	268 lbs.	020-0320
EDCO	DS-18-5B	Electric	18"	6-5/8"	5 HP 230V	280 lbs.	020-0320
Husqvarna	FS400	Gas	18"	6-5/8"	11 HP Honda	218 lbs.	020-0326
Husqvarna	FS413	Gas	18"	6-5/8"	11 HP Honda	359 lbs.	020-0326
Norton	PC13P18	Gas	18"	6-5/8"	13 HP Honda	218 lbs.	020-0326
EDCO	DS-18-13H	Gas	18"	6-5/8"	13 HP Honda	250 lbs.	020-0326
Husqvarna	MC18-13H	Gas	18"	6-5/8"	13 HP Honda	195 lbs.	020-0326



Diamond blades are offered for rental and sale (see page 71-72)



Water trailers suitable for use with concrete saws are available (see page 262)

SELF-PROPELLED STREET SAWS are ideal for heavy-duty, wet cutting of concrete and asphalt pavement utilizing diamond cutting blades. Applications include highway and road repair, airport construction and utility construction. Hydrostatic transmissions provide variable-speed operation and smooth directional changes. A water system is included to cool the blade and control dust. Gas, diesel and propane power options are available.



Make	Model	Type	Max Blade Size	Max Cutting Depth	Power Source	Weight	Cat-Class
EDCO	SS-16A	Gas	16"	5-5/8"	13 HP Honda	350 lbs.	020-0350
Husqvarna	FS513	Gas	18"	6-5/8"	13 HP Honda	424 lbs.	020-0350
Husqvarna	FS520	Gas	20"	7-5/8"	20 HP Honda	493 lbs.	020-0350
EDCO	SS-20-20H	Gas	20"	7-5/8"	20 HP Honda	458 lbs.	020-0350
EDCO	SS-24-24H	Gas	24"	9-5/8"	24 HP Honda	532 lbs.	020-0350
EDCO	SS-20-25P	Propane	20"	7-5/8"	20 HP Honda	458 lbs.	020-0360
Norton	PC20SPE20	Gas	26"	7-5/8"	20 HP Honda	455 lbs.	020-0530
Husqvarna	FS524	Gas	24"	9-5/8"	24 HP Honda	520 lbs.	020-0350
Husqvarna	FS4800	Diesel	26"	10-1/2"	48 HP Yanmar	1,420 lbs.	020-0440
Husqvarna	FS6600	Diesel	26"	10-1/2"	66 HP John Deere	1,871 lbs.	020-0530
EDCO	SS-35	Gas	26"	10-5/8"	35 HP Wisconsin	1,035 lbs.	020-0420
EDCO	SS-26	Gas	30"	12"	38 HP Kohler	1,040 lbs.	020-0420
Husqvarna	FS3500	Electric	30"	12"	30 HP Lincoln	1,160 lbs.	020-0440
EDCO	SS-65D	Diesel	36"	14-3/4"	57 HP Deutz	1,558 lbs.	020-0530
Husqvarna	FS6600	Diesel	36"	15"	66 HP John Deere	1,948 lbs.	020-0530

POWER CUTTERS WITH TOMORROW'S TECHNOLOGY

Cutting hard, solid materials like concrete, stone or asphalt can be a demanding task. You can rely on one of our many powerful Husqvarna power cutters to get the job done effortlessly.

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SUNBELT
RENTALS®

CONCRETE/MASONRY EQUIPMENT

POWER CUTOFF SAWS, DIAMOND CHAIN SAWS

POWER CUTOFF SAWS are high-production, hand-held saws that are ideal for cutting concrete, stone, asphalt, steel and other tough materials. Cutoff saws utilize high-speed diamond or abrasive blades. Gas, electric, air and hydraulic power options are available.



Husqvarna K760 Cut-n-Break

9" Gas Cut-n-Break Saw

Utilizes a 9" diamond blade and includes a breaking tool. Ideal for cutting door and window openings.



Husqvarna K970

16" Gas Saw



Husqvarna K40/14

14" Air Saw



Husqvarna K970 Ring

14" Gas Ring Saw

Features an unmatched 10" cutting depth utilizing an exclusive 14" ring blade.



Bosch 1365

14" Electric Saw



Stihl TS 420-14

14" Gas Saw



	Make	Model	Type	Blade Diameter	Cutting Depth	Power Source	Weight	Cat-Class
	Stihl	TSA230	Cordless	9"	2.75"	36V LiON Battery	12.3 lbs.	020-0005
TF	Hilti	DCH300	Electric	12"	4.75"	120V AC/DC, 15A	20.7 lbs.	020-0015
TF	Husqvarna	K760 Cut-n-Break ¹	Gas	9"	16"	5 HP 2-stroke	23.3 lbs.	020-0090
	Husqvarna	K3000 Cut-n-Break	Electric	9"	16"	120V, 15A	18 lbs.	020-0090
TF	Bosch	1365	Electric	14"	5"	120V AC/DC, 15A	27 lbs.	020-0040
TF	Husqvarna	K3000 Vac	Electric	14"	5"	120V, 15A	19 lbs.	020-0040
TF	Husqvarna	K3000 Wet	Electric	14"	5"	120V, 15A	18 lbs.	020-0040
TF	Stihl	TS 420-14	Gas	14"	5"	4.4 HP 2-stroke	21.2 lbs.	020-0050
TF	Stihl	TS420	Gas	14"	5"	4.4 HP 2-stroke	21.2 lbs.	020-0050
TF	Husqvarna	K760 ¹	Gas	14"	5"	5 HP 2-stroke	29.8 lbs.	020-0050
	Husqvarna	K40-14	Air	14"	5"	100-125 CFM @ 100 PSI	24.2 lbs.	020-0060
TF	Husqvarna	K970-14	Gas	14"	5"	6.4 HP 2-stroke	21.6 lbs.	020-0070
TF	Husqvarna	K970-16	Gas	16"	6"	6.4 HP 2-stroke	24.2 lbs.	020-0070
TF	Stihl	TS800	Gas	16"	6"	6.7 HP 2-stroke	28 lbs.	020-0070
	Husqvarna	K970 Ring ¹	Gas	14"	10"	6.4 HP 2-stroke	26 lbs.	020-0125
	Husqvarna	K3600 Ring ²	Hydraulic	14"	10"	10 GPM @ 2,500 PSI	18.3 lbs.	020-0150

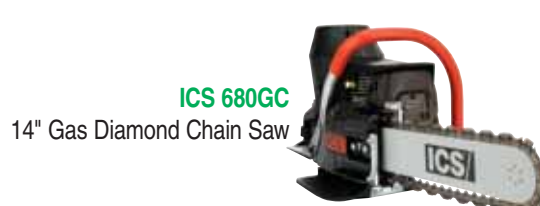
¹Active Air Filtration models ²Matching gas hydraulic power unit is available. (Cat-Class 020-0170)

DIAMOND CHAIN SAWS provide contractors with several unique capabilities for wet cutting of concrete, rebar and masonry materials, such as plunge cuts, corner cuts without overcutting and irregular shape cuts. Gas and hydraulic saws, each featuring a diamond cutting chain and a water lubrication system, are available.



Husqvarna K970 Chain

14" Gas Diamond Chain Saw



ICS 680GC

14" Gas Diamond Chain Saw



	Make	Model	Type	Cutting Bar	Power Source	Weight	Cat-Class
	ICS	613GC	Gas	12"	5.7 HP 2-stroke	21 lbs.	020-0110
	Stihl	GS461	Gas	12"/16"	5.8 HP 2-stroke	16.8 lbs.	020-0120
	Husqvarna	K960/970	Gas	14"	6.1 HP 2-stroke	21 lbs.	020-0120
	ICS	633GC	Gas	14"	6.5 HP 2-stroke	28 lbs.	020-0120
	ICS	680GC	Gas	14"	5.7 HP 2-stroke	21 lbs.	020-0120
	ICS	853 Pro ¹	Hydraulic	11"/15"/19"	8 GPM @ 2,500 PSI	27 lbs.	020-0130

¹Matching gas hydraulic power unit is available. (Cat-Class 020-0170)

CONCRETE/MASONRY EQUIPMENT

CRACK CHASERS, MASONRY SAWS

CRACK CHASERS are designed for repairing random cracks in concrete floors. They utilize a diamond blade or bit to open cracks, leaving smooth edges ready for applying epoxies or other patching materials.



EDCO C-10-11H Gas Walk-behind



Make	Model	Type	Blade	Max Cutting Depth	Power Source	Weight	Cat-Class
EDCO	C-10-11H	Gas walk-behind	8"	3/4"	Honda 11 HP	215 lbs.	032-0260

MASONRY SAWS utilize diamond cutting blades for wet/dry cutting of bricks and blocks. All models feature a sliding cutting table for versatile operation. 14" models include a folding stand and perform both plunge cuts and jam cuts. 20" models are mounted on a rigid stand that includes a foot pedal for performing plunge cuts and combination step cuts. An electric recirculating-type water pump and tray are included for wet cutting applications to cool the blade and control dust.



EDCO BB-14G 14" Gas Saw



Husqvarna MS355 14" Electric Saw



Diamond blades are available for rent and sale (see page 71-72)



Dust collector vacuums are available for rent (see page 74)



	Make	Model	Type	Blade Size	Cutting Depth	Power Source	Weight	Cat-Class
	EDCO	GMS-10-4H	Gas	10"	3"	4 HP Honda	135 lbs.	020-0630
TF	EDCO	BB-14E	Electric	14"	5"	1.5 HP 115/230V	168 lbs.	020-0640
TF	EDCO	MS-14	Electric	14"	5"	1.5 HP 115/230V	200 lbs.	020-0640
TF	Husqvarna	PS1421	Electric	14"	5"	2 HP 115/230V	169 lbs.	020-0640
TF	Husqvarna	MS355 ¹	Electric	14"	5"	1.5 HP 115V	198 lbs.	020-0640
TF	Husqvarna	MS355	Gas	14"	5"	5 HP Honda	160 lbs.	020-0640
TF	Norton	YBM158	Electric	14"	5"	1.5 HP 115V, heavy-duty	90 lbs.	020-0640
TF	Norton	YBM307	Electric	14"	5"	3 HP 115V	70 lbs.	020-0640
TF	EDCO	GMS-14	Gas	14"	5"	5.5 HP Honda	260 lbs.	020-0650
TF	EDCO	BB-14G	Gas	14"	5"	5.5 HP Honda	175 lbs.	020-0650
TF	Norton	YMC547G	Gas	14"	5"	5.5 HP Honda	220 lbs.	020-0650
	Husqvarna	TS510	Electric	20"	8"	5 HP Honda	333 lbs.	020-0660
	EDCO	MS-20-5B	Electric	20"	8"	5 HP 230V	550 lbs.	020-0660
	EDCO	GMS-20-11H	Gas	20"	8"	11 HP Honda	550 lbs.	020-0670

¹1.5 HP 115/230V available in some markets

CONCRETE/MASONRY EQUIPMENT

TILE SAWS, HYDRAULIC SPLITTERS, GAS-POWERED BREAKERS

ELECTRIC TILE SAWS utilize diamond blades for wet/dry cutting of ceramic and quarry tile. All models feature a sliding cutting table to accommodate a variety of cutting applications. An electric recirculating-type water pump and tray are included for wet cutting applications to cool the blade and control dust. These saws are designed for tabletop usage or mounting on a portable stand. 115V operation.



EDCO TMS-10 10" Tile Saw



Husqvarna TS250X
10" Tile Saw



IMER USA Combi 200VA
8" Tile Saw

Blades are available for rent and sale (see page 71-72)



	Make	Model	Blade Size	Capacity Straight Cuts	Capacity Diagonal Cuts	HP	Weight	Cat-Class
TF	Norton	YTM705	7"	14"	10"	1/2	48 lbs.	020-0610
TF	IMER U.S.A.	Combi 200VA	8"	21"	15"	3/4	45 lbs.	020-0610
TF	IMER U.S.A.	Combi 250VA	10"	28"	20"	1-1/2	70 lbs.	020-0615
TF	EDCO	TMS-10	10"	20"	14"	1-1/2	100 lbs.	020-0620
TF	Husqvarna	TS250X	10"	24"	18"	1-1/2	132 lbs.	020-0620
TF	Norton	YTM1015	10"	20"	14"	1-1/2	96 lbs.	020-0620
TF	Husqvarna	TS60	10"	28"	20"	1/2	79 lbs.	020-0620



HYDRAULIC SPLITTERS break reinforced concrete and rock with up to 385 tons of splitting force. It is ideal for many demolition applications including bridge decks and abutments, retaining walls and foundations, especially in environmentally sensitive areas where breakers and blasting cannot be used. After drilling a pilot hole with a pneumatic rock drill, the plug and feather end of the hydraulic splitter is inserted. An air-driven hydraulic pump applies hydraulic pressure to force the plug between the feathers, splitting the concrete or rock. Air requirement is 50–80 CFM @ 100 PSI. Cylinder weighs 68 lbs. and the pump weighs 70 lbs. Elco 02-12 (Cat-Class 002-0090)



GAS-POWERED BREAKERS are ideal for breaking concrete floors, walls and other surfaces in hard to access areas and whenever it is impractical to operate pneumatic demolition tools. It features a quick change holder that accepts standard 1-1/8" hex x 6" shank tool steel. Units are powered by a 2-cycle gas engine. Wacker Neuson BH23, 51 lbs. Wacker Neuson BH24, 57 lbs. (Cat-Class 073-0102)



CONCRETE/MASONRY EQUIPMENT

DIAMOND CORE DRILLS, CORE DRILL RIGS

TF HAND-HELD DIAMOND CORE DRILLS are ideal for both dry and wet drilling applications in reinforced concrete, stone, masonry and asphalt using up to 6" diameter diamond core bits. All models operate on 115V current and include a water system to provide cooling and control dust.

- Accommodate both dry and wet core drilling applications
- Drill accessories and diamond core drill bits are available
- Optional drill stands are available to convert units to core drill rigs (Cat-Class 150-0363)



Dust collector vacuums are available for rent (see page 74)



Hilti DD 130
3-speed Core Drill

Multiquip CDM1H
1-speed Core Drill



Husqvarna DM 230
3-speed Core Drill



TF DIAMOND CORE DRILL RIGS are designed for precision wet drilling applications in reinforced concrete, brick, block and stone using diamond core drill bits up to 26" diameter. All models operate on standard 115V current and feature multi-speed operation to optimize performance.

- Drill Rigs achieve a level of performance and precision that is beyond the capability of hand-held core drills
- Anchor and vacuum bases are available to firmly secure drill rig to the drilling surface
- Drill accessories and diamond core drill bits are available



Husqvarna DMS 280
Core Drill Rig



Husqvarna DS 800
Core Drill Rig



Hand-Held Diamond Core Drill

A dry core drilling application through a masonry wall



Hilti DD 200
Core Drill Rig



Hilti DD 250E Core Drill Rig

An angle drilling application through a concrete wall



	Make	Model	Type	Max Drilling Capacity*	Max Drilling Depth**	Motor	Amp Rating	Speed	Weight	Cat-Class
TF	Multiquip	CDM1H	Hand-Held	5"	N/A	1-speed	11	1,800 RPM	9 lbs.	032-0710
TF	Husqvarna	DM 220	Hand-Held	6"	N/A	3-speed	15	580/1,400/2,900 RPM	12 lbs.	032-0720
TF	Husqvarna	DM 230	Hand-Held	6"	N/A	3-speed	15	500/1,400/2,900 RPM	12 lbs.	032-0720
TF	Hilti	DD 130	Hand-Held	6"	N/A	3-speed	15	780/1,400/1,120 RPM	17 lbs.	032-0720
TF	Husqvarna	DMS 180	Drill Rig	6"	N/A	1-speed	15	1200 RPM	51 lbs.	032-0730
TF	Hilti	DD 130 RIG	Drill Rig	6"	17"	3-speed	15	780/1,400/2,600 RPM	46 lbs.	032-0730
TF	Husqvarna	DMS 240	Drill Rig	10"	20"	1-speed	15	1500 RPM	51 lbs.	032-0730
TF	Husqvarna	DS 800	Drill Rig	16"	26"	3-speed	15	300/660/1140 RPM	108 lbs.	032-0730
TF	Husqvarna	DMS 280	Drill Rig	16"	26"	3-speed	15	300/660/1140 RPM	86 lbs.	032-0730
TF	Hilti	DD 200	Drill Rig	16"	20"	3-speed	20	320/550/1,120 RPM	50 lbs.	032-0740
TF	Hilti	DD 150U	Drill Rig	6-1/4"	20"	3-speed	18.3	780/1,520/285 RPM	47.3 lbs.	032-0740
TF	Hilti	DD 250E	Drill Rig	12"/16"	20"	4-speed	20	275/450/950/1,800 RPM	110 lbs.	032-0740

*Dual drilling capacities reflect optional spacers not installed/installed. **Standard drilling depths shown. Column extensions are available to increase depth.

CONCRETE/MASONRY EQUIPMENT

CUTTING & DRILLING ACCESSORIES

DIAMOND CORE DRILL BITS are available in a range of sizes for hand-held core drills and core drill rigs, including both dry drilling and wet drilling types. Dry drilling core bits are offered in 1" through 6" diameters with a maximum drilling depth of 9-1/2". Wet drilling core bits are offered in 1" through 14" diameters with a maximum drilling depth of 13" (6" and 12" extensions are available). Core drill bits are offered for both rental and sale. *Note: Larger wet drilling core bits up to 26" diameter are also available upon request.*



Dry Drilling Bits

1" through 6" diameter

Wet Drilling Bits

1" through 14" diameter
(larger sizes available)

DIAMOND CORE DRILL ACCESSORIES



Hilti DD REC-1

Water Recycling Unit
(Cat-Class 032-0726)



Hilti DWP 10

Water Supply Unit



Hilti DD VP-U

Vacuum Pump

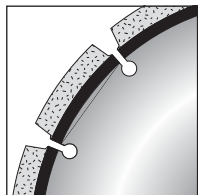


Drill Rig Spacer

Expands core bit
capacity up to 16"

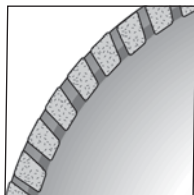
DIAMOND SAW BLADE SELECTION

Diamond saw blades are available for use with concrete saws, masonry saws and tile saws. Small diameter diamond blades, suitable for portable power tools such as circular saws and right-angle grinders, are also available. Diamond blades consist of a precision-made, steel disc with a diamond edge attached by welding or bonding. Three basic types of diamond blades are illustrated below:



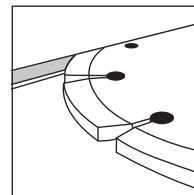
**Segmented—
Laser Welded**

For use on a wide variety of materials. Suitable for all-purpose cutting and hard materials.



**Continuous
T-Rim Turbo**

Excellent for use when less chipping or spalling is desired in all-purpose applications.



**Tuck Pointing
Blades**

These blades are used for cleaning and removing mortar joints. For use on right angle grinders.



Application Guide for Diamond Blades

Blade Type	Applications
Abrasive Block	Cutting very abrasive concrete and cinder blocks
Abrasive Material	Cutting green/abrasive concrete and soft abrasive block
All Purpose	Cutting most concrete, concrete block and medium hard brick
Asphalt	Cutting asphalt pavement
Block	Cutting most concrete blocks
Brick	Cutting hard brick, brick pavers and certain types of hard tile
Combo	Cutting a mixture of bricks and blocks
Cured Concrete	Cutting well-cured concrete over 7 days old with medium to hard aggregate
Green Concrete	Cutting green concrete 2 days or older
Hard Material	Cutting very hard brick, granite and marble
Overlay	Cutting asphalt over concrete
Soft Material	Cutting soft abrasive block
Tile	Cutting most types of ceramic and quarry tile

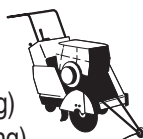
Max Cutting Depths—Diamond Blades	
Blade Diameter	Cutting Depth
Concrete Saw Blades	
12"	3-5/8"
14"	4-5/8"
16"	5-5/8"
18"	6-5/8"
20"	7-5/8"
24"	9-5/8"
26"	10-5/8"
30"	11-3/4"
36"	14-3/4"
42"	17-3/4"
48"	19-3/4"
Masonry Saw Blades	
10"	3"
14"	5"
18"	7"
20"	8"
Tile Saw Blades	
6"	1-3/4"
7"	2-1/4"
8"	2-3/4"
9"	3-1/4"
10"	3-3/4"

CONCRETE/MASONRY EQUIPMENT

CUTTING & DRILLING ACCESSORIES

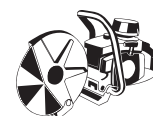
CONCRETE FLOOR SAW BLADES

Diamond/Asphalt/Green Concrete—9"-14" (dry cutting)
 Diamond/Asphalt/Green Concrete—14"-36" (wet cutting)
 Diamond/Cured Concrete—9"-14" (dry cutting)
 Diamond/Cured Concrete—12"-36" (wet cutting)
 Diamond/Green Concrete/Overlay—12"-14" (dry cutting)
 Diamond/Green Concrete/Overlay—14"-18" (wet cutting)
 Abrasive/Asphalt/Green Concrete—14"-18" (dry cutting)
 Abrasive/Concrete—14"-18" (dry cutting)



CUTOFF SAW BLADES

Diamond/Abrasive Material—12"-14" (dry cutting)
 Diamond/All-Purpose—12"-16" (dry cutting)
 Diamond/Continuous T-Rim—12"-14" (dry cutting)
 Diamond/Hard Material—12"-14" (dry cutting)
 Abrasive/Asphalt—12"-16" (dry cutting)
 Abrasive/Chop Saw—14" (metal studs)
 Abrasive/Concrete—12"-16" (dry cutting)
 Abrasive/Ductile—12"-14" (dry cutting)
 Abrasive/Metal—12"-14" (dry cutting)
 Abrasive/Rail Track—14" (dry cutting)
 Wire Joint Brush—12" (concrete)



MASONRY & TILE SAW BLADES

Diamond/Masonry/Block—14" (dry cutting)
 Diamond/Masonry/Block—14"-20" (wet cutting)
 Diamond/Masonry/Brick—14" (dry cutting)
 Diamond/Masonry/Brick—14"-20" (wet cutting)
 Diamond/Masonry/Combo—14"-20" (dry cutting)
 Diamond/Masonry/Combo—14"-20" (wet cutting)
 Abrasive/Masonry—14" (dry cutting)
 Diamond/Tile—6"-14" (wet cutting, continuous rim)
 Diamond/Tile—4"-7" (dry cutting, continuous rim)
 Diamond/Tile/Brick/Pavers—10" (wet or dry cutting, segmented)



PORTABLE POWER TOOL BLADES

Diamond/All Purpose—4"-14"
 Diamond/Continuous T-Rim Turbo—4"-10"
 Diamond/Hard Material—7"
 Diamond/Tile—8"-10"
 Diamond/Tuck Pointing—4"-7"
 Abrasive/Concrete—4"-9"
 Abrasive/Metal—4"-9"
 Flared Cup Stones—4"-6"
 Grinding Cup Wheels—4"-7"



Note: These blades are suitable for use on portable power tools such as right-angle grinders and circular saws.

CONCRETE/MASONRY EQUIPMENT

POWER TROWELS, POWER SCREEDS, HAND FINISHING TOOLS

POWER TROWELS are utilized to float and finish new concrete surfaces. Several types and sizes of power trowels including edging, standard and twin ride-on types are available. All models feature air-cooled gasoline engines, 4-blade design and variable pitch control for adjusting blades to changing surface conditions. Float pans and float, finish and combination blade sets are available for both sale and rental.



Wacker Neuson CT36-5A 36" Walk-behind



Multiquip B46H90 46" Walk-behind



Multiquip HHN-31V-TCSL5 Twin 48" Ride-on



	Make	Model	Type	Engine	Troweling Width	Speed Range	Weight	Cat-Class
	Multiquip	CA4HM	Edging-within 1/4" of walls	Honda 3.5 HP	24"	70-130 RPM	125 lbs.	025-0110
TF	Multiquip	J36H55 ¹	Standard walk-behind	Honda 4.8 HP	36"	60-115 RPM	150 lbs.	025-0130
TF	Wacker Neuson	CT36-5A	Standard walk-behind	Honda 5.5 HP	36"	60-125 RPM	183 lbs.	025-0130
TF	Multiquip	B46H90 ¹	Standard walk-behind	Honda 8 HP	46"	60-130 RPM	242 lbs.	025-0150
TF	Wacker Neuson	CT48-8A	Standard walk-behind	Honda 8 HP	48"	60-125 RPM	243 lbs.	025-0150
	Multiquip	JWN24HTCSL	Ride-on twin 36" non-overlapping	Honda 24 HP	75"	36-180 RPM	685 lbs.	025-0210
	Multiquip	HHN-31V-TCSL5	Ride-on twin 48" non-overlapping	Vanguard 31 HP	91"	10-130 RPM	1,120 lbs.	025-0230
	Wacker Neuson	CRT48-31V-E	Ride-on twin 48" non-overlapping	Vanguard 31 HP	97"	25-150 RPM	1,165 lbs.	025-0230

¹These models are available with either standard or Quick-Pitch handles.

POWER SCREEDS provide increased productivity over manual screeding of freshly poured concrete utilizing a vibratory blade. Vibratory action is achieved by a flexible shaft coupled to eccentric weights, which are adjustable to match the centrifugal force to the blade size. Several blade widths are available. Units disassemble in minutes for easy storage and transportation.



Multiquip DS-GPULW
Power Screenshot

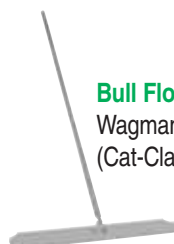
Wacker Neuson P31A
Power Screenshot



	Make	Model	Blade Widths	Engine	Weight	Cat-Class
	Multiquip	DS-GPULW	5'-16'	Honda 1.3 HP gas	32 lbs.	025-0310
	Wacker Neuson	P31A	6'-16'	Honda 1.5 HP gas	34 lbs.	025-0310

HAND FINISHING TOOLS

Bull floats, extension handles and jitterbugs are available for rent.



Bull Float
Wagman BF60R
(Cat-Class 150-0275)



Jitterbug
(Cat-Class 150-0280)

CONCRETE/MASONRY EQUIPMENT

SURFACE PREPARATION OVERVIEW, DUST COLLECTOR VACUUMS

SURFACE PREPARATION EQUIPMENT OVERVIEW

Below is a brief description of each type of surface preparation equipment available for rent.



Concrete Floor Grinders use horizontally rotating discs to level, smooth or clean the top surface of a concrete slab. Grinders are most effective removing from 1/16" to 1/8" of surface material, providing a smoother surface than planers or scabblers. Multi-accessory discs are available with wire brush, grinding stone, scarifier or diamond-segmented inserts. Diamond discs and scarifying tools are also offered for certain models. (see pages 75-76)



Concrete Planers (or Scarifiers) utilize rotating circular cutting wheels to perform a variety of surface preparation functions including milling misaligned sidewalks and joints, removing coatings and traffic lines, grooving and texturing. Planers effectively remove up to 1/8" of surface material per pass. Various styles of interchangeable cutter assemblies are available to match applications. (see page 78)



Air-Powered Scabblers utilize piston-mounted carbide bits to hammer concrete or asphalt surfaces, removing bulk material at penetrations up to 1/4" per pass. Scabblers leave a rougher surface than concrete grinders or planers. Applications include removing spalling and oil-soaked concrete for new overlays, ramping large slabs, texturing parking deck and wheelchair ramps and producing slip-resistant surfaces. (see page 79)



Air Scalers utilize rapidly impacting chisels, scrapers, or other tools to easily remove tile, grout, carpet, fiberglass, asphalt, shingles and other deposits from concrete surfaces. A variety of chisels and scraper blades are available to match applications. Sunbelt Rentals offers air-powered, hand-held scalers plus propane-powered, ride-on floor strippers. (see page 116)



Shot Blasters provide one-step surface preparation for a variety of concrete surface applications such as coating removal where a minimum amount of material must be removed in preparation for resurfacing. Blast media (shot) is directed in a controlled pattern to scour the surface. Shot Blasters are used in conjunction with a dust collector/vacuum that separates the blasted debris from the shot. (see page 80)

DUST COLLECTOR VACUUMS are ideal for collecting dust and residue from all types of surface preparation equipment including grinders, planers, scabblers and shot blasters. They can also be used effectively with other equipment such as rotary hammers and saws. Featuring powerful vacuums with highly-efficient filtration, they reduce the environmental and health hazards of airborne particles. Several sizes of dust collector vacuums are available. Each model includes a vacuum hose and accessories.



Hilti VC40-U 160 CFM



EDCO Vortex-200 200 CFM



ERMATOR S26 258 CFM



ERMATOR S36 358 CFM

	Make	Model	Air Flow	Water Lift	Collector Capacity	Vacuum Hose	Power Source	Weight	Cat-Class
TF	Hilti	VCD-50	106 CFM	92.4"	12 gal.	1-1/2" x 16'	120V, 10A	50 lbs.	080-0120
TF	Clarke/Wap	ATTIX 12RDFD ¹	140 CFM	105.0"	12 gal.	1-1/2" x 10'	120V, 13A	53 lbs.	080-0120
TF	Husqvarna	DC 1400	129 CFM	88.6"	14 gal.	1-1/2" x 8'	220/240V, 16A	38 lbs.	032-0410
TF	EDCO	Vac-160	180 CFM	95.0"	6 gal.	2" x 25'	120V, 13.3A	70 lbs.	032-0410
TF	Hilti	VC40-U	106 CFM	129"	6.6 gal.	1-1/4" x 16'	120V, 20A	80 lbs.	032-0410
TF	EDCO	Vortex-200	200 CFM	94.0"	9 gal.	2" x 25'	110V, 16A	90 lbs.	032-0410
TF	EDCO	Vac-250	250 CFM	100.0"	16 gal.	3" x 20'	120V, 20A	98 lbs.	032-0410
TF	Ermator	S26 ²	258 CFM	100.0"	3.5 gal.	2" x 17'	120V, 20A	103 lbs.	032-0420
TF	Ermator	S36 ²	353 CFM	110.0"	3.5 gal.	2" x 17'	230V, 20A	134 lbs.	032-0430

¹This model also works as a wet/dry vacuum. (see page 278-279) ²HEPA Dust Extractor

CONCRETE/MASONRY EQUIPMENT

INDUSTRIAL CONCRETE GRINDERS, CEILING GRINDERS, GRINDER-VACS

INDUSTRIAL CONCRETE GRINDERS are heavy-duty grinders utilized for the surface preparation of concrete floors prior to the application of new coatings. They are also ideal for grinding, honing and polishing concrete, terrazzo and stone surfaces. Each unit is equipped with a water system and tank for wet grinding and should be used in conjunction with a dust collector vacuum.

- Utilize overlapping rotating discs with diamond plugs that provide fast results with a consistent grinding pattern
- Units can also be equipped with carbide slicers for quickly cutting through heavy, built-up adhesives, elastomeric coatings, water membranes and other coatings



Dust collector vacuums are available for rent (see page 74)



STI-2418LP

Industrial Floor Grinder



Make	Model	Work Path	Disc Type	Speed	HP	Power Source	Weight	Cat-Class
STI	STI-2418LP	24" x 42"	(4) Overlapping	500 RPM	18	Propane	900 lbs.	032-0130
STI	STI-3030	30" x 52"	(4) Overlapping	720 RPM	30	230V, 1ø, 60A	1,450 lbs.	032-0140



CONCRETE CEILING GRINDERS are ideal for smoothing rough edges and joints on precast and poured-in-place ceilings in parking decks and other structures. They feature a self-aligning grinding head that ensures full surface contact. Unit weighs approximately 200 lbs. (Cat-Class 032-0080)

Oztec CG12E 115V, 1.5 HP electric model

Oztec CG12G Honda 2.5 HP gas model

- Grind ceilings from 7' to 12' tall
- Swivel adjustment allows grinding up to and along the edge of walls



Oztec CG12E

Electric Concrete Ceiling Grinder

GRINDER-VACS are hand-held diamond grinders designed for dust-free operation when used with a dust collector vacuum. Utilizing diamond cup wheels or grinding discs, they are ideal for a variety of applications, including concrete grinding, paint coating and adhesive removal and surface preparation. Hilti model features a brushless DC motor that provides long-standing performance and includes a power conditioner that converts AC power to DC.



Hilti DG-150

7" Grinder-Vac



Make	Model	Type	Disc Size	Speed	Power Source	Weight	Cat-Class
Hilti	DG-150	Hand-held	6"	4,700/6,600 RPM	115V, 15A	9 lbs.	032-0150

CONCRETE/MASONRY EQUIPMENT

CONCRETE FLOOR GRINDERS

CONCRETE FLOOR GRINDERS (scarifiers) utilize rotating discs to level, smooth, or clean the top surface of a concrete slab. Applications include eliminating trowel marks, smoothing rough edges, removing coatings, grinding high spots and adding texture to slippery surfaces. Several sizes and types of floor grinders are available including electric edge grinders, electric and gas conventional grinders (single and dual disc) and high-speed Turbo grinders (electric, gas and propane models available). All models accommodate a dust collector vacuum.

- Single Disc and Dual Disc grinders utilize Dyma-Serts™, Multi-Accessory Discs and Strip-Serts™
- Model TMC-7 edge grinders utilize 7" diamond cupwheels
- High-Speed Turbo Grinders utilize 7" or 10" diamond discs



EDCO TMC-7E
7" Edge Grinder Electric



Husqvarna RG2112 15E
Dual Disc Electric Grinder



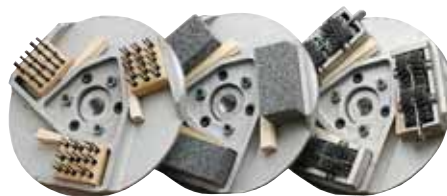
EDCO 2-GC-11H
Dual Disc Gas Grinder



EDCO TG-10-11H
10" Turbo Gas Grinder



Dyma-Serts™
Features diamond grinding segments for faster production



Multi-Accessory Discs
Utilize a variety of inserts including wire brushes, grinding stones and scarifiers



Strip-Serts™
Feature carbide-tipped blocks to clean concrete



Diamond Disc
For High-Speed Turbo Grinders



Diamond Cupwheel
For edge grinders



	Make	Model	Type	Disc Size/Type	Working Width	Power Source	Weight	Cat-Class
TF	EDCO	TMC-7E	Edge Grinder, Electric	7" Diamond Cupwheel	7"	2 HP, 115V	130 lbs.	032-0010
	EDCO	TMC-7G	Edge Grinder, Gas	7" Diamond Cupwheel	7"	5.5 HP Honda	123 lbs.	032-0015
TF	EDCO	SEC-1.5L	Single Disc, Electric	11" Dyma-Sert/Multi-accessory	11"	1.5 HP, 115V	152 lbs.	032-0020
TF	Husqvarna	PG280	Single Disc, Electric	11" Dyma-Sert/Multi-Accessory	11"	3 HP, 115V	176 lbs.	032-0020
TF	General	SG12/E	Single Disc, Electric	12" Dyma-Sert/Multi-Accessory	12"	1.5 HP, 115V	242 lbs.	032-0020
TF	EDCO	TG-7	Turbo Grinder, Electric	7" Diamond Disc	7"	2 HP, 115V	117 lbs.	032-0020
TF	EDCO	2EC-1.5B	Dual Disc, Electric	11" Dyma-Sert/Multi-Accessory	22"	1.5 HP, 115V	233 lbs.	032-0040
TF	General	SG24/E	Dual Disc, Electric	12" Dyma-Sert/Multi-Accessory	24"	2 HP, 115/230V	325 lbs.	032-0040
TF	Husqvarna	RG2112 15E	Dual Disc, Electric	12" Multi-Purpose Discs	22"	1.5 HP, 115V	310 lbs.	032-0040
TF	EDCO	2GC-11H	Dual Disc, Gas	11" Dyma-Sert/Multi-Accessory	22"	11 HP Honda	242 lbs.	032-0050
TF	General	SG24/GH	Dual Disc, Gas	12" Dyma-Sert/Multi-Accessory	24"	11 HP Honda	350 lbs.	032-0050
TF	Husqvarna	RG2112 11	Dual Disc, Gas	12" Multi-Purpose Discs	22"	11 HP Honda	325 lbs.	032-0050
	EDCO	TG-10-5B	Turbo Grinder, Electric	10" Diamond Disc	10"	5 HP, 230V	190 lbs.	032-0060
TF	EDCO	TG-10-11P	Turbo Grinder, Propane	10" Diamond Disc	10"	11 HP Honda	190 lbs.	032-0030
	EDCO	TG-10-11H	Turbo Grinder, Gas	10" Diamond Disc	10"	11 HP Honda	190 lbs.	032-0070



SURFACE PREPARATION FLOOR GRINDING & REMOVAL



MAGNETIC TRAP

DUAL-DISC FLOOR GRINDER

8" WALK-BEHIND CRETE-PLANER™

5 HEAD CRETE-CRUSHER™



MEETS AND
EXCEEDS OSHA
RESPIRATORY
STANDARDS

Vacuum systems remove airborne dust and drastically shortens clean-up times. EDCO vacuum systems are superior to common shop vacs when creating healthy and safe working environments.

CONCRETE/MASONRY EQUIPMENT

CONCRETE PLANERS, TRAFFIC LINE REMOVERS

CONCRETE PLANERS (or Scarifiers) utilize rotating circular cutting wheels to perform a variety of surface preparation functions, including milling misaligned sidewalks and joints, removing coatings and traffic lines, grooving and texturing. Push-type and self-propelled models are available, with both gas and electric power options offered. All models are designed to accommodate a dust collector vacuum.

- Cutting depths are adjustable up to 1/8" per pass.
- Several types of cutters offered for achieving smooth, textured, or grooved surfaces



Dust collector vacuums are available for rent (see page 74)



Husqvarna CG2009
8" Gas Push-type



EDCO CPU-10FC-20H
10" Gas Self-propelled



EDCO CPM-8-9H
8" Gas Push-type



Make	Model	Type	Working Width	Power Source	Weight	Cat-Class
EDCO	CPM-8-5B	Electric Push-type	8"	5 HP 230V, 1ø	202 lbs.	032-0210
EDCO	CPM-8-9H	Gas Push-type	8"	9 HP Honda	202 lbs.	032-0220
Husqvarna	CG2009	Gas Push-type	8"	9 HP Honda	164 lbs.	032-0220
EDCO	CPU-10FC-10B	Electric Self-propelled	10"	10 HP 230/460V, 3ø	565 lbs.	032-0230
EDCO	CPU-10FC-20H	Gas Self-propelled	10"	20 HP Honda	565 lbs.	032-0240



TRAFFIC LINE REMOVERS are ideal for removing traffic lines from concrete and asphalt surfaces, while causing minimal surface damage. Includes a 3" vacuum port to accommodate a dust collection system and two removable 45 lb. weights to adjust grinding pressure. Unit is powered by an 11 HP Honda gas engine and weighs 440 lbs. EDCO TLR-7 (Cat-Class 032-0250)

- Tri-Cut rotary head provides a 7" grinding width
- Tilting chassis allows safe, easy cutter changes



EDCO TLR-7
Traffic Line Remover
Shown with removable weight



CONCRETE/MASONRY EQUIPMENT

AIR-POWERED SCABBLERS, MAGNETIC SWEEPERS

AIR-POWERED SCABBLERS are ideal for removing spalling, loose, deteriorating and oil-soaked concrete for new overlays; ramping large slab differences; texturing parking deck and wheelchair ramps; producing slip-resistant surfaces; and removing floor coatings. They utilize carbide bits in multi-head configurations to hammer concrete or asphalt surfaces, removing bulk material at penetrations up to 1/4" per pass.

- Designed for fast concrete removal with a rough finish
- Accommodate a dust collection system
- Choice of carbide bits to match application (see below)

Tungsten carbide bits offered for use with air scabblers:

- 5-Point—provides up to 1/4" penetration per pass, producing a rough texture.
- 9-Point—provides up to 1/8" penetration per pass, producing a medium texture.
- Crosscut—provides approximately 1/16" penetration, producing a light texture.



5-Point Bit



9-Point Bit



Crosscut Bit

Note: Towable diesel air compressors suitable for powering air-powered scabblers are available for rent. (see page 22)



Dust collector vacuums are available for rent (see page 74)



EDCO CD-5 5-Head Scabbler



EDCO CD-3 3-Head Scabbler



Make	Model	Heads	Working Width	Max BPM	Air Requirement	Weight	Cat-Class
EDCO	CD-3	3	7"	1,200	100 CFM @ 85 PSI	165 lbs.	002-0094
EDCO	CD-5	5	11-1/2"	1,200	160 CFM @ 85 PSI	300 lbs.	002-0095

MAGNETIC SWEEPERS are ideal for easy cleanup and recycling of stray steel shot resulting from portable shot blaster operation. They are also great for picking up nails and other debris. NailHawg models feature a unique hand/toe release for easy operation. (Cat-Class 150-0350)

Van Mark NH25—25" width; 18 lbs. net wt.

Van Mark NH31—31" width; 20 lbs. net wt.

Superior Magnetic 71730—30" width; 13 lbs. net wt.

Bastpro BTP004335—25" width; 13 lbs. net wt.



Van Mark NH25



Superior Magnetic Model B

CONCRETE/MASONRY EQUIPMENT

PORTABLE SHOT BLASTERS

PORTABLE SHOT BLASTERS provide one-step surface preparation for a variety of concrete surface applications where a minimum amount of material must be removed in preparation for resurfacing. Blast media (shot) is directed in a controlled pattern to scour the surface. A powerful dust collector vacuum separates the blasted debris from the shot and stores it safely for disposal. Steel shot is recycled through the chamber until it is too small to be effective and then it is removed with the debris by the vacuum. Several types of shot blasters are available including an electric push-type edger model, electric self-propelled models and a propane-powered ride-on model, providing blast patterns up to 10" wide.

- Push-type edger model works within 1/2" of side walls and 1-1/2" of corners and accommodates a dust collector vacuum
- Self-propelled models are designed to work with a matching dust collector vacuum
- Propane ride-on model includes an onboard dust collector vacuum system



Magnetic sweepers are available—ideal for cleanup and recycling of steel shot (see page 79)



BlastPro BP-9-11V 9" Push-type Edger



BlastPro BP-10-SUPER 10" Electric Self-propelled



BlastPro BP-10-27 10" Propane Ride-on



BlastPro BP-15 Super 15" Electric Self-propelled



Make	Model	Type	Working Width	Production Capacity	Travel Speed	Power Source	Dust Collector	Weight	Cat-Class
BlastPro	BP-9-110V	Electric Push-type	9"	275 sq. ft./hr.	Manual	110V, 18A	—	121 lbs.	032-0310
BlastPro	BP-9-220V	Electric Push-type	9"	375 sq. ft./hr.	Manual	208V/230, 13/12A	—	178 lbs.	032-0320
BlastPro	BP-10-SUPER	Electric Self-propelled	10"	1,550 sq. ft./hr.	0–100 FPM	230/460V, 3ø, 34/17A	BP-9-54	736 lbs.	032-0330
BlastPro	BP-10-27	Propane Ride-on	10"	1,500 sq. ft./hr.	0–200 FPM	27 HP Kohler	Onboard System	1,525 lbs.	032-0340
BlastPro	BP-15-SUPER	Electric Self-propelled	15"	1,950 sq. ft./hr.	0–100 FPM	230/460V, 3ø, 50/24A	BP-9-54	847 lbs.	032-0350

CONVEYORS

PORTABLE CONVEYORS, MODULAR CONVEYORS

PORTABLE CONVEYORS are ideal for applications requiring the movement of building supplies and bulk materials up steep inclines. They feature a narrow frame that fits easily through small openings and windows. Lightweight design allows two persons to move the conveyor into position quickly and easily. 110V operation.

- Ideal for lifting shingles, tiles, bricks and other building materials on construction sites
- Forward and reverse operation, controlled from either the ground or roof
- 2-wheel dolly mounting for portability
- Units can operate at steep inclines up to 80°, making them ideal for roofing applications. In addition, two conveyors can be synchronized for moving large panels



Linkit 32 Portable Conveyors

Two synchronized units lifting a large panel



Linkit 32 Portable Conveyor

Lifting shingles on a residential roofing job



Make	Model	Length	Belt Width	HP	Weight	Cat-Class
Redline	C-3-21	21'	10"	1	500 lbs.	044-0204
Redline	C-3-26	26'	10"	1.5	650 lbs.	044-0206
Linkit	LKB-26E	26'	8"	1	227 lbs.	044-0206
Linkit	LKB-32E	32'	8"	1	362 lbs.	044-0202

MODULAR CONVEYORS provide extra versatility by adapting to various configurations. Each section is self-contained with its own electric 110V motor. Multiple sections can be assembled together in minutes and up to four sections can be powered by a 5,000 watt generator.

- Each unit is self-contained with its own 110V motor
- Conveyors are fully reversible and operate at inclines up to 35° for dirt and 25° for rubble
- Includes a transfer hopper to help prevent spillage, plus a wheel set for easy moving and positioning



Sectional conveyors provide extra versatility for working in close quarters.



Multiple sectional conveyors working on an underground excavation project



Linkit 14 Sectional Conveyors

Three units shown on a landscape project



Make	Model	Length	Belt Width	Amp Rating	Weight	Cat-Class
Miniveyor	# MSI-010845C	10'	15"	5.4	170 lbs.	044-0200
Linkit	LKS300-3.2	10'	12"	5.0	228 lbs.	044-0200
Linkit	LKS300-4.4	14'	12"	5.0	278 lbs.	044-0202

CRANES

PORTABLE INDUSTRIAL CRANES, CARRY DECK CRANES

PORTABLE INDUSTRIAL CRANES feature 48V self-propelled operation. Narrow 37" width and short 6' 7" turning radius allow traveling through narrow corridors and doorways. Low 5' 6" retracted height helps clear overhead obstructions. Units include an onboard battery charger and weigh 4,800 lbs. Valla 25E, (Cat-Class 060-0110)

Valla 25E-WINCH—Includes a hydraulic winch and remote control (Cat-Class 060-0115)

- 5,500 lbs. max lifting capacity (pick-and-carry)
- 8' 6" horizontal reach and up to 14' lifting height



Valla 25E Portable Industrial Crane

Hydraulic Winch

CARRY DECK CRANES are ideal for lifting applications requiring a compact, low-profile crane that will clear overhead obstructions and maneuver in tight spaces. Applications include industrial and manufacturing plants, equipment maintenance and repair, industrial and mechanical contractors and general construction.

- Compact, low-profile design clears overhead obstructions and maneuvers in tight spaces
- Effective lift capacities, both stationary (on outriggers) and pick & carry (on tires)
- Large, self-loading cargo decks are ideal for transporting heavy objects on the job
- Diesel and dual fuel (gas/propane) power options



Broderson IC-20



Broderson IC-200 15-ton Carry Deck Crane



Shuttlelift 5540 15-ton Carry Deck Crane

Make	Model	Capacity* (Outriggers)	Capacity* (Pick/Carry)	Capacity* (Deck)	Sheave Height**	Horizontal Reach**	Overall Ht / Width	Power Source	Weight	Cat-Class
Broderson	IC-20	5,000 lbs.	2,500 lbs.	5,000 lbs.	21'/15'	22'	7'-6"/4'	65 HP Dual Fuel	6,380 lbs.	060-0205
Broderson	IC-35	8,000 lbs.	6,700 lbs.	6,000 lbs.	26'/33'	27'	6'-6"/5'	65 HP Dual Fuel	7,860 lbs.	060-0210
Broderson	IC-80-3F DF	18,000 lbs.	11,400 lbs.	14,000 lbs.	37'/47'	30'/40'	87"/78"	66 HP Dual Fuel	15,800 lbs.	060-0310
Shuttlelift	3339 DF	18,000 lbs.	11,500 lbs.	14,000 lbs.	38'/55'	31'/48'	87"/77"	70 HP Dual Fuel	15,800 lbs.	060-0310
Shuttlelift	3340 DF	18,000 lbs.	11,500 lbs.	14,000 lbs.	38'/55'	31'/48'	87"/79"	70 HP Dual Fuel	16,600 lbs.	060-0310
Broderson	IC-80-3F D	18,000 lbs.	11,400 lbs.	14,000 lbs.	37'/47'	30'/40'	87"/78"	74 HP Diesel	15,800 lbs.	060-0320
Shuttlelift	3339 D	18,000 lbs.	11,500 lbs.	14,000 lbs.	38'/55'	31'/48'	87"/77"	99 HP Diesel	15,800 lbs.	060-0320
Shuttlelift	3340 D	18,000 lbs.	11,500 lbs.	14,000 lbs.	38'/55'	31'/48'	87"/79"	80 HP Diesel	16,600 lbs.	060-0320
Broderson	IC-200-2C DF	30,000 lbs.	16,200 lbs.	17,000 lbs.	45'/60'	36'/51'	95"/96"	110 HP Dual Fuel	27,640 lbs.	060-0410
Shuttlelift	5540 DF	30,000 lbs.	16,000 lbs.	20,000 lbs.	47'/61'	37'/51'	93"/94"	100 HP Dual Fuel	26,500 lbs.	060-0410
Broderson	IC-200-2C D	30,000 lbs.	16,200 lbs.	17,000 lbs.	45'/60'	36'/51'	95"/96"	110 HP Diesel	27,640 lbs.	060-0420
Shuttlelift	5540 D	30,000 lbs.	16,000 lbs.	20,000 lbs.	27'/61'	37'/51'	96"/94"	80 HP Diesel	26,500 lbs.	060-0420
Shuttlelift	5560RT 4WD DF	36,000 lbs.	16,000 lbs.	20,000 lbs.	61'/76'	51'/66'	93"/94"	100 HP Dual Fuel	30,700 lbs.	060-0430
Shuttlelift	5560RT 4WD D	36,000 lbs.	16,000 lbs.	20,000 lbs.	61'/76'	51'/66'	93"/94"	110 HP Diesel	30,700 lbs.	060-0440

*Capacity ratings shown reflect crane operation under optimum conditions with retracted boom at minimum radius.

Consult the capacity and range chart with the crane to determine the capacity for specific lifting applications.

**Sheave heights and horizontal reach shown reflect main boom/boom plus extension or jib.

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

DEHUMIDIFICATION BASICS

GLOSSARY

Actual Vapor Pressure—the partial pressure exerted by the water vapor present in a parcel, measured in millibars. Water in a gaseous state (i.e. water vapor) exerts a pressure just like the atmospheric air.

Dehumidification—the process of removing moisture from the air or other materials.

Desiccant—a substance such as calcium oxide or silica gel that is used as a drying agent.

Dew Point—the temperature air must be cooled to in order for saturation to occur, producing water in the form of dew or condensation.

Dry Bulb Temperature—the actual air temp.

Evaporation—the change of liquid water into water vapor. Moisture evaporates due to differential vapor pressure—the larger the vapor pressure differential, the faster the drying.

Humidistat—an instrument that indicates or controls the relative humidity of the air.

Hygrometer—an instrument that measures atmospheric humidity.

Relative Humidity—the ratio of the amount of water vapor in the air at a specific temperature to the maximum capacity of the air at that temperature. Relative humidity is expressed as a percentage: divide the actual vapor pressure by the saturation vapor pressure and then convert to a percent.

Saturation of Air—the condition under which the amount of water vapor in the air is the maximum possible at the existing temperature and pressure. Condensation or sublimation will begin if the temperature falls or water vapor is added to the air.

Saturation Vapor Pressure—the maximum partial pressure that water vapor molecules would exert if the air were saturated with vapor at a given temperature. Saturation vapor pressure is directly proportional to the temperature.

Wet Bulb Temperature—the lowest temperature that can be obtained by evaporating water into the air at constant pressure. Wet bulb temperatures can be used along with the dry bulb temperature to calculate dew point or relative humidity.

CALCULATING REQUIREMENTS

WATER DAMAGE RESTORATION

Normally two to five air changes per hour (ACH) are recommended for water damage restoration applications.

1. Calculate the volume of the structure in cubic feet (L x W x H).
2. Calculate the SCFM for one air change (volume ÷ 60).
3. Calculate the dehumidification capacity required (SCFM x ACH).

Example: A multi-story building measuring 100'L x 50'W x 50'H has received water damage due to flooding. Provide dehumidification capacity for three air changes per hour (ACH).

1. Volume = 100 x 50 x 50 = 250,000 cu. ft.
2. SCFM = 250,000 ÷ 60 = 4,167 SCFM
3. Dehumidification capacity = 4,167 SCFM x 3 ACH = 12,501 SCFM

This capacity could be provided using three 5,000-CFM dehumidifiers or one 15,000-CFM dehumidifier.

INDUSTRIAL CONDENSATION PREVENTION

Use desiccant dehumidifiers in combination with air conditioning units. Size dehumidifier flow for approximately one-half the air conditioner flow. Use 400 SCFM per ton of A/C capacity. If large amounts of outside air (above 10% of total flow) are required, use an air conditioner to pre-cool the dehumidifier inlet.

Example: Provide temporary dehumidification for a commercial building with a rooftop 20-ton air conditioner.

$$\text{Dehumidification capacity} = 400 \text{ SCFM} \times 20 \text{ tons} \div 2 = 4,000 \text{ SCFM}$$

INDUSTRIAL PREPARATION AND SURFACE COATINGS

Temporary dehumidification inside tanks being prepared for painting or industrial coating eliminates the potential for condensation.

Procedure: Purge the tank with 100% dehumidified air. Return air is not used due to the heavy dirt loading, usually 2 to 4 ACH is sufficient.

Example: Provide temporary dehumidification for a 100' diameter tank 30' high. The tank has (3) 3' diameter manholes and (8) 1' diameter vents.

Sizing Method #1 (Volume)

1. Calculate the volume of the tank in cu. ft. ($3.14 \times \text{Radius}^2 \times H$).
 2. Calculate the SCFM for one air change (volume ÷ 60).
 3. Calculate the dehumidification capacity required (SCFM x ACH).
- Dehumidification capacity = 235,500 cu. ft. ÷ 60 = 3,925 SCFM @ 1 ACH
This computes to 7,850 SCFM @ 2 ACH or 15,700 SCFM @ 4 ACH.

Sizing Method #2: (Leakage)

1. Calculate the leakage in square feet from manholes and vents.
 2. Calculate the dehumidification capacity required (Leakage x 250 FPM).
- Leakage = 21.13 sq. ft. (manholes) + 9.42 sq. ft. (Vents) = 30.60 sq. ft. total
Dehumidification capacity = 30.60 sq. ft. x 250 FPM = 7,650 SCFM

Note: The above calculations are for estimating purposes only. The actual dehumidification requirements for specific applications may vary.

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

AIR MOVERS

AIR MOVERS are an important component of drying, especially in water damage restoration, because they lift moisture from materials up into the air. Air movers include turbodryers, ductible axial fans and high-volume, open air fans. Each type can be combined with dehumidifiers and other equipment to create a complete drying system.

TURBODRYERS (or carpet dryers) provide continuous, high velocity air flow for fast, efficient drying of carpets, floors and other surfaces with water damage. They are also useful for carpet cleaning and drying concrete sealer and freshly painted surfaces. Turbodryers feature rugged housings and a stackable design for easy storage.

- Operate up to three units on a single 115V circuit
- Sahara Pro X3 features daisy-chain capability with an outlet and circuit breaker

Dri-Eaz Sahara Pro X3 Turbodryers 3 units daisy-chained on a single 115V circuit



Make	Model	Rated Air Flow	Tested Air Flow	Motor	Amp Rating	Weight	Cat-Class
Dri-Eaz	Sahara Pro X3	2,700 CFM	1,013 CFM	3-speed	4.0	27 lbs.	0161-1200
Dri-Eaz	Santana SX	2,250 CFM	1,075 CFM	2-speed	4.7	25 lbs.	0161-1200



VORTEX AXIAL FANS deliver massive air flow to create positive air pressure for ventilating hard-to-reach areas with fresh air, or negative air pressure to pull out moist or contaminated air. They utilize 12" diameter collapsible ducting to move high volumes of air up to 125'. Features a 1 HP, 7.4 amp 115V motor. Overall dimensions: 16"L x 19"W x 19"H. Unit weighs 35 lbs. Dri-Eaz F174 (Cat-Class 161-1210)

- Units are stackable to save storage space
- 1,980 CFM tested air flow, up to 3.2" static pressure
- 12" diameter collapsible duct is available in 25' lengths

Dri-Eaz F174 Vortex Axial Fan

VELO LOW PROFILE AIRMOVER offers low amp draw and excellent portability. 1.9 amps, 885 CFM Air Movement, Single Speed Motor, Stackable, 5 versatile positions, 21 lbs. Overall dimensions: 24"L x 18"W x 9"H. (Cat-Class 161-1225)



**Dri-Eaz
VELO**



Dri-Eaz F259 Ace Open Air Fan

OPEN AIR FANS deliver high volumes of air through a large opening to boost drying power in remediation applications involving water damage. They are used to remove moisture-laden air from the area being restored to increase the rate of evaporation, boosting the effectiveness of dehumidifiers. Ace features a unique design utilizing a 16" 8-blade fan that optimizes air flow for drying applications. An efficient 1/4 HP motor draws only 1.5 amps. Overall dimensions: 19"L x 20"W x 24"H. Unit weighs 33 lbs. Dri-Eaz F259 Ace (Cat-Class 161-1220).

- 16" 2-speed fan with 2,000 CFM tested air flow
- Stackable interlock system allows stacking of units
- Operate up to eight units on a single 115V circuit
- Fans operate in seven different positions for added versatility

*Available on
Disaster Response Unit*

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

PORTABLE DEHUMIDIFIERS



DISASTER RESPONSE UNITS

For large loss and areas of declared emergencies, our fleet of Disaster Response Units can rapidly deploy with large numbers of air movers and portable dehumidifiers to efficiently combat water damage.

800-508-4760

Approx 368 stackable fans and 112 dehumidifiers in each trailer

Dri-Eaz F259 Ace
Open Air Fan

Dri-Eaz 25 GPD* LGR
Dehumidifier
*gallons per day



PORTABLE DEHUMIDIFIERS remove moisture from the air by capturing small molecules of water vapor released from carpets, wood and other materials during the drying process. Dehumidifiers are combined with air movers to form the foundation of an effective drying system. Both refrigerant-type and desiccant portable dehumidifiers are available.

REFRIGERANT-TYPE DEHUMIDIFIERS provide powerful drying power for the restoration of carpets, drywall and other materials following water damage. All models feature rugged polyethylene housings, 2-wheel or caster mounting, a water pump-out system and standard 115V operation.

- Revolution and i models feature automatic variable speed adjustment, automatically monitor and display inlet and outlet conditions, and come with a built in humidistat to set specific humidity.
- 33°F to 100°F operating range
- For large loss and areas of declared emergencies, our fleet of Disaster Response Units can rapidly deploy with large numbers of air movers and portable dehumidifiers to efficiently combat water damage.
- Low grain refrigerant models provide improved performance in the later stages of a drying job



Dri-Eaz Revolution
306 CFM Low Grain
Refrigerant-type



Dri-Eaz LGR 7000XLi
325 CFM Low Grain
Refrigerant-type



Dri-Eaz LGR 2800i
400 CFM Low Grain
Refrigerant-type



Dri-Eaz LGR 3500i
400 CFM Low Grain
Refrigerant-type

Model	Type	Moisture Removal (Max)	Moisture Removal (at AHAM)	CFM Rating	Amp Rating	Overall Dimensions	Weight	Cat-Class
Revolution	Low Grain Refrigerant	10.1 gal./day	6 gal./day	306	6.2	13"L x 18"W x 22"H	65 lbs.	161-1040
Evolution	Low Grain Refrigerant	15.0 gal./day	8.8 gal./day	160	5.0	21"L x 21"W x 34"H	92 lbs.	161-1040
DrizAir 1200	Low Grain Refrigerant	15.0 gal./day	8 gal./day	227	6.4	20"L x 20"W x 32"H	80 lbs.	161-1040
LGR 2800i	Low Grain Refrigerant	25.0 gal./day	16.2 gal./day	400	8.0	24"L x 23"W x 41"H	165 lbs.	161-1050
LGR 2000	Low Grain Refrigerant	28.0 gal./day	14.0 gal./day	320	8.0	24"L x 23"W x 41"H	132 lbs.	161-1050
LGR 7000XLi	Low Grain Refrigerant	29.3 gal./day	16.2 gal./day	325	8.3	33.5"L x 20"W x 20"H	107 lbs.	161-1050
LGR 3500i	Low Grain Refrigerant	33.0 gal./day	21.3 gal./day	400	10.5	23"L x 24"W x 41"H	160 lbs.	161-1050

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

PORTABLE DEHUMIDIFIERS

REFRIGERANT-TYPE DEHUMIDIFIERS

- DRY-42 fits easily through a standard 36" doorway and is equipped with industrial-grade casters and built-in handles for easy maneuverability around any job site.
- For versatile mobility, choose between skid- or trailer-mounting for any of the DRY-100/200/250 models. Supply and return is quickly installed for flexible ducting.
- Constructed of heavy gauge materials.



Mobile Cool DRY-42
1,400 CFM Refrigerant-Type



Mobile Cool DRY-100
4,000 CFM Refrigerant-Type



Mobile Cool DRY-250
10,000 CFM Refrigerant-Type



Mobile Cool DRY-100
4,000 CFM Refrigerant-Type



Mobile Cool DRY-200
8,000 CFM Refrigerant-Type



Mobile Cool DRY-250
10,000 CFM Refrigerant-Type

Model	Type	Mobility	Moisture Removal (Max)	CFM Rating	Voltage	Amp Rating	Overall Dimensions	Weight	Cat-Class
Dry-42	Refrigerant	Casters	3.5 gal./hour	1,400	230V 1ø	26	57"L x 33"W x 41"H	475 lbs.	107-0132
Dry-60	Refrigerant	Casters/Skid	5 gal./hour	2,000	230V 1ø	47	73"L x 46"W x 51"H	795 lbs.	107-0150
Dry-100	Refrigerant	Skid/Trailer*	10 gal./hour	4,000	460V 3ø	31	96"L x 59"W x 53"H	1,350 lbs.	107-0210
Dry-200	Refrigerant	Skid/Trailer*	20 gal./hour	8,000	460V 3ø	53	127"L x 92"W x 67"H	2,600 lbs.	107-0220
Dry-250	Refrigerant	Skid/Trailer*	25 gal./hour	10,000	460V 3ø	57	128"L x 92"W x 63"H	3,200 lbs.	107-0230

*Trailer-mounted unit available.

PORTABLE DESICCANT DEHUMIDIFIERS solve difficult restoration problems including structural materials, hardwood floors, books and documents damaged by water. They are also ideal for industrial drying applications, such as surface preparation prior to applying coatings. Warm, dry air is vented to the area being restored and moisture-laden air is vented outdoors using flexible ducting.

- Dry air down to 5% relative humidity
- 0° to 100°F operating range
- DriTec 4000i unit has smart controls, temperature, RH readout and on-board humidistat,
- Can be used on its back for low-clearance areas



DriTec 4000i
Electric Desiccant
Dehumidifier

Model	Type	Reactivation	Air Volume	Moisture Removal		Overall Dimensions*	Weight	Cat-Class
				80°F / 60% RH	55°F / 80% RH			
DriTec 4000i	Electric		395	14.8 gal./day	10 gal./day	21"L x 22"W x 34"H	95 lbs.	161-1110
MS-600	Electric		600	23 gal./day	18 gal./day	32"L x 26"W x 43"H	140 lbs.	105-0005

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

LARGE DESICCANT DEHUMIDIFIERS

Sunbelt Rentals Pump & Power Services locations offer large capacity desiccant dehumidifiers ideal for water damage restoration applications, condensate and humidity control in manufacturing, and corrosion and humidity control for industrial coating and lining applications, as well as moisture mitigation in construction projects. By utilizing advanced desiccant technology to provide a low dew-point airstream and absorbing moisture vapor in the air, Sunbelt's desiccant dehumidifiers lower moisture levels in both the ambient indoor air and moisture content in building materials. This reduces the premature degradation of building materials and lowers the risk of microbial growth due to high moisture levels within a structure. Desiccant dehumidifiers are the most efficient option for humidity control, are suitable for use in nearly all environmental conditions, and can be operated as a stand-alone strategy or as a component of a more complex environmental control system with other air treatment components such as air conditioners, heaters and HEPA filtration units.



Above: Four 5,000 CFM Electric Desiccant Dehumidifiers in operation at a construction project in CA.

Above Right: Four 5,000 CFM Electric Desiccant Dehumidifiers utilizing extensive ducting operating on a new construction.

Above Right: Technician checking performance on a 5,000 CFM desiccant dehumidifier using a digital thermo hygrometer.



LARGE DESICCANT DEHUMIDIFIER APPLICATIONS

Water Damage Restoration—Provide a low-dew point air stream to quickly pull moisture from building materials that have come in contact with water due to storms, floods, fires and piping failures. Quickly dry out wet buildings and structures to prevent growth of mold and fungus.

New Construction Dehumidification—Speed drying and curing of construction materials; also helps prevent odors and mold contamination.

Humidity Control in Buildings—Use alone or with other air-treatment components, such as air conditioners, heaters and HEPA filters.

Industrial Preparation and Surface Coatings—Prevent condensation inside tanks prior to painting or industrial coating to ensure proper bonding.

Industrial Condensation Prevention—Eliminate condensation in industrial and manufacturing processes to ensure high quality.

Power Plant & Marine Lay-up—Prevent corrosion in utility and industrial piping idled for long periods by lowering the ambient dew point.



Pharmaceutical
Food Supplement



Maritime
Power Plant



Surface Preparation
Protective Coating Application



Food Production
Cold Storage

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

LARGE DESICCANT DEHUMIDIFIERS

LARGE DESICCANT DEHUMIDIFIERS utilize a solid desiccant rotor that is slowly rotated by a drive motor. As the rotor turns, this produces very dry discharge air with extremely low relative humidity, which is ducted to the area being treated to facilitate drying or other moisture control applications. Many advanced features are included to provide precision control and maximum operating efficiency. Electric, gas and propane reactivation types are available. All models require electric power to energize the controllers and blower motors.

- 600 CFM models come in two options. Single phase 230 Volt comes in a portable unit that will run off a spider box and is ideal for residential or construction applications. 460 Volt / 3 Phase unit comes mounted in a lifting cage with fork pockets and is built for industrial projects.
- 1000/2000 CFM combination unit is 460 Volt / 3 Phase and has an option for either 1,000 or 2,000 CFM. This allows you to run the unit at a lower setting, decreasing energy use and cost. Unit is mounted in a lifting cage with fork pockets and casters.
- 5,000 CFM Tri-Fuel models can utilize electric, natural gas or propane gas for the reactivation energy, allowing you to choose the most efficient energy method. Unit electrical operation is 460 Volt / 3 Phase with single point hookup for either natural gas or propane. Unit comes in a lifting cage with fork-pockets and is less than 48" wide allowing for units to be shipped side-by-side.
- 15,000 CFM Tri-Fuel units utilize the same technologies found in our 5,000 CFM units. Ideal for outside use, the units are mounted on a galvanized steel skid, surrounded by a lifting cage. Units require 460 Volt / 3 Phase and can utilize natural gas or propane.

Note: Ducting is available in 25' lengths.



5,000 CFM Electric Desiccant Dehumidifier
& 175 kW Generator



5,000 CFM Desiccant Dehumidifier,
320 kW Generator & 150 kW Heater



15,000 CFM Electric Desiccant Dehumidifier

Performance Specifications (Gas = Natural Gas or Propane)

Model	Type Reactivation	Air Volume	Static Pressure	Moisture Removal			Overall Dimensions*	Weight	Cat- Class
				80°F / 60% RH	55°F / 80% RH	40°F / 80% RH			
MS-600	Electric	600	0.5"	23 gal./day	18 gal./day	N/A	32"L x 26"W x 43"H	140 lbs.	105-0005
MS1000	Electric	1,000	2"	58 gal./day	43 gal./day	20 gal./day	81"L x 29"W x 40"H	525 lbs.	105-0010
MS2000	Electric	2,000	2"	143 gal./day	120 gal./day	30 gal./day	92"L x 30"W x 50"H	800 lbs.	105-0110
MS2400/1000	Electric	1000-2400 Hi (2000)	2"	158 gal./day	121 gal./day	72gal./day	92"L x 35"W x 63"H	1,100 lbs.	105-0050
		Low (1000)	2"	79 gal./day	69 gal./day	36gal./day	92"L x 35"W x 63"H	1,100 lbs.	105-0050
MS2000G	Gas	2,000	2"	143 gal./day	120 gal./day	71 gal./day	92"L x 29"W x 50"H	800 lbs.	105-0120
MS5000	Electric	5,000	5"	392 gal./day	331 gal./day	216 gal./day	170"L x 49"W x 79"H	4,800 lbs.	105-0410
MS5000TRI	Tri-Fuel	5,000-6,000	5"	392 gal./day	331 gal./day	216 gal./day	170"L x 49"W x 79"H	5,000 lbs.	105-0420
MS10000TRI	Tri-Fuel	10,000-12,000	5"	866 gal./day	754 gal./day	458 gal./day	193"L x 96"W x 72"H	7,600 lbs.	105-0440
MS15000	Electric	15,000	5"	1,221 gal./day	1,022 gal./day	697 gal./day	211"L x 88"W x 104"H	8,800 lbs.	105-0810
MS15000TRI	Tri-Fuel	15,000-17,000	5"	1,221 gal./day	1,022 gal./day	697 gal./day	211"L x 88"W x 104"H	13,500 lbs.	105-0820

*Dimensions of individual units may vary from the above specs—check with your Sunbelt Rentals location to confirm dimensions.

Air ducts—600 CFM: (4) 10" ducts; 1,000 CFM: (6) 10" ducts; 2,000 CFM: (2) 20" & (2) 10" ducts; 5,000 CFM: (2) 20" ducts; 15,000 CFM: (6) 20" ducts

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

LARGE DESICCANT DEHUMIDIFIERS, HYBRID COOLING UNITS SUNBELT AIR MONITORING SYSTEM (SAMS)

Electric/Fuel Requirements (Gas = Natural Gas or Propane)

Model	Type Reactivation	Electric Load (Electric Reactivation) 230V, 1ø	Electric Load (Electric Reactivation) 460V, 3ø	Electric Load (Gas Reactivation) 460V, 3ø	Fuel Consumption (Natural Gas) Max Usage	Fuel Consumption (Propane) Max Usage
GC-150	Electric	N/A	5A/3 kW ¹	N/A	N/A	N/A
MS-600	Electric	24A/20 kW ¹	18A/20 kW ¹	N/A	N/A	N/A
MS1000	Electric	80A/56 kW ¹	28A/36 kW ¹	N/A	N/A	N/A
MS2000	Electric	N/A	56A/56 kW ¹	N/A	N/A	N/A
MS2400/1000	Electric (2400)	N/A	60A/56 kW ¹	N/A	N/A	N/A
	Electric (1000)	N/A	30A/36 kW ¹	N/A	N/A	N/A
MS2000G	Gas	N/A	N/A	15A/20 kW ¹	120 cu. ft./hr.	.975 gal./hr.
MS5000	Electric	N/A	138A/120 kW ¹	N/A	N/A	N/A
MS5000TRI	Tri-Fuel	N/A	138A/120 kW ¹	13A/20 kW ¹	400 cu. ft./hr.	4.4 gal./hr.
MS10000TRI	Tri-Fuel	N/A	292A/250 kW ¹	26A/20 kW ¹	718 cu. ft./hr.	7.6 gal./hr.
MS15000	Electric	N/A	335A/300 kW ¹	N/A	N/A	N/A
MS15000TRI	Tri-Fuel	N/A	335A/300 kW ¹	44A/56 kW ¹	1,200 cu. ft./hr.	12.7 gal./hr.

¹Recommended generator size for portable operation

HYBRID COOLING UNITS are designed to provide practical moisture control in hot and humid environments. The Sunbelt HCU units bring makeup air into a space by using a cooling coil to control temperature while a desiccant rotor wheel controls ambient humidity.

The Sunbelt HCU units are very energy efficient, reducing the overall cost of operation by lowering the amount of power and fuel necessary for operation. The HCU design combines practical cooling and desiccant dehumidification technologies into one energy efficient package. The Sunbelt HCU units are often utilized in construction drying projects, protective coating application projects, and in seasonal applications within the power generation, manufacturing and entertainment industries.



- 4,000-6,000 CFM
- Humidity or temperature demand control
- High energy efficiency
- Variable frequency drive for capacity control
- Digital control with optional remote monitoring
- Optimizes refrigeration-based A/C and desiccant-based dehumidification performance

Model	Dimensions	Weight	Full Load Amps (FLA)	Static Pressure	Airflow	Cat-Class
HCUB-6000	152"L x 89"W x 89"H	7000 lbs.	78 at 460V, 3ø	5" of Water Column	4000-6000 SCFM	105-0430

SUNBELT AIR MONITORING SYSTEM (SAMS) offers a wireless solution for monitoring job site conditions. Originally designed to meet stringent military specifications for tank lining, SAMS successfully monitors the conditions of nearly any critical dehumidification project and is the only logging system able to continuously collect conditions in the event power and/or internet connectivity is lost.

- Perfect for use on industrial coating and painting projects and construction sites
- Invaluable project documentation of job site conditions
- Optional sensors available to measure air pressure differential, CO₂ and other gases, and porous materials such as wood, concrete and plaster



Sunbelt Air Monitoring System (SAMS)

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

HIGH STATIC BLOWERS, INLINE ELECTRIC BLOWERS



HIGH STATIC BLOWERS move low to medium volumes of air at high static pressures. Skid-mounted, the fans in our High Static Blowers are rated at 14,000 CFM at 14" Wc., giving you the capacity you need to get the job done. Typical applications include material conveying, product drying, scrubber exhaust, combustion air and more.

EnTech Industries VNT1400
High Static Blower

Make	Model	Mounting	Motor	Fan	Dimensions	Weight	Cat-Class
EnTech Industries	VNT1400	Skid	50 HP 460V/3Ø	14,000 CFM @ 14" wc /spark resistant	64"L x 67"W x 60"H	2,415 lbs.	036-0650



United Cool Air PILB5G4
Inline Electric Blower

INLINE ELECTRIC BLOWERS are designed especially for ducted applications up to 20" with up to 5" External Static Pressure. Mounted on casters, our Inline Electric Blowers offer a horizontal cabinet and are capable of producing 5,000 CFM.

Inline heaters also available. Please see page 158



Make	Model	Mounting	Power Requirements	Blower Capacity	Motor	Motor FLA	Motor Speed	Dimensions	Weight	Cat-Class
United Cool Air	PILB5G4	Skid	460V/3Ø/60	5,000 CFM	10 HP 460V 3Ø	11.5 Amps	3,525 RPM	52"L x 38"W x 51.5"H	582 lbs.	010-1090

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

MOLD ABATEMENT

MOLD ABATEMENT

Mold infestation commonly occurs whenever water damage or other moisture problems in indoor environments are not abated promptly and thoroughly. Mold-related problems can significantly affect human health and substantially increase the time and cost of facility restoration.

It is important that contractors coming in contact with structures contaminated with mold understand the proper procedures and the most effective techniques to prevent contaminating the structure further with additional mold spores. This is critical for protecting their employees from the potential health effects of mold and their businesses from the possible costs resulting from litigation.

Three terms that continually arise concerning mold abatement are **containment**, **negative air** and **air changes per hour**. These terms are interrelated and involve the use of air scrubbers or negative air machines.

Containment is the process of isolating a contaminated area from the rest of the facility. Methods of containment range from simple to sophisticated, but the goal is to prevent contaminants from spreading. There are two types of containment: source containment and area containment. The severity of the mold growth and the size of the contaminated area usually dictate which type should be used.

Simple source containment is used when the area is small and easy to dispose of without further contamination. Removing a moldy ceiling tile is an example of source containment.

Source containment can also be achieved using localized negative pressure. An example is a one-square foot patch of mold on a wall. A small piece of poly can be taped around the area to be removed; then use a small HEPA vacuum to create a negative pressure inside the enclosed area and remove released particles.

Area containment is used when the contaminated area is larger or requires some invasive activities to remove the mold source. An example is the removal of mold-contaminated wallboard.



An enclosure of polyethylene sheeting (large enough to completely cover the work area) is typically constructed. (see ZipWall dust barriers on page 79)

Large contaminated areas may require the erection of a full-scale containment area, which may include airlocks, pass throughs and equipment rooms.

Negative pressure in containment is typically achieved using air-moving

equipment. This could be as simple as a fan exhausting air through a window or doorway of a closed off room. However, much more effective treatment is achieved using negative air machines and portable air scrubbers, equipped with high output blowers and multi-stage filtration systems that trap contaminated particles.

The third term used in mold abatement protocol is “air changes per hour” or ACH, which measures the rate at which fresh air replaces contaminated air within the containment area. ACH refers to how many times per hour an amount of air equal to the volume of air in the containment area is exhausted and replaced with clean air from outside the containment area. Most mold abatement projects call for 4 to 6 ACH.

Air scrubbers have a distinct advantage over negative air machines, since they are designed to withstand much more filter loading while maintaining high air flows. Therefore, one air scrubber can sometimes replace several negative air machines.

CALCULATING CFM REQUIREMENTS

Use the formula below to determine the portable air scrubber or negative air machine capacity you need, based on the size of the containment area and the ACH required:

$$\text{CFM} = \text{ACH} \times \text{Volume of containment area} \div 60$$

Example: Room size is 50' x 50' with an 8' ceiling. You want to utilize an air scrubber that will achieve 5 ACH.

$$\text{Volume} = 50' \times 50' \times 8' = 20,000 \text{ cu. ft.}$$

$$\text{CFM} = 5 \text{ ACH} \times 20,000 \text{ cu. ft.} \div 60 = 1,667$$

DEHUMIDIFIERS/REMEDATION EQUIPMENT

PORTABLE AIR SCRUBBERS

PORTABLE AIR SCRUBBERS carry air filtration to an even higher level than negative air machines by utilizing 4-stage filtration. This includes two particulate filters, a carbon adsorption filter and a HEPA filter. They also utilize more powerful blowers that can pull high volumes of air to maintain sufficient air flow and negative pressure even when the filters become loaded. Air scrubbers are portable and are designed for easy, one person transport. Units can be operated using three different methods: recirculation, negative pressure and air cleaning in remote areas.

Q) How do Portable Air Scrubbers clean the air?

A) Portable air scrubbers utilize four stages of progressively efficient filters to remove particulates, gaseous contaminants and odors from the air:

Stages 1 and 2: Particulate Prefilters

Two particulate prefilters remove visible particles and protect the carbon and HEPA filters from premature loading. The first stage is a 1" deep disposable filter for capturing larger particles. The second stage is a 2" deep pleated filter that captures most remaining visible (10+ micron) particles.

Stage 3: Carbon Adsorption

The third stage is an activated carbon filter that removes odors and captures gases and volatile organic compounds (VOCs) from smoke, molds, coatings, paints and adhesives.

Stage 4: HEPA Filtration

The final stage is a HEPA filter with a minimum particulate efficiency of 99.97% at 0.3 microns. These filters are designed to capture microscopic particulates and bioaerosols (including metal fumes, asbestos fibers, lead dust, smoke particles, bacteria and mold and fungal spores). This level of filtration often eliminates the need for final cleaning and dust removal after construction and renovation jobs.

Q) How are Portable Air Scrubbers utilized?

A) Portable air scrubbers can be utilized using three different methods: recirculation, negative pressure and remote location cleaning:

Recirculation

By continuously filtering and recirculating air within a local area, airborne contaminants are captured. This method is also effective for protecting parts or products from contaminants that settle out of the air and for reducing exposure to unpleasant odors from paintings and coatings.



Negative Pressure

Negative pressure air filtration prevents contaminants from migrating into other parts of a facility, protecting occupants, furnishings and products from exposure to airborne contaminants. A negative air machine or portable air scrubber filters the air inside the containment area and exhausts filtered air outside through flexible ducting, creating a lower (negative) pressure inside the containment area.

Remote Location Cleaning

It is not always feasible to locate a portable air scrubber inside the containment area. For example, a restoration contractor may need to remove contaminants from a crawl space or attic, a flooded basement or a vehicle. Flexible ducting attached to the inlet of the unit is used to draw contaminated air out of the containment area and into the air scrubber for cleaning. This technique can also be used to capture contaminants from a localized source, such as a grinding or sawing operation.

DEHUMIDIFIERS/REMEDICATION EQUIPMENT

PORTABLE AIR SCRUBBERS

PORTABLE AIR SCRUBBERS provide high performance filtration of airborne contaminants in a wide range of applications, including mold abatement and disaster restoration, as well as construction, renovation and industrial operations. Air Scrubbers feature 4-stage (or 3-stage) filtration for superior performance utilizing particulate prefilters, carbon adsorption filters, HEPA filters and custom filters for special applications.

- Powerful blowers pull high volumes of air (even through dirty filters) to maintain air flow and negative pressure
 - Compact designs allow easy, one-person transport and setup. Larger models include built-in transport dollies. All models fit through a 30" doorway
 - Spark arresting filters are available for welding smoke extraction
 - Potassium permanganate filters are available for CO gas removal. (Gas detection and monitoring is required)
- Note: All prefilters must be purchased separately.*



Recirculation

The air scrubber continuously cleans and recirculates air within a local area



Negative Pressure

The air scrubber operates inside the containment area. Filtered air is exhausted outside using flexible ducting, creating a negative pressure inside



Remote Location

The air scrubber operates outside the containment area. Flexible duct attached to the inlet draws contaminated air out of the containment area



- Left: **HEPA500** 500 CFM Air Scrubber
 Lower Left: **PRED1200** 900 CFM Air Scrubber
 Lower Center: **PAS2400** 2,100 CFM Air Scrubber
 Lower Right: **PAS5000** 4,340 CFM Air Scrubber



Accessory Items

- A Inlet Manifold
 B Inlet/Outlet Collar
 C Flexible Duct



Make	Model	Max CFM	Filtration	Typical Filter Arrangement	Coverage @ 5 ACH*	Power Requirements	Duct Dia	Overall Dimensions	Weight	Cat-Class
Dri-Eaz	HEPA500	500	3-stage	Particulate/Carbon/HEPA	750 sq. ft.	115V, 3A	8"	26"L x 18"W x 25"H	44 lbs.	161-1300
Abatement	PAS600	600	3-stage	Particulate/Particulate-Carbon/HEPA	900 sq. ft.	115V, 2A	8"	28"L x 16"W x 17"H	49 lbs.	161-1300
Abatement	PAS1200	900	4-stage	Particulate (2)/Carbon Adsorption/HEPA	1,350 sq. ft.	115V, 4A	10"	19"L x 22"W x 39"H	79 lbs.	161-1310
Abatement	PRED1200	900	4-stage	Particulate (2)/Carbon Adsorption/HEPA	1,350 sq. ft.	115V, 3.5A	10"	22"L x 24"W x 42"H	70 lbs.	161-1310
Abatement	PAS2400	2,100	4-stage	Particulate (2)/Carbon Adsorption/HEPA	3,150 sq. ft.	115V, 12A	12"	32"L x 25"W x 50"H	170 lbs.	161-1320
Abatement	PAS5000	4,000	3-stage	Particulate/Carbon Adsorption/HEPA	6,000 sq. ft.	220V, 23A	14"	44"L x 27"W x 60"H	395 lbs.	061-0330

*Coverage is based on a containment area with an 8' ceiling. †The second stage can be either a pleated particulate filter or a carbon adsorption filter.

DEHUMIDIFIERS/REMEDATION EQUIPMENT

NEGATIVE AIR MACHINES, CONTAINMENT CARTS, DUST BARRIERS

NEGATIVE AIR MACHINES feature 2-stage filtration—prefilters to capture larger particulates and HEPA filters to capture microscopic particulates. They are utilized for clearing the air of a variety of airborne contaminants. Dirt, drywall dust, sawdust, asbestos fibers, molds and fungal spores, bacteria and other contaminants are safely removed from the air to help protect workers.

Note: All prefilters must be purchased separately.

Abatement Technologies
H1990HP
1,800 CFM



Make	Model	HP	CFM	Coverage@ 5 ACH*	Static Pressure	Power Requirements	Duct Dia.	Overall Dimensions	Weight	Cat-Class
Abatement	H1990HP	1.75	1,800	2,700 sq. ft.	2.5"	115V, 13A	12"	35"L x 19"W x 31"H	142 lbs.	161-1420

*Coverage is based on a containment area with an 8' ceiling.

CONTAINMENT CARTS provide stability and security coupled with HEPA efficient containment in areas where protection against harmful airborne particulate is critical. (Cat-Class 061-0700)

- Ideal for meeting ICRA compliance while performing projects requiring ceiling access
- Recessed floor pockets hold 16', 3-section, fiberglass ladder securely in place within OSHA regulations for angle of use
- Full perimeter header gasket provides air tight seal against ceiling grid
- Cart features easy to clean anodized aluminum frame with clear polycarbonate walls, 900 lbs load rating and secure locking casters
- Built in cover allows cart interior to be sealed off while in transport or storage
- Upper fabric sleeve features a vinyl pass-thru window for feeding pipe and conduit into the workspace
- Dimensions: 62"L x 32"W x 81"H



ZIPWALL® DUST BARRIERS are ideal for constructing indoor containment area enclosures to prevent the migration of airborne contaminants to other areas of a building. (Cat-Class 150-0430)

- Spring-loaded poles are available in two lengths: 12' poles (extend from 4' 7" to 12'); 20' poles (extend from 6' 9" to 21')
- Utilized with user-supplied plastic sheeting (up to 8 mil thickness)
- Access zippers are available for easy entry/exit
- A 3-sided ZipWall dust barrier can be erected by one person in less than 5 minutes



DEHUMIDIFIERS/REMEDICATION EQUIPMENT

INSULATION VACUUMS

INSULATION VACUUMS are designed for fast removal of insulation from attics, sidewalls and crawl spaces. Wet or dry insulation is removed quickly and efficiently. Material can be discharged into recovery bags for recycling or disposal, or directly into a dumpster. Features 3-wheel mounting with pneumatic tires for rugged portability.

Note: Pickup tubes, suction hose and discharge hose are available for rent. Disposable recovery bags are available for purchase.



Disposable recovery bags are available for purchase.



Meyer Versa-Vac 18 Insulation Vacuum



Meyer Versa-Vac 18 Insulation Vacuum Pickup Tube

Make	Model	Type	Power Source	Inlet/Outlet	Capacity		Weight	Cat-Class
					Cellulose	Fiberglass		
Meyer	Versa-Vac 18	Vacuum	Kohler 18 HP gas	6"	6,042 lbs./hr.	4,199 lbs./hr.	330 lbs.	061-0500

DOZERS & CRAWLER LOADERS

CRAWLER DOZERS, CRAWLER LOADERS

CRAWLER DOZERS feature power angle-tilt blades for outstanding performance and precision control in a variety of earthmoving applications. The blade can be angled left/right, tilted forward/back and raised/lowered with a single joystick control. Rugged powertrains with hydrostatic, or power-shift transmissions, provide smooth operation and excellent load capacity. Standard and low ground pressure (LGP) models are available.



Case 650L 75 HP Crawler Dozer



John Deere 450J 77 HP Crawler Dozer



Make	Model	HP	Blade Width	Blade Capacity	Shoe Width	Ground Pressure	Drawbar Pull (1 st gear/1 MPH)	Transport Dimensions	Weight	Cat-Class
Case	550H	67	96"	1.7 cu. yd.	16"	5.7 PSI	22,080 lbs.	13'L x 7' 5"W x 8' 6"H	14,317 lbs.	052-0115
Case	650K	75	98"	2 cu. yd.	16"	6.5 PSI	20,000 lbs.	14'L x 7' 7"W x 9' 1"H	18,200 lbs.	052-0120
John Deere	650J LT/SC	99	105"	2.91 cu. yd.	18"	5.9 PSI	23,900 lbs.	13' 5"L x 8' 9" W x 9' 1"H	20,723 lbs.	052-0200
Case	650K LGP	75	124"	2.6 cu. yd.	25"	4.4 PSI	20,000 lbs.	14'L x 9' 3"W x 9' 1"H	19,400 lbs.	052-0130
Case	650L LGP	74	120"	2.15 cu. yd.	27"	3.9 PSI	36,000 lbs.	13' 6"L x 10"W x 8' 7"H	17,550 lbs.	052-0130
Case	650L Widetrack	74	112"	2 cu. yd.	20"	5.0 PSI	36,000 lbs.	13' 6"L x 10"W x 8' 7"H	16,800 lbs.	052-0130
John Deere	450J	77	97"	2.1 cu. yd.	16"	5.9 PSI	19,000 lbs.	12' 11"L x 8' 1"W x 9"H	16,283 lbs.	052-0120
John Deere	450J LGP	77	124"	2.5 cu. yd.	24"	4.3 PSI	19,000 lbs.	13' 2"L x 9' 4"W x 9"H	17,525 lbs.	052-0130
Case	750K	81	104"	2.2 cu. yd.	18"	5.3 PSI	25,000 lbs.	14' 2"L x 8"W x 9' 1"H	18,900 lbs.	052-0135
Case	750K LGP	81	124"	2.6 cu. yd.	28"	4.0 PSI	25,000 lbs.	14' 2"L x 9' 6"W x 9' 1"H	20,200 lbs.	052-0137
Case	750L LGP	84	124"	2.6 cu. yd.	28"	4.0 PSI	40,000 lbs.	14' 2"L x 12' 4"W x 9' 1"H	20,200 lbs.	052-0137
Case	750L Widetrack	84	120"	2.52 cu. yd.	24"	4.5 PSI	40,000 lbs.	14' 2"L x 12"W x 9' 1"H	19,700 lbs.	052-0137
John Deere	550J	85	105"	2.3 cu. yd.	18"	5.5 PSI	20,000 lbs.	13' 3"L x 8' 1"W x 9"H	17,016 lbs.	052-0135
John Deere	550J LGP	85	124"	2.5 cu. yd.	24"	4.2 PSI	21,000 lbs.	13' 3"L x 9' 7"W x 9"H	18,252 lbs.	052-0137
John Deere	850K	205	128"	7.3 cu. yd.	24"	8.1 PSI	77,300 lbs.	17' 8"L x 10' 8" x 10' 5"H	46,263 lbs.	052-0225

CRAWLER LOADERS feature a multi-purpose bucket for maximum versatility performing applications from land clearing to finished grading. Overall dimensions: 185"L x 82"W x 111"H. Unit weighs 33,950 lbs. John Deere 655C-II (Cat-Class 052-0225)

- 130 HP turbocharged diesel engine
- Variable speed hydrostatic drive
- 2.1 cu. yd. x 98" width multi-purpose bucket w/bolt-on teeth
- 107" max dump clearance
- 21,226 lb. max tipping load, 24,525 lb. max breakout force
- 20" width standard grouser shoes



John Deere 655C-II 130 HP Crawler Loader



DRAIN & SEWER CLEANING/INSPECTION

PIPE & DRAIN CLEANERS



MANUAL TOILET AUGERS are ideal for clearing stoppages beyond toilet bowls. They utilize a wire cable with a flexible downhead that slides through the bowl and around corners. (Cat-Class 150-0445)



General IT6FL-DH
Manual Toilet Auger

MANUAL SEWER EELS are hand-operated drain cleaners that provide a lightweight alternative to larger electric models. Hand-held model is great for sinks and baths without disconnecting plumbing. Fixed base model are ideal for rooftop work in downspouts. (Cat-Class 150-0450)



Electric Eel Model HE
Hand-held Manual Eel



Electric Eel Model K
Fixed Base Manual Eel

DRILL-POWERED EELS are ideal for clearing stoppages in sinks, tubs and showers. They operate like a variable speed drill coupled to a flexible cable. 115V operation. (Cat-Class 073-0033)



General Super-Vee
Drill-powered Eel



Electric Eel Model S
Drill-powered Eel

ELECTRIC SEWER EELS provide the extra power needed for tough unclogging jobs and larger diameter lines. All models feature 115V operation and larger units include a wheeled cart for portability.



Electric Eel
Model CT

Electric Eel
Model E



Electric Eel
Model R



General
Mini-Rooter



General Easy-Rooter



SECTIONAL CABLE EELS handle tough jobs up to 200' long in 3" to 10" diameter lines, and are especially good for cleaning tree root blockages. They feature walk-behind operation using 10' sectional cables that snap together in seconds. Units are powered by 115V motors and include ten 10' sectional cables. (Cat-Class 073-0021)

Note: Extra 10' sectional cables are available.



General R-88-GP
Sectional Cable Eel

ELECTRIC SEWER JETS clear grease, sand and ice with high-pressure water. They include a removable hose reel and a 2-wheel cart for portability. 115V operation. (Cat-Class 073-0022)



Electric Eel EJ-1500
Electric Sewer Jet



	Make	Model	Applications	Cable Size	HP	Weight*	Cat-Class
TF	Electric Eel	Model CT	3/4"-2-1/2" lines	5/16" x 36'	1/5	29 lbs.	073-0030
TF	General Wire	Mini-Rooter 50	1-1/4"-4" lines	1/2" x 50'	1/3	32 lbs.	073-0030
TF	Electric Eel	Model E	1-1/4"-3" lines	1/2" x 75'	1/3	95 lbs.	073-0025
TF	General Wire	Mini-Rooter 75	1-1/4"-4" lines	1/2" x 75'	1/3	32 lbs.	073-0025
TF	Electric Eel	Model R-3/4	3"-6" lines (w/roots)	3/4" x 100'	1/3	180 lbs.	073-0020
TF	Electric Eel	Model R-5/8	3"-6" lines (w/roots)	5/8" x 100'	1/3	165 lbs.	073-0020
TF	General Wire	Easy-Rooter	3"-10" lines (w/roots)	5/8" x 100'	1/3	80 lbs.	073-0020

*Weights shown for General models do not include cable.

DRAIN & SEWER CLEANING/INSPECTION

PIPE FREEZERS, VIDEO PIPE INSPECTORS



PIPE FREEZERS allow contractors to keep water systems operating while making repairs. Operates as a mini-refrigeration unit with two aluminum freeze heads that form an ice plug in the pipe in only about five minutes. Accommodates 1/2–2" steel pipe and 1/2–2-1/2" copper tube. 115V operation. Unit weighs 55 lbs. (Cat-Class 074-0525)



Ridgid SF-2500
Pipe Freezer

VIDEO PIPE INSPECTORS are ideal for inline inspection and troubleshooting of 2"–10" diameter lines. Systems include a cable-mounted video camera, inline transmitter, cable reel, push cable and a video monitor/recorder. (Cat-Class 074-0495)

- Miniature cameras maneuver through multiple bends and traps
- Cameras include LED lighting for proper illumination
- Dual power modes: 115V AC and 12V DC
- Pipeline locators are available for all models. (Cat-Class 074-0496)

Electric Eel ACE2-200SL
Video Pipe Inspector



Electric Eel BB1000
Pipeline Locator
For Metallic lines



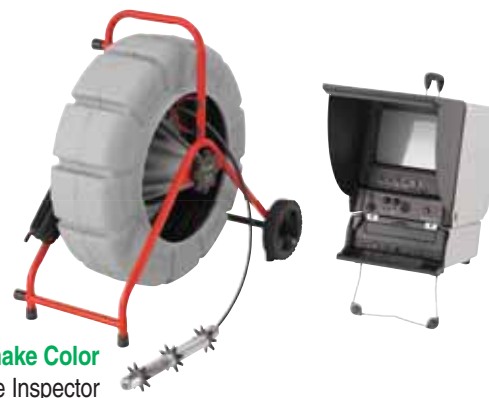
Electric Eel LF-2000
Pipeline Locator
For Non-metallic lines



General Gen-Eye C-GL-B
Video Pipe Inspector
Shown with digital locator
and optional mini-reel



Ridgid NaviTrack Scout
Pipeline Locator



Ridgid SeeSnake Color
Video Pipe Inspector



Make	Model	Line Capacity	Cable Length	Camera Type	Recorder Type	Monitor	Cat-Class
Electric Eel	ACE2-200SL	3"–12"	200'	Color, self-leveling	Wifi/Video Output.USB	5" Color	074-0495
Electric Eel	EC-5	2"–8"	100'	B&W, standard	N/A	5" B&W	074-0495
Electric Eel	EC-10LCD	3"–8"	200'	Color, self-leveling	DVD	10" Color	074-0495
Electric Eel	EC-200-CSL-2	3"–10"	200'	Color, self-leveling	DVD	9" Color	074-0495
General Wire	C-GL-B	2"–10"	200'	Color, standard	DVD	9" Color	074-0495
Ridgid	SeeSnake B&W	2"–12"	200'	B&W, standard	VCR	9" B&W	074-0495
Ridgid	SeeSnake Color	2"–12"	200'	Color, standard	VCR	10" Color	074-0495

ELECTRIC TOOLS

ELECTRIC DRILLS, DRYWALL SCREWDRIVERS

HAND-HELD DRILLS feature high performance and reversible operation for production drilling applications. Available drills include 120V models and an 18V cordless model.



Bosch 1132VSR
3/8" Right Angle Drill



DeWalt DW124K
1/2" Right Angle Drill



Bosch 1034VSR
1/2" High Torque Drill

	Make	Model	Capacity	Type	Speed Range	Amp Rating	Weight	Cat-Class
TF	Bosch	1132VSR	3/8"	Right Angle	0-1,100 RPM	3.8	4 lbs.	004-0020
TF	DeWalt	DW124K	1/2"	Right Angle	300/1,200 RPM	11.5	14 lbs.	004-0020
TF	Porter Cable	7556	1/2"	Right Angle	0-750 RPM	8.0	11 lbs.	004-0020
TF	Bosch	1034VSR	1/2"	High Torque	0-550 RPM	8.0	5 lbs.	004-0022
	Bosch	33618	1/2"	18V Cordless	0-400/0-1,300 RPM	2.4	6 lbs.	004-0080

MAGNETIC DRILLS are compact portable drill presses with magnetic bases that are ideal for many industrial drilling applications. Jancy drills utilize Slugger® cutters, a unique bit that produces burr-free holes in one operation. They also feature a through-the-spindle coolant system and a soft-touch control panel for precision operation. Some models can also accommodate a twist drill adapter that allows using conventional twist drill bits. All models operate on standard 120V power.



Slugger Cutter
Ranging from
1/2" to 4"
diameter



Jancy JM101



Jancy MagForce



Jancy SluggerMax 4x4

	Make	Model	Twist Drill Capacity*	Slugger Capacity	Cutting Depth	Speed(s)	Amp Rating	Weight	Cat-Class
TF	Jancy	JM101*	1/2"	1-3/8"	2"	450 RPM	10.2	28 lbs.	004-0026
	Jancy	MagForce	N/A	1-3/8"	2"	395 RPM	10.2	27 lbs.	004-0028
TF	Jancy	SluggerMax 2x2	N/A	2"	2"	210/420 RPM	10.2	37 lbs.	004-0028
	Jancy	SluggerMax 4x4*	1-1/4"	4"	3"	100/150/200/310 RPM	11.7	73 lbs.	004-0029

*Twist drill adapter option is required on Jancy JM101 and SluggerMax 4x4 models.

DRYWALL SCREWDRIVERS are ideal for driving screws in drywall, subflooring, decking and other applications. They feature variable speed control with forward-reverse operation, available in 120V and 12V cordless models.



Bosch PS20-2A
12V Cordless



Bosch SG25MT
120V

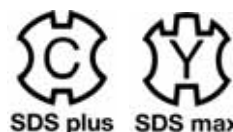
	Make	Model	Speed Range	Torque	Voltage	Amp Rating	Weight	Cat-Class
	Bosch	PS20-2A	0-500 RPM	100 in. lbs.	12V DC	N/A	2 lbs.	004-0025
	Hilti	SD4500	0-4,500 RPM	84 in. lbs.	120V	6.5	3 lbs.	004-0025
	Bosch	SG25MT	0-2,500 RPM	179 in. lbs.	120V	7.0	3 lbs.	004-0025
	Bosch	1420VSR	0-4,000 RPM	N/A	120V	4.8	3 lbs.	004-0025

ELECTRIC TOOLS

ROTARY & COMBINATION HAMMERS

ROTARY & COMBINATION HAMMERS combine impact with rotation to perform drilling and anchoring in concrete, masonry, wood and steel. Tool speed and impact force can be adjusted electronically to match each application. Sunbelt Rentals offers several types and sizes of hammers, plus a wide selection of bits and chiseling tools.

- Small combination hammers include a hammer only mode for light chiseling applications using SDS-plus chiseling tools
- Medium and large combination hammers operate in hammer & rotation or hammer only modes and utilize SDS-max carbide bits and chiseling tools. They can also accommodate core bits for larger diameter drilling
- All units (except cordless models) operate on 120V power
- Cordless rotary hammers operate in hammer and rotation or rotation only modes utilizing SDS-plus carbide bits
- SDS-plus and SDS-max carbide bits, core bits and chiseling tools are available (see page 102)
- Dust removal systems are available for some models (see page 74)



	Make	Model	Max Impact Energy/Blow	Carbide Bit Capacity	Core Bit Capacity	Operating Modes	Tool Type	Speed Range	Impact Range	AC Amps/DC Volts	Weight	Cat-Class
	Bosch	11225VSRH ^{1,2}	1.0 ft. lbs.	3/4"	N/A	H&R/R	SDS-plus	0–1,200 RPM	0–1,200 BPM	24V DC	8 lbs.	120-0010
	Hilti	TE 30A36	2.7 ft. lbs.	1-1/8"	3-9/16"	H&R/H/R	SDS-plus	0–850 RPM	0–4,500 BPM	36V	12 lbs.	120-0010
TF	Bosch	11250VSRH	1.6 ft. lbs.	3/4"	1-1/2"	H&R/R	SDS-plus	0–1,100 RPM	0–4,400 BPM	6.1A	5 lbs.	120-0020
TF	Hilti	TE 7-C ²	1.9 ft. lbs.	7/8"	2-1/2"	H&R/H/R	SDS-plus	0–740 RPM	0–4,020 BPM	6.3A	8 lbs.	120-0030
TF	Bosch	11255VSR	2.2 ft. lbs.	1"	2-5/8"	H&R/H/R	SDS-plus	0–1,300 RPM	0–5,800 BPM	7.2A	7 lbs.	120-0030
TF	Bosch	11236VS ²	2.6 ft. lbs.	1-1/8"	4"	H&R/H/R	SDS-plus	0–650 RPM	0–3,900 BPM	7.2A	9 lbs.	120-0030
TF	Bosch	11224VSR	1.6 ft. lbs.	1"	4"	H&R/H/R	SDS-plus	0–1,100 RPM	0–6,150 BPM	6.9A	7 lbs.	120-0030
TF	Hilti	TE 56-ATC ²	5.2 ft. lbs.	1-3/4"	3-9/16"	H&R/H	SDS-max	0–720 RPM	0–2,886 BPM	9.2A	15 lbs.	120-0050
TF	Bosch	11241EVS	7.4 ft. lbs.	1-9/16"	4"	H&R/H	SDS-max	170–340 RPM	1,700–3,300 BPM	11.0A	14 lbs.	120-0050
TF	Bosch	11248EVS	7.4 ft. lbs.	1-9/16"	4"	H&R/H	Spline	170–340 RPM	1,700–3,300 BPM	11.0A	14 lbs.	120-0050
TF	Bosch	11240	6.2 ft. lbs.	1-9/16"	4"	H&R/H	SDS-max	0–400 RPM	0–3,000 BPM	10.0A	13 lbs.	120-0050
TF	Bosch	11263EVS	11.1 ft. lbs.	1-3/4"	6"	H&R/H	SDS-max	145–280 RPM	1,350–2,800 BPM	13.5A	18 lbs.	120-0050
TF	Hilti	TE 60-ATC-AVR	5.2 ft. lbs.	1-3/4"	4"	H&R/H	SDS-max	0–350 RPM	0–2,785 BPM	13.0A	16.9 lbs.	120-0050
TF	Hilti	TE 70-ATC-AVR ²	8.1 ft. lbs.	2"	6"	H&R/H	TE-Y	0–250 RPM	0–2,760 BPM	13.3A	20 lbs.	120-0060
TF	Bosch	11245EVS	13.3 ft. lbs.	2"	6"	H&R/H	SDS-max	120–250 RPM	1,100–2,500 BPM	14.0A	25 lbs.	120-0060

¹Battery-powered cordless models ²Dust removal systems are available for these models.

Operating Modes: H&R = Hammer & Rotation—used for rotary hammer drilling in concrete and masonry materials.

H = Hammer only—used for chiseling applications.

R = Rotation only—used for drilling in wood and steel.

Note: Hilti ATC-series models feature Active Torque Control for added operator protection—non-ATC models are also available.

ELECTRIC TOOLS

ROTARY & COMBINATION HAMMERS REFERENCE CHART

HAMMER DRILL SELECTOR CHART

Anchor hole / through hole															
● = optimal ● = possible															
3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	2"	2-1/2"
3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	2"	2-1/2"	3"	3-1/2"	4"
1-1/4"	1-1/2"	1-3/4"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	6-1/2"	7"	7-1/2"	8"
Material															
Highly Reinforced Concrete Concrete Granite Solid Brick Hollow Bricks Tiles															
Ratio Drilling / Chiseling															
Weight (lb)															
Features															
Connection End															
Tool															
TE 2															
TE 2-S															
TE 7															
TE 7-C															
TE 30															
TE 30-C-AVR															
TE 40-AVR															



COMBIHAMMER SELECTOR CHART

Anchor hole / through hole															
● = optimal ● = possible															
3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	2"	2-1/2"
3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	2"	2-1/2"	3"	3-1/2"	4"
1-1/4"	1-1/2"	1-3/4"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	6-1/2"	7"	7-1/2"	8"
Material															
Highly Reinforced Concrete Concrete Granite Solid Brick Hollow Bricks Tiles															
Ratio Drilling / Chiseling															
Weight (lb)															
Features															
Connection End															
Tool															
TE 50															
TE 60															
TE 60-ATC -AVR															
TE 70-AVR															
TE 70-ATC -AVR															
TE 80-ATC -AVR															



ELECTRIC TOOLS

ROTARY & COMBINATION HAMMERS

BREAKER SELECTOR CHART

Using the right tool for your application helps increase productivity, extend tool life and improve overall operator comfort and safety.

DUST REMOVAL SYSTEMS

help protect the operator and other building occupants from potential airborne irritants by removing dust throughout the drilling process. Dust-free drilling is also ideal in dust sensitive environments such as laboratories, computer rooms, hospitals, healthcare facilities and food processing plants. (Cat-Class 150-0640)



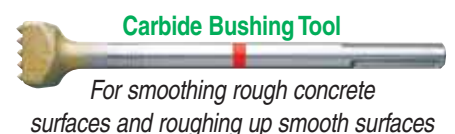
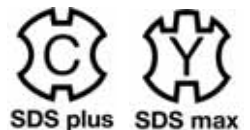
A rotary hammer equipped with a dust removal system, a self-contained module powered by the tool motor



Dust collector vacuums are available for rent (see page 74)



SDS-MAX BITS & CHISELING TOOLS (SDS-plus bits and tools also available)



HILTI



DEMOLITION HAMMERS & BREAKERS

Rotary hammer and breaker systems for drilling and demolition – tools designed to reduce dust and fatigue and increase performance, durability and drilling speed

us.hilti.com

ELECTRIC TOOLS

DEMOLITION HAMMERS

TF LIGHT DEMOLITION HAMMERS are ideal for performing light to medium demolition work on asphalt, concrete and other surfaces. Several sizes of light demolition hammers and a selection of tools including chisels,moil points and bushing tools are available. Larger models are suitable for driving ground rods. All models operate on standard 120V electric power.

- Bosch models utilize SDS-max tools
- Hilti models utilize TE-Y or TE-S hex tools



Bosch 11316EVS

Above: breaking concrete
Right: chiseling concrete



Above: **Hilti TE 800**

Chiseling a masonry wall

Right: **Hilti TE 1000 AVR**

Breaking concrete



TF HEAVY-DUTY DEMOLITION HAMMERS utilize standard 1-1/8" x 6" hex tool steel to perform heavy demolition tasks on concrete floors, pavement and masonry walls.

- Shock-absorbing handles reduce vibration to increase operator comfort and productivity
- Units operate on 115/120V AC/DC or a 2,500 watt portable generator, saving the expense of an air compressor



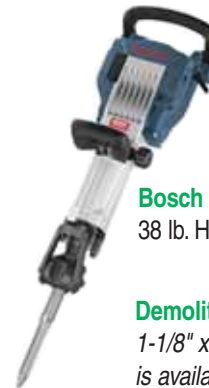
Hilti TE 3000-AVR

66 lb. Hammer

Breaking concrete

Bosch BH2770VCD

2-wheel cart
for transporting
and storing
hammer with
tool steel



Bosch 11335K

38 lb. Hammer



SDS max



Hex Shank

Demolition Tool Steel

1-1/8" x 6" hex tool steel
is available for rent,
includingmoil points,
chisels, bushing heads,
rivet busters and spades



	Make	Model	Type	Max Impact Energy/Blow	Tool Type	Impact Range	Amp Rating	Length	Weight	Cat-Class
TF	Hilti	TE 500	Light-duty	6 ft. lbs.	SDS-max	0-3,180 BPM	14	18.5"	12.6 lbs	120-0060
TF	Bosch	11318EVS	Light-duty	8.8 ft. lbs.	SDS-max	1,300-3,300 BPM	11.0	18"	13 lbs.	120-0100
TF	Hilti	TE 700-AVR	Light-duty	8.5 ft. lbs.	SDS-max	0-2,760 BPM	11.88	22"	17.4 lbs.	120-0100
TF	Hilti	TE 1000-AVR	Light-duty	16.3 ft. lbs.	TE-S	0-1,950 BPM	14.2	22.56"	26.02 lbs.	120-0100
TF	Hilti	TE 800	Light-duty	15 ft. lbs.	TE-S	0-1,890 BPM	15	23.1"	23 lbs.	120-0110
TF	Bosch	11316EVS	Light-duty	18.4 ft. lbs.	SDS-max	900-1,890 BPM	14.0	26"	23 lbs.	120-0110
TF	Bosch	11335K	Heavy-duty	34.0 ft. lbs.	1-1/8" x 6" hex	1,300 BPM	15.0	30"	38 lbs.	120-0115
TF	Bosch	BH2770VCD	Heavy-duty	43.0 ft. lbs.	1-1/8" x 6" hex	1,000 BPM	15.0	30.75"	63.2 lbs.	120-0120
TF	Hilti	TE 3000-AVR	Heavy-duty	50.4 ft. lbs.	TE-H hex	0-840 BPM	15.0	32"	66 lbs.	120-0120

ELECTRIC TOOLS

ANGLE GRINDERS, DIE GRINDERS, IMPACT WRENCHES, HEAT GUNS

ANGLE GRINDERS have the power and versatility to perform a variety of functions. With the proper accessories, all models are suitable for grinding, weld removal, wire brushing, polishing and sanding. All models feature 120V operation. Grinder accessories available include grinding discs, cup stones, wire cups and diamond cupwheels.



Bosch 1803EVS
5" Angle Grinder



Bosch 1894-6
9" Angle Grinder



Hilti AG450-7D
4.5" Angle Grinder



Hilti AG700-14D
7" Angle Grinder



Bosch 1773AK
5" Concrete Surfacing Grinder
Utilizes Diamond Cupwheels
(See pages 75-76 for larger concrete grinder-vacs.)



	Make	Model	Capacity	Max Speed	Amp Rating	Weight	Cat-Class
TF	Bosch	1347A	4-1/2"	11,000 RPM	6.0	5 lbs.	004-0001
	Bosch	1773AK	5"	11,000 RPM	10.0	6 lbs.	004-0001
TF	Bosch	1803EVS	5"	11,000 RPM	9.0	5 lbs.	004-0001
TF	Hilti	AG700-14D	7"	8,500 RPM	15.0	11.5 lbs.	004-0003
TF	Bosch	1894-6	9"	6,000 RPM	15.0	13 lbs.	004-0008
	Hilti	AG450-7D	4-1/2"	11,500 RPM	7.0	4.4 lbs.	004-0015



DIE GRINDERS feature "in-line" operation and ultra-high operating speeds for precision grinding in tight spaces using grinding wheels up to 2" diameter. 27,000 RPM, 4.6A, 120V operation. Unit weighs 3 lbs. Bosch 1215 (Cat-Class 004-0002)



Bosch 1215
2" Die Grinder

ELECTRIC IMPACT WRENCHES provide heavy-duty bolt torquing without the need for a compressed air source. They feature square drives with reversing action and 120V operation.

Note: Socket sets are also available for rent with impact wrenches.



DeWalt DW292
1/2" Drive



	Make	Model	Drive	Max Torque	Max RPM	Max BPM	Amp Rating	Weight	Cat-Class
TF	DeWalt	DW292K	1/2"	345 ft. lbs.	2,100	2,700	7.5	7 lbs.	004-0054
TF	DeWalt	DW294	3/4"	345 ft. lbs.	2,100	2,700	7.5	7 lbs.	004-0053



HEAT GUNS feature variable temperature range and blower speeds for precise control in shrinking tubing or packaging, heating liquids, loosening fittings and softening caulking and finishes. Includes an LED temperature indicator for precision control. 120°–1,100°F temperature range, 13A, 120V operation. Unit weighs 2 lbs. Bosch 1944LCDK (Cat-Class 004-0052)



Bosch 1944LCDK
Heat Gun

ELECTRIC TOOLS

ROUTERS, PLANERS, ORBITAL SANDERS, BELT SANDERS



ELECTRIC ROUTERS are ideal for many general routing and trimming applications on wood and other porous surfaces. Various styles of router bits provide a variety of cuts. Unit features a fixed-base design with electronic variable speed control. 2.25 HP, 8,000-25,000 RPM no-load speed, 1/4–1/2" collet capacity, 12.0A, 120V operation. Unit weighs 8 lbs. Bosch 1617EVS (Cat-Class 004-0040)



Bosch 1617EVS
2.25 HP Router



Bosch 3365 3-1/4" Planer



ELECTRIC PLANERS utilize razor-sharp blades for precision planing of wood surfaces to provide a uniform, smooth surface. Unit features adjustable cutting depth with a single-blade system that automatically positions the blade at the ideal cutting angle, and includes an edge guide fence to ensure consistent results. 18,000 max RPM, 3-1/4" planing width, 5/16" planing depth, 5/16" rabbeting depth, 5.0A, 120V operation. Unit weighs 5 lbs. Bosch 3365 (Cat-Class 004-0041)

ORBITAL SANDERS utilize standard sandpaper sheets or discs for fast, professional results in finish sanding applications. Orbital sanders feature a dust collector and 120V operation. The drywall sander includes a 62" handle—long enough to reach 10' ceilings without a ladder or scaffolding.



Bosch 1293D
Finishing Sheet Sander



Bosch 3107DVS
Orbital Disc Sander



Porter-Cable 7800
Drywall Sander
Includes a 62" handle and dust collector hose
Some units also include a vacuum



Make	Model	Type	Capacity	Orbits/Min	Amp Rating	Weight	Cat-Class
Bosch	1293D	Finishing Sheet	1/2 sheet	11,000	3.2	6 lbs.	004-0042
Bosch	3107DVS	Orbital Disc	5" round	4,500-13,000	3.3	5 lbs.	004-0042
Bosch	3725DEVS	Orbital Disc	5" round	4,500-12,000	3.3	5 lbs.	004-0042
Porter Cable	7800	Drywall Disc	9" round	1,400-2,000	3.4	9 lbs.	004-0046

BELT SANDERS utilize sanding belts to perform a variety of production sanding applications. They feature variable speed control, a dust collector and 120V operation.



Bosch 1276DVS
4" x 24" Belt Sander



Make	Model	Belt Size	Speed	Amp Rating	Weight	Cat-Class
Bosch	1275DVS	3" x 24"	1,150-1,550 FPM	10.5	13 lbs.	004-0043
Bosch	1276DVS	4" x 24"	1,150-1,550 FPM	12.5	14 lbs.	004-0043

ELECTRIC TOOLS

ELECTRIC SAWS

JIGSAWS are utilized for precision cutting of wood, plastics and other materials. They are especially useful cutting curves and circles. Both models feature hand-held operation, variable-speed control and 120V operation.

DOOR JAMB SAWS are designed for undercutting jams, doors, or walls utilizing a masonry or carbide blade. Blade height is adjustable from flush to 1-1/4". Doors up to 1-3/4" thick can be cut without removal. 120V operation.

TOE KICK SAWS are ideal for removing under-lament underneath toe spaces, providing cuts flush to the wall. They utilize a carbide blade and provide a 3/4" max cutting depth. 120V operation.



Bosch 1587AVSK
Jigsaw



Bosch 1584AVSK
Jigsaw



Bon Tool 24-304
Door Jamb Saw



Bon Tool 24-142-B2
Toe Kick Saw



Make	Model	Type	Blade	Stroke	Speed	Amp Rating	Weight	Cat-Class
Bosch	1584AVSK	Jigsaw	Various	1"	500-3,100 SPM	5.0	6 lbs.	004-0032
Bosch	1587AVSK	Jigsaw	Various	1"	500-3,100 SPM	5.0	6 lbs.	004-0032
Bon Tool	24-304	Door Jamb Saw	6-1/4"	N/A	5,300 RPM	11.0	14 lbs.	004-0065
Bon Tool	24-142-B2	Toe Kick Saw	3-3/8"	N/A	4,500 RPM	11.0	9 lbs.	004-0070



RECIPROCATING SAWS provide fast, efficient cutting of wood, pipe and other tough materials. They feature variable-speed control and are suitable for both curved and straight cuts. 1-1/2" stroke, 0-2,700 SPM speed, 9A, 120V operation. Unit weighs 7 lbs. Bosch RS5 (Cat-Class 004-0031) 1-1/4" stroke, 0-2,800 SPM speed, 9A, unit weighs 7 lbs. Hilti WSR 1000 (Cat-Class 004-0031)



Hilti WSR 1000
Reciprocating Saw



Bosch RS5
Reciprocating Saw

CIRCULAR SAWS are ideal for cutting lumber and other wood stock. Two standard sizes and a special metal-cutting circular saw are available. All models feature 120V operation.



Hilti WSC7.25
7-1/4" Metal Cutting Saw



Jancy MCSL09
9" Metal Cutting Saw
Uses carbide-tipped blades for cutting mild steel, aluminum and stainless steel



Make	Model	Blade	Speed	Amp Rating	Weight	Cat-Class
Jancy	MCSL09	9"	2,700 RPM	12.0	20 lbs.	004-0036
Hilti	WSC7.25	7-1/4"	5,800 RPM	15.0	11.7 lbs.	004-0036
Dewalt	DWE575	7-1/4"	5,200 RPM	15.0	8.8 lbs.	004-0036

¹Metal cutting saw: 1/2" cap. mild steel, 5/8" cap. aluminum, 5/16" cap. stainless



PORTABLE TABLE SAWS provide up to 3-1/8" cutting depth at 90° and 2-1/2" at 45° using a 10" blade. 3,650 RPM no-load speed, 15A rating, 120V operation. Unit weighs 60 lbs. Bosch 4000-09 (Cat-Class 004-0044)

- Powerful 15A, 4.4 HP 120V motor
- Precision rip fence with 25" rip capacity
- Onboard components storage for easy transporting
- Machined aluminum 29" x 21-1/2" table top

Bosch 4000-09
10" Table Saw



ELECTRIC TOOLS

ELECTRIC SAWS, INDUSTRIAL SHEARS

- TF HAND-HELD BAND SAWS** are ideal for cutting thick materials. Both models utilize standard 44-7/8" x 1/2" x .020" band saw blades and feature 120V operation.



DeWalt D28770K Band Saw



Make	Model	Square Capacity	Round Capacity	Speed	Amp Rating	Weight	Cat-Class
DeWalt	D28770K	4-3/4"	4-3/4"	80-280 FPM	15	15 lbs.	004-0030

- TF COMPOUND MITER SAWS** provide smooth crosscuts and beveled cuts of wood molding and other materials. Both models include an electric blade brake and feature 120V operation.

- Up-front bevel lock lever and range selector knob for quick and accurate bevel settings
- Arbor-mounted, laser tracking system for precision cutting
- Large aluminum bases with built-in cast sliding extensions



Bosch 4410L
10" Miter Saw



Bosch 5412L
12" Miter Saw



Make	Model	Blade	90° Crosscut Capacity	45° Miter Capacity	Speed	Amp Rating	Weight	Cat-Class
Bosch	4410L	10"	3-5/8" x 12"	2" x 12"	4,800 RPM	15	55 lbs.	004-0033
Bosch	5412L	12"	4-1/2" x 12"	4" x 8-1/2"	3,800 RPM	15	59 lbs.	004-0033

- TF STATIONARY CHOP SAWS** are ideal for high-production cutting of metal drywall studs, pipe and other metal components. All models feature a locking vise that holds material stable during cutting and 120V operation.

- Adjustable fence enables bevel cuts from 0-45°
- Bosch model utilizes abrasive blades
- Jancy model utilizes carbide-tipped metal cutting blades



Bosch 3814 Chop Saw



Jancy MCCS14 Chop Saw



Make	Model	Blade	Square Capacity	Round Capacity	Speed	Amp Rating	Weight	Cat-Class
Bosch	3814	14"	4"	5"	3,900 RPM	15	42 lbs.	004-0037
Jancy	MCCS14	14"	4-3/8"	5-1/8"	1,300 RPM	15	54 lbs.	004-0037



INDUSTRIAL ELECTRIC SHEARS are designed for precision cutting of a variety of metals, including up to 14 gauge mild steel. Unit features rugged, planetary gear drive and a low-vibration design. 2,400 SPM speed, 4.6A, 120V operation. Unit weighs 6 lbs. Bosch 1506 (Cat-Class 004-0051)



Bosch 1506
Electric Shear

EXCAVATORS

MINI-EXCAVATORS

MINI-EXCAVATORS perform digging operations down to 13' deep. They feature outstanding maneuverability, with an independent boom swing that provides offset digging around obstacles or alongside structures. Smaller models feature retractable track frames for traveling through narrow openings.

- Backfill blade for backfilling, leveling and stabilizing
- Rubber tracks reduce damage to hard surfaces
- Most models include an auxiliary hydraulic circuit to power hydraulic demolition breakers or other attachments



Bobcat 325 6,145 lb. Mini-Excavator



Bobcat E-Series 7,183 lb. Mini-Excavator



John Deere 50D 10,428 lb. Mini-Excavator



Make	Model	Max Digging Depth	Max Digging Reach	Max Digging Force	Max Dump Height	Standard Bucket	Overall Width*	HP	Weight	Cat-Class
JCB	8008	5' 6"	12' 2"	2,091 lbs.	6' 6"	12"	28"/35"	13	1,907 lbs.	035-0110
Bobcat	316	5' 1"	9' 1"	1,874 lbs.	6' 7"	12"	28"/35"	10	1,676 lbs.	035-0110
Bobcat	418	6'	10' 2"	1,865 lbs.	6'	12"	28"	10	2,593 lbs.	035-0110
John Deere	17D	7' 1"	12' 10"	3,597 lbs.	8' 4"	12"	38"/50"	15	4,173 lbs.	035-0120
JCB	8018	8' 1"	12' 8"	3,642 lbs.	8' 5"	12"	39"/53"	19	3,664 lbs.	035-0120
Bobcat	323	7' 6"	12' 10"	3,751 lbs.	8' 4"	16"	39"/54"	13	3,655 lbs.	035-0120
Bobcat	324	8' 6"	14'	3,620 lbs.	8' 8"	12"	39"	14	3,428 lbs.	035-0120
Bobcat	323 cab	7' 6"	12' 10"	3,751 lbs.	8' 4"	16"	39"/54"	13	3,655 lbs.	035-0125
Bobcat	325	8' 5"	13' 11"	4,766 lbs.	9' 1"	20"	55"	28	6,145 lbs.	035-0130
Bobcat	E26	8' 6"	15' 4"	4,991 lbs.	9' 10"	18"	60"	27	5,666 lbs.	035-0130
JCB	8025	9' 4"	15' 5"	5,395 lbs.	10' 4"	18"	61"	27	5,919 lbs.	035-0130
John Deere	27D	8' 7"	15' 4"	4,994 lbs.	10' 6"	18"	61"	26	6,393 lbs.	035-0130
Bobcat	325 cab	8' 5"	13' 11"	4,766 lbs.	9' 1"	20"	55"	28	6,145 lbs.	035-0135
John Deere	35D	10' 1"	17' 2"	6,182 lbs.	11' 5"	24"	69"	27	7,672 lbs.	035-0140
Bobcat	E32	10' 2"	16' 4"	6,968 lbs.	11'	24"	60"	33	7,183 lbs.	035-0140
Bobcat	331	10' 2"	16'	6,866 lbs.	10' 2"	20"	61"	42	7,185 lbs.	035-0140
Bobcat	331 cab	10' 2"	16'	6,866 lbs.	10' 2"	20"	61"	42	7,185 lbs.	035-0145
Bobcat	E42	10' 6"	17' 4"	9,105 lbs.	12' 2"	24"	69"	42	9,246 lbs.	035-0147
Bobcat	335	11' 10"	18'	7,892 lbs.	11' 7"	24"	70"	40	9,170 lbs.	035-0147
Bobcat	335 cab	11' 10"	18'	7,892 lbs.	11' 7"	24"	70"	40	9,170 lbs.	035-0148
Bobcat	E45	10' 10"	18' 7"	8,048 lbs.	11' 11"	24"	72"	42	10,077 lbs.	035-0150
Bobcat	E50	11' 7"	19' 6"	9,442 lbs.	12' 8"	24"	77"	49	10,677 lbs.	035-0150
John Deere	50D	11' 10"	19' 8"	8,273 lbs.	13' 5"	24"	79"	40	10,428 lbs.	035-0150
JCB	48Z	11' 7"	19'	8,340 lbs.	12' 7"	24"	78"	45	9,480 lbs.	035-0147
John Deere	60D	12' 4"	20' 5"	9,217 lbs.	13' 8"	24"	79"	54	13,653 lbs.	035-0157
Bobcat	442	13' 11"	23' 10"	11,970 lbs.	13' 8"	24"	92"	73	16,538 lbs.	035-0160
John Deere	75D	13' 6"	20' 6"	12,368 lbs.	16' 10"	24"	97"	54	17,734 lbs.	035-0180
JCB	85Z	13' 10"	22' 5"	11,240 lbs.	15' 5"	24"	91"	58	18,188 lbs.	035-0180
Bobcat	E80	15' 6"	24' 6"	12,280 lbs.	16' 8"	24"	91"	57	18,689 lbs.	035-0180

*Dual widths shown reflect track frames retracted/extended.

EXCAVATORS

HYDRAULIC EXCAVATORS

HYDRAULIC EXCAVATORS provide extra power for performing tough digging applications at depths down to 23'. They also provide increased lift capacity for lifting and placing pipe sections and other heavy objects, plus extended reach capabilities for loading trucks. Sunbelt Rentals offers several sizes of hydraulic excavators to meet a wide range of applications.

- Wide selection of general-purpose buckets available
- Most models include an auxiliary hydraulic circuit to power hydraulic demolition breakers or other attachments



JCB JS145LC 8,046 lbs. Hydraulic Excavator



JCB JS131 31,499 lbs. Hydraulic Excavator



JCB JS220LC 17,064 lbs. Hydraulic Excavator



John Deere 160GLC Hydraulic Excavator w/Hydraulic Breaker



(see pages 160–161
for hydraulic
breakers available)

Make	Model	Max Digging Depth	Max Digging Reach	Max Dump Height	Lift Capacity*	Standard Bucket	Overall Width	HP	Weight	Cat-Class
John Deere	120C	19' 6"	27' 10"	21' 8"	5,750 lbs.	24" 1/2 cu. yd.	8' 6"	89	28,840 lbs.	054-0110
John Deere	135CRTS	19' 9"	28' 4"	23' 5"	5,747 lbs.	24" 1/2 cu. yd.	8' 10"	88	30,440 lbs.	054-0110
Kobelco	135SRLC	19' 7"	28' 5"	21' 1"	5,700 lbs.	24" 1/2 cu. yd.	8' 6"	94	30,870 lbs.	054-0110
John Deere	135D RTS	19' 9"	28' 7"	23' 7"	7,200 lbs.	24" 1/2 cu. yd.	8' 6"	93	30,737 lbs.	054-0110
JCB	JS131	19' 9"	28' 10"	23' 1"	7,200 lbs.	36" 7/8 cu. yd.	8' 7"	74	31,499 lbs.	054-0110
JCB	JS145LC	19' 10"	28' 10"	22' 1"	8,046 lbs.	36" 3/4 cu. yd.	8' 6"	99	33,510 lbs.	054-0110
John Deere	120D	19' 11"	27' 4"	20' 3"	5,766 lbs.	24" 1/2 cu. yd.	8' 6"	93	28,498 lbs.	054-0110
John Deere	160CLC	20' 10"	29' 8"	21' 5"	7,840 lbs.	36" 3/4 cu. yd.	8' 6"	109	35,620 lbs.	054-0210
John Deere	160G	21' 4"	30' 1"	21'	8,400 lbs.	36" 7/8 cu. yd.	8' 10"	121	39,685 lbs.	054-0210
Kobelco	SK160LC	21' 7"	30' 7"	22' 10"	8,100 lbs.	36" 3/4 cu. yd.	8' 6"	109	36,800 lbs.	054-0210
JCB	JS220LC	21' 8"	32' 5"	22' 6"	17,064 lbs.	39" 1 cu. yd.	9' 10"	172	49,450 lbs.	054-0410
John Deere	200CLC	21' 11"	32'	22' 3"	8,945 lbs.	36" 1-1/8 cu. yd.	10' 6"	141	46,130 lbs.	054-0410
John Deere	210GLC	21' 11"	32'	23' 7"	12,200 lbs.	42" 1-1/8 cu. yd.	10' 6"	159	50,463 lbs.	054-0410
John Deere	225DLC	22'	32' 3"	26' 5"	14,018 lbs.	42" 1-1/4 cu. yd.	10' 6"	159	53,936 lbs.	054-0410
Kobelco	SK210LC	22'	32'	22' 3"	9,090 lbs.	36" 1-1/8 cu. yd.	10' 6"	143	47,000 lbs.	054-0410
Kobelco	SK250LC	23' 1"	33' 10"	22' 6"	18,510 lbs.	36" 1-1/8 cu. yd.	11' 1"	176	55,400 lbs.	054-0500
John Deere	250GLC	25'	33' 9"	23' 7"	17,798 lbs.	48" 1-5/8 cu. yd.	10' 10"	188	55,736 lbs.	054-0500
John Deere	350GLC	26' 10"	38' 3"	25'	25,647 lbs.	54" 2-3/8 cu. yd.	11' 2"	271	76,577 lbs.	054-0700

*Lift capacities shown are at ground level, 15' radius, with 360° rotation.

TRACKED EXCAVATOR | JS131 LC

As the only 13-ton excavator on the market that doesn't require a DPF, SCR or DEF after-treatment, the JS131 is, primarily, a machine designed to maximize uptime and profit. Being a JCB, this excavator certainly isn't without refinement or innovative features either, boasting great visibility, productivity, efficiency, comfort and safety.



jcb.com



FANS/BLOWERS/VENTILATORS

HIGH-VOLUME FANS, HIGH-VELOCITY FANS

HIGH-VOLUME FANS are designed for maximum airflow and are available in pedestal and dolly mounted models. All units operate on standard 115V power.

Suggested Applications:

- Large area cooling: Loading docks, gymnasiums, warehouses—where a high volume of air is required for ventilation and cooling
- Spot cooling: Assembly lines, laundries, machine shops—where workers need a steady flow of air for cooling and ventilation



Triangle SPL 4213
42" Dolly



Triangle CF2421
24" Dolly

Triangle AMB 3021
30" Pedestal



	Make	Model	Mounting	Fan Size	Max CFM Hi/Lo	HP	Amp Rating	Weight	Cat-Class
TF	Triangle	CF2421	2-wheel dolly	24"	3,800/3,200	1/4	3.5	48 lbs.	036-0130
TF	Triangle	AMB 3021	Pedestal	30"	8,400/6,600	1/4	2.6	83 lbs.	036-0110
TF	Dayton	SF-10	2-wheel dolly	42"	10,900	1/2	6.4	65 lbs.	036-0130
TF	Triangle	SPL 4213	2-wheel dolly	42"	14,445	1/2	7.5	128 lbs.	036-0130

HIGH-VELOCITY FANS feature high-pressure blade designs coupled with a deep shroud that moves air great distances at high velocity. Cart, pedestal and yoke-mounted models are available.

Suggested Applications:

- Clearing buildings of smoke, pollution and humidity
- Paint drying and dust control
- Outdoor cooling and mosquito control
- Personnel cooling—general circulation in wide open shop areas or close-in cooling of work stations
- Emergency cooling—jet blast for cooling overheated equipment
- Process cooling—ventilation, drying and cooling in plant and manufacturing applications



Coenco Ram I
30" Cart
Shown with optional
vinyl air sock

Patterson PS-30
30" Pedestal

Patterson HV-22
22" Yoke-mounted



	Make	Model	Mounting	Fan Size	Max Airflow	Max Velocity	HP	Voltage	Weight	Cat-Class
	Tennant	Blower	Floor	Small	3 speeds	1550 RPM	.6	120v	24 lbs.	036-0140
	Coenco	Ram II-18	2-wheel cart	18"W x 16"D	7,500 CFM	560 FPM @ 90' radius	3/4	115V, 7.5A	50 lbs.	036-0140
	Patterson	HV-22	Yoke	22"W x 16"D	5,570 CFM	300 FPM @ 80' radius	1/2	115V, 5.1A	56 lbs.	036-0140
	Patterson	PS-22	Pedestal	22"W x 16"D	5,570 CFM	300 FPM @ 80' radius	1/2	115V, 5.1A	104 lbs.	036-0140
	Patterson	PS-30	Pedestal	30"W x 22"D	12,000 CFM	400 FPM @ 80' radius	1	115V, 13.6A	118 lbs.	036-0140
	Coenco	Ram I	2-wheel cart	30"W x 36"D	13,000 CFM	560 FPM @ 90' radius	3/4	115V, 8.5A	90 lbs.	036-0140

FANS/BLOWERS/VENTILATORS

EVAPORATIVE COOLING FANS, CONFINED SPACE VENTILATORS

EVAPORATIVE COOLING FANS

provide a cost effective alternative to air conditioning in a variety of cooling applications including manufacturing plants, industrial plants, warehouses, loading docks and commercial greenhouses.

- Heavy duty casters
- Power Breezer models features a water tank that will last up to 5 days
- PortaCool model features a water control valve, low water shutoff



PortaCool 36" Evaporative Cooler



Power Breezer Mobile Cooling Unit

Make	Model	Fan Size	Max Airflow	Cooling Area	Voltage	Amp Rating	Dimensions	Weight	Cat-Class
Power Breezer	PB10-A-06-B	N/A	14,000 CFM	3,000 sq. ft.	110V	7	70"H x 29.5"W x 42"D	250 lbs.	036-0240
PortaCool	PAC2K361S	36"	9,600 CFM	2,500 sq. ft.	115V	10.8	67"H x 62"W x 32"D	195 lbs.	036-0410
PortaCool	PACHR36HPVS	36"	10,100 CFM	2,650 sq. ft.	115V	11	86"H x 74"W x 36"D	200 lbs.	036-0410
PortaCool	PAC2K482S	48"	20,000 CFM	4,000 sq. ft.	115V	12	86"H x 74"W x 36"D	345 lbs.	036-0450

CONFINED SPACE VENTILATORS are utilized to ventilate manholes and other confined spaces, providing fresh air and removing fumes to increase worker safety and comfort. Several types of manhole blowers are available to accommodate a variety of applications and airflow requirements. All electric blowers operate on standard 115V current. All models utilize flexible duct to direct airflow. Some models also accommodate duct at the air intake for exhaust applications.

Note: 8" and 12" flexible duct are available for rent: 8" duct (Cat-Class 150-0670); 12" duct (Cat-Class 150-067)

- Radial-type ventilators feature a rugged design for general ventilation supply applications
- Vaneaxial ventilators feature a streamlined design and powerful airflow for both supply and exhaust applications



General EP8
Electric Radial Ventilator



General GP8H
Gas Radial Ventilator



Coppus VANO 175-CV1 and 250-CV1
Electric Vaneaxial Ventilators
Explosion-proof models also available



Make	Model	Type	Housing	Max Airflow	Intake Duct	Exhaust Duct	HP	Weight	Cat-Class
General	EP8	Electric Radial	Cast Aluminum	1,277 CFM	8"	N/A	1/3	53 lbs.	036-0210
Allegro	9504	Electric Radial	Steel/Polyethylene	1,066 CFM	8"	N/A	1/3	38 lbs.	036-0210
Allegro	9505-50	Gas Radial	Steel/Polyethylene	1,600 CFM	8"	N/A	4	58 lbs.	036-0220
General	GP8H	Gas Radial	Cast Aluminum	1,561 CFM	8"	N/A	4	56 lbs.	036-0220
Coppus	VANO 175CV	Electric Vaneaxial	Aluminum/Steel	1,500 CFM	8"	8"	3/4	73 lbs.	036-0320
Coppus	VANO 250CV	Electric Vaneaxial	Aluminum/Steel	3,000 CFM	12"	12"	1	93 lbs.	036-0340

FANS/BLOWERS/VENTILATORS

HAZARDOUS LOCATION VENTILATORS, TANK FANS, VENTURI AIR HORNS

HAZARDOUS LOCATION CONFINED SPACE VENTILATORS are utilized to ventilate manholes and other confined spaces in hazardous atmospheres, providing fresh air and removing fumes. They feature explosion-proof electric motors and spark-proof housings. All models operate on 115V current and utilize flexible duct to direct airflow.

- Coppus VEP1 features a vaneaxial blower with a polymer housing and accommodates intake duct
- Coppus VANO models feature vaneaxial blowers with aluminum/steel housings and accommodate intake duct

Note: 8" and 12" flexible duct are available for rent:

8" duct (Cat-Class 150-0670); 12" duct (Cat-Class 150-067)



Coppus VEP1



Coppus VANO 175CV1-EP



	Make	Model	Max CFM	Hazardous Location Classifications*	Intake Duct	Exhaust Duct	HP	Weight	Cat-Class
TF	Allegro	9503	1,570	Class I, Div. 1 & 2, Group	8"	8"	3/4	76 lbs.	036-0210
TF	General	EP8HL	1,277	Class I Group D, Class II Group G, Class III	8"	N/A	1/3	53 lbs.	036-0210
	Coppus	VEP1	867	Class I, Div. 1, Group D; Class II, Div. 1, Groups E,F,G	8"	8"	1/2	40 lbs.	036-0310
	Coppus	VANO 175CV-EP	1,500	Class I, Div. 1, Group D; Class II, Div. 1, Groups E,F,G	8"	8"	3/4	73 lbs.	036-0330
	Coppus	VANO 250CV-EP	3,000	Class I, Div. 1, Group D; Class II, Div. 1, Groups E,F,G	12"	12"	1	93 lbs.	036-0350

*See page 189 for detailed explanations of hazardous location classifications.

TANK FANS are designed to mate with API tank openings to provide safe, efficient ventilation of large tanks and process vessels. Air-driven Jet fans that operate on compressed air and a combination Turbo fan that operates on either steam or compressed air are available. Both types are ideal for use in hazardous locations and areas without electric power. They feature spark-resistant aluminum fan blades and housings and operate on a range of inlet pressures, producing static pressures up to 10" WC.



Texas Pneumatic TX-JF20
Compressed Air



Texas Pneumatic TX-TF20
Steam/Compressed Air



	Make	Model	API Size	Power Source	Inlet Pressure Range	Max Airflow Range	Weight	Cat-Class
	Texas Pneumatic	TX-JF20	20"	Compressed Air	40–100 PSI	5,920–10,420 CFM	95 lbs.	036-0560
	Texas Pneumatic	TX-TF20	20"	Steam/Compressed Air	40–150 PSI	1,500–11,400 CFM	122 lbs.	036-0570
	Texas Pneumatic	TX-JF24	24"	Compressed Air	40–100 PSI	5,920–10,420 CFM	95 lbs.	036-0565

VENTURI AIR HORNS are utilized to disperse fumes, move air in confined spaces and cool workers, machinery or products. Applications include refineries and chemical, utilities and co-generation, tanks and vessels, pulp and paper plants, shipyards and manholes. Each model includes a connection for a ground wire at the base to discharge any static electricity present.

- Horns are powered by compressed air, making them ideal for use in hazardous locations
- Can be used as a blower or exhauster
- Units are ductible for added versatility

Texas Pneumatic TX6AM
6" Venturi Air Horn



	Make	Model	Rating	Inlet Pressure Range	Air Consumption	Max Airflow Range	Air Inlet	Overall Length	Weight	Cat-Class
	Texas Pneumatic	TX3AM	3"	40–80 PSI	35–62 CFM	1,017–1,462 CFM	1/2"	31"	9 lbs.	036-0520
	Texas Pneumatic	TX6AM	6"	40–80 PSI	73–124 CFM	2,385–3,347 CFM	1"	44"	22 lbs.	036-0530
	Texas Pneumatic	TX10AM	10"	40–80 PSI	154–274 CFM	4,898–7,304 CFM	1"	48"	42 lbs.	036-0550

FLOOR & CARPET CARE EQUIPMENT

ELECTRIC FLOOR SANDERS, HARDWOOD FLOOR NAILERS

Complete selection
of sandpaper available



DRUM FLOOR SANDERS achieve professional results sanding wood floors. They utilize an 8" width sanding drum with sanding sheets or belts and include a built-in dust pickup.

FLOOR EDGERS are utilized in conjunction with a drum floor sander for sanding edges, corners and other tight spaces on wood floors. They utilize a 7" sanding disc and include a built-in dust pickup. 115V operation.

ORBITAL FLOOR SANDERS are ideal for screening wood floors after sanding. They provide orbital action for fast production using sanding or polishing pads and include a built-in dust pickup. 115V operation.



Hiretech HT8 Drum Sander



Hiretech HT7 Floor Edger



Essex SL-8 Drum Sander



Essex SL-7 Floor Edger



Essex SL-1218R
Orbital Sander



	Make	Model	Type	Sandpaper	Speed(s)	HP	Amp Rating	Weight	Cat-Class
TF	Essex	SL-8	Drum Floor Sander	8" x 20-3/16" sheet	1,800 RPM	1	14	115 lbs.	068-0300
TF	Hiretech	HT8	Drum Floor Sander	8" x 19-1/2" sheet	2,500/2,650/2,800/3,300 RPM	4.5	15	92 lbs.	068-0300
TF	Hiretech	HT8-EX	Drum Floor Sander	8" x 19" belt	2,500/2,650/2,800/3,300 RPM	4.5	18	92 lbs.	068-0300
TF	Clarke	EZ-8	Drum Floor Sander	8" x 19" belt	1,800 RPM	1.5	15	125 lbs.	068-0300
TF	Essex	SL-7	Floor Edger	7" round disc	3,600 RPM	1.5	14	30 lbs.	068-0310
TF	Hiretech	HT7	Floor Edger	7" round disc	3,300 RPM	2	15	36 lbs.	068-0310
TF	Clarke	Super 7R	Floor Edger	6-7/8" disc	2,800 RPM	1	15	46 lbs.	068-0310
	Essex	SL-1218R	Orbital Floor Sander	12" x 18" pad	1,725/3,450 RPM	1	14	125 lbs.	068-0320
	Hiretech	HTF	Orbital Floor Sander	15-3/4" x 4-1/2" pad	3,300 RPM	2	15	95 lbs.	068-0320
	Square Scrub	EGB20R	Orbital Floor Sander	14" x 20" pad	3,450 RPM	1.5	8	155 lbs.	068-0320
	Square Scrub	EBG28	Orbital Floor Sander	14" x 28" pad	3,450 RPM	1.5	10	220 lbs.	068-0320
	Clarke	OBS 19DC	Orbital Floor Sander	12" x 18" pad	3,600 RPM	3.5	15	145 lbs.	068-0320
	Clarke	EZ Sand	Orbital Floor Sander	6-7/8" hook & loop	900 RPM	3.5	15	105 lbs.	068-0320

HARDWOOD FLOOR NAILERS are designed for the professional installation of tongue and groove hardwood floors.

Both surface and tongue & groove nailers are available. Surface nailers are utilized when starting next to a wall, the first course, or the last three courses at a wall. Tongue & groove nailers are utilized for the main floor, achieving a perfect 45° angle and counter-sinking the nail. All models are activated by striking with a rubber mallet (included). A flooring jack is also offered for hands-free nailing.

Note: Air-powered floor nailers are also available.



Figure	Make	Model	Type	Power Source	Fastener Types	Capacity	Weight	Cat-Class
A	Power nail	101 SN	Manual Surface Nailer	Manual	1-1/2"-2" 16 ga. Powercleat nails	100	6 lbs.	068-0340
B	Power nail	101R SN	Ratcheting Surface Nailer	Manual	1-1/2"-2" 16 ga. Powercleat nails	100	6 lbs.	068-0340
C	Power nail	250 T&G	Manual Tongue & Groove Nailer	Manual	1"-1-1/2" 20 ga. E-Powercleat nails	100	7 lbs.	068-0340
D	Power nail	45 T&G	Manual Tongue & Groove Nailer	Manual	1-1/2"-2" 16 ga. Powercleat nails	100	10 lbs.	068-0340
E	Power nail	45R T&G	Ratcheting Tongue & Groove Nailer	Manual	1-1/2"-2" 16 ga. Powercleat nails	100	10 lbs.	068-0340

FLOOR & CARPET CARE EQUIPMENT

AIR SCALERS, FLOOR & CARPET TOOLS

AIR SCALERS are hand-held floor strippers that apply rapid, hammering action to a chisel, scraper, or other selected tool. Applications include removing floor tiles, carpeting, roofing materials, paint buildup and concrete residue. Air scalers are powered by an external compressed air source. (see page 22 for air compressors)

- Long handle designs allow the operator to stand comfortably during operation
- Chisels and scrapers available



EDCO ALR-E Air Scaler



	Make	Model	Handle Type	BPM	Air Requirement	Weight	Cat-Class
TF	EDCO	ALR-2	29" Straight	3,500	8 CFM @ 90 PSI	9 lbs.	002-0055
TF	EDCO	ALR-E	71" Ergonomic	3,500	8 CFM @ 90 PSI	19 lbs.	002-0055
TF	EDCO	ALR-BS	57" Ergonomic	3,500	15 CFM @ 90 PSI	25 lbs.	002-0055



FLOOR TILE ROLLERS

feature all-steel construction and a 100 lb. rating for flattening various types of floors during installation. Suitable for linoleum, vinyl tile and sheeting, rubber tile, cork tile and wood block tile. Unit weighs 100 lbs. Bon Tool 14-556 (Cat-Class 150-0705)



Bon Tool 14-556
100 lb. Floor Tile Roller



KNEE KICKERS are utilized to stretch small sections of carpet during installation and repair. Features five length settings from 17-1/2" to 21-1/2" and adjustable pin depth. Unit weighs 3 lbs. Bon Tool 24-612 (Cat-Class 068-0520)



Bon Tool 24-612
Knee Kicker

Bon Tool 24-202
Carpet Stretcher

CARPET STRETCHERS are easily adjustable from 35" to 22' to accommodate a variety of installation applications. Kit weighs 66 lbs. Bon Tool 24-202 (Cat-Class 068-0530)

CERAMIC TILE CUTTERS

score large tile up to 16" wide and 1-1/2" thick using a carbide cutting wheel. Working table measures 10" to the right and 4" to the left of the breaker bar. Unit weighs 16 lbs. Bon Tool 14-327 (Cat-Class 068-0500)



Bon Tool 14-327
Ceramic Tile Cutter

VINYL TILE CUTTERS cut asphalt and vinyl tiles up to 12" square and 9" x 9" diagonally. Includes a guide for repeat cuts. Unit weighs 22 lbs. Bon Tool 14-558 (Cat-Class 068-0500)



Bon Tool 14-558
Vinyl Tile Cutter

CARPET SEAM IRONS provide professional carpet seams utilizing carpet seaming tape. Features a 250° to 350° adjustable heat range, heat shield and a storage tray. Unit weighs 4 lbs. 800 watts, 110V operation. Bon 24-215 (Cat-Class 068-0540)



Bon Tool 24-215
Carpet Seam Iron

CARPET STAIR TOOLS are constructed of alloy steel to withstand hammering and include a tapered blade. Stair tool is 3.5" wide. (Cat-Class 150-0708)

CARPET SHEARS feature 12" nickel-plated blades for fast, efficient cutting. Shears weigh 2 lbs. (Cat-Class 150-0707)



FLOOR & CARPET CARE EQUIPMENT

FLOOR STRIPPERS

ELECTRIC FLOOR STRIPPERS remove almost any covering from concrete or wood floors, including vinyl tile, adhesives and rubber-backed carpet, leaving a smooth surface ready for refinishing. They utilize a single, razor-sharp blade oscillating at high speed. Both push-type and self-propelled models are available, each featuring 120V operation.



EDCO Tile Shark

Push-type Floor Stripper



General FSC16

Push-type Floor Stripper



National BS-50

Push-type Floor Stripper



National BS-110

Self-propelled Floor Stripper



	Make	Model	Type	HP	Blade Width	Amp Rating	Weight	Cat-Class
TF	BlastPro	BS-50	Push-type	1	12"	14.0	106 lbs.	068-0100
TF	EDCO	Tile Shark	Push-type	3/4	8"	15.0	149 lbs.	068-0100
TF	General	FSC16	Push-type	3/4	10"	10.3	130 lbs.	068-0100
TF	National	550	Push-type	1	12"	14.0	119 lbs.	068-0100
TF	Palmer	PG/101-2	Push-type	3/4	8"	10.8	135 lbs.	068-0100
	BlastPro	BS-110	Self-propelled	1-1/2	12"	13.0	360 lbs.	068-0105
	National	6280	Self-propelled	1-1/2	14"	13.0	390 lbs.	068-0105
	BlastPro	BS-180	Self-propelled	1-1/2	14"	14.5	515 lbs.	068-0108
	National	6280HD	Self-propelled	1-1/2	14"	14.4	540 lbs.	068-0108

RIDE-ON FLOOR STRIPPERS provide high-production removal of floor coverings including glue-down carpet, adhesives, tile and sport surfaces. Battery and propane models are available, as well as scraper tools. All models feature precision controls for safe operation and easy maneuvering.

- Battery models utilizes 6" to 24" scraper blades and feature compact designs and a 25" width for operation in confined areas. Models include an onboard 110V battery charger
- Propane model utilizes 6" to 24" scraper blades or 2" to 8" width chipping teeth. Narrow 30" width allows access through standard doorways



National BMS-270LP II

Propane Floor Stripper



National BMS-220BX2

Battery Floor Stripper



	Make	Model	Type	Travel Speed	Power Source	Weight	Cat-Class
	National	BMS-220ADB ¹	Battery	0-120 FPM	12V Battery	2,100 lbs.	068-0125
	National	BMS-220BX2	Battery	0-120 FPM	12V Battery	1,150 lbs.	068-0125
	National	5700 ADB ¹	Battery	0-120 FPM	48V Battery	2,062 lbs.	068-0125
	BlastPro	BRB-3100EV	Battery	0-250 FPM	12V Battery	3,100 lbs.	068-0125
	National	BMS-270LP II	Propane	0-250 FPM	Kohler 25 HP	2,590 lbs.	068-0120
	National	5600	Propane	0-200 FPM	Kawasaki 20 HP	1,897 lbs.	068-0120
	National	7600	Propane	0-200 FPM	Kawasaki 20 HP	2,638 lbs.	068-0120
	BlastPro	BRB-2800	Propane	0-485 FPM	Kohler 27 HP	2,800 lbs.	068-0120

¹ "All-day battery" model with a minimum 8-hour full-charge run time.

FLOOR & CARPET CARE EQUIPMENT

FLOOR BUFFERS

ELECTRIC FLOOR BUFFERS are ideal for scrubbing, stripping and polishing applications on interior floors using the appropriate pads. All models feature 115V operation and include large rear wheels for easy transport. A selection of floor pads is available for sale.

- Low-speed (175 RPM) scrubbers feature planetary gear-drive and are designed for scrubbing and stripping floors
- High-speed burnishers are designed for polishing finished floors

Floor Pad Application Guide

Black Pads—Aggressive, wet stripping
Green Pads—Heavy-duty scrubbing
Blue Pads—General scrubbing & cleaning
Red Pads—Spray buffing, light cleaning
White Pads—High gloss polishing/buffing
Tan Pads—Highest gloss polishing/buffing



Tennant FM-17-SS
17" 175 RPM Scrubber



Windsor SP13 & SP17X
13" & 17" 175 RPM Scrubbers



Windsor LB1500
20" 1,500 RPM Burnisher



Floor Pads



	Make	Model	Pad Size	Pad Speed	Type	HP	Weight	Cat-Class
TF	Windsor	SP13	13"	175 RPM	Scrubber	1	101 lbs.	068-0010
TF	Clarke	CFP130	13"	175 RPM	Polisher	1	98 lbs.	068-0010
TF	Namco	2125	17"	175 RPM	Scrubber	1-1/2	80 lbs.	068-0020
TF	Tennant	FM-17-SS	17"	175 RPM	Scrubber	1-1/2	100 lbs.	068-0020
TF	Windsor	SP17X	17"	175 RPM	Scrubber	1-1/2	112 lbs.	068-0020
TF	Clarke	FM1700	17"	175 RPM	Polisher	1	110 lbs.	068-0020
TF	Clarke	CFP1700	17"	175 RPM	Polisher	1-1/2	108 lbs.	068-0020
	Clarke	CFP2000	20"	175 RPM	Polisher	1-1/2	112 lbs.	068-0030
	Tennant	FM-20-SS	20"	175 RPM	Scrubber	1-1/2	110 lbs.	068-0030
	Tennant	BR-1600-NDC	20"	1,600 RPM	Burnisher	1-1/2	100 lbs.	068-0030
TF	Namco	9885	20"	1,740 RPM	Burnisher	1-1/2	95 lbs.	068-0040
	Tennant	BR-2000-DC	20"	2,000 RPM	Burnisher	1-1/2	93 lbs.	068-0030
TF	Windsor	LB1500	20"	1,500 RPM	Burnisher	1-3/4	92 lbs.	068-0040
TF	Clarke	US1500	20"	1,500 RPM	Burnisher	1-1/2	70 lbs.	068-0040

PROPANE FLOOR BUFFERS provide extra power and speed for performing large commercial stripping and polishing applications. They feature clean burning propane engines. UHS (Ultra-High Speed) burnishers and 325 RPM strippers are available.

- Pioneer Eclipse UHS burnisher features a Rok-Bak™ deck for easy access pad installation, powered by a 17 HP Kawasaki propane engine with 110V AC starting
- Pioneer Eclipse BA-series units are 325 RPM strippers with low-profile decks for edge-to-edge operation, powered by a 17 HP Kawasaki propane engines with 12V battery starting



Pioneer Eclipse MM28K7NS 28" Propane Burnisher



Pioneer Eclipse BA30KWC 30" Propane Stripper



	Make	Model	Pad Size	Pad Speed	Type	HP	Weight	Cat-Class
	Clarke	PBU21KB	21"	2,000 RPM	Burnisher	603cc	212 lbs.	068-0050
	Pioneer Eclipse	MM28K7NS	28"	UHS	Burnisher	17	225 lbs.	068-0060
	Pioneer Eclipse	BA30KWC	30"	325 RPM	Stripper	17	280 lbs.	068-0065

FLOOR & CARPET CARE EQUIPMENT

CARPET EXTRACTORS



Light or Heavy Duty
All-purpose Cleaners
Available for Purchase.

For more information about our comprehensive
floor care offering, call Sunbelt Rentals
Flooring Solutions at 844-723-4778



CARPET EXTRACTORS provide quick, efficient cleaning of carpeted areas, upholstery and fabric covered surfaces. They utilize solution sprayers, scrub brushes and powerful wet vacuums to achieve fast, professional results. 115V operation.



Tennant-EX-SC-1020 Carpet Extractor



Tennant E5 Carpet Extractor



Windsor PRS3 Mini-Extractor



Make	Model	Type	Cleaning Width	Solution Tank	Recovery Tank	Weight	Cat-Class
Clarke	Bextspot	Mini-Extractor	4"	2 gal.	2 gal.	24 lbs.	068-0200
Tennant	EX-SPOT-2	Walk-Behind Extractor	4"	2 gal.	2 gal.	63 lbs.	068-0200
Windsor	CDT7	Walk-Behind Extractor	15"	7 gal.	7 gal.	87 lbs.	068-0220
Tennant	EX-SC-1020	Walk-Behind Extractor	20"	10 gal.	14.5 gal.	120 lbs.	068-0220
Windsor	PRS3 ¹	Mini-Extractor	4"	2 gal.	20 gal.	16 lbs.	068-0200
Windsor	EXP	Walk-Behind Extractor	10"	4 gal.	4 gal.	58 lbs.	068-0210
Windsor	Mini Pro	Walk-Behind Extractor	10"	4 gal.	4.5 gal.	79 lbs.	068-0210
Clarke	Clean Track 12	Walk-Behind Extractor	12"	5 gal.	4 gal.	83 lbs.	068-0210
Namco	4108	Pressurized Floor Wand	12"	N/A	12 gal.	52 lbs.	068-0210
Tennant	E5	Walk-Behind Extractor	15"	5 gal.	5 gal.	138 lbs.	068-0210
Tennant	SX-SC-1020	Deep Clean Extractor	20"	10 gal.	14.5 gal.	106 lbs.	068-0240
Tennant	EH2	Heated Water Canister Extractor	Tool Dependent	15 gal.	13.5 gal.	103 lbs.	068-0250

¹ Utilizes a hand-held tool for cleaning upholstery and stairs.

* Windsor walk-behind models include a solution pump, motorized brush and large solution and recovery tanks.

* Namco model features a pressurized floor wand and is connected to a household water supply using a garden hose

COMMERCIAL HOT WATER EXTRACTORS utilize pressurized, 212°F hot water to achieve professional, deep-down carpet cleaning. They feature instant heat and a low moisture system that provides faster drying, less shrinkage and less wicking of the pad. A 15' high-pressure recovery hose and a 12" stainless steel wand are included.



Make	Model	Type	Wand Width	Operating Temperature	Water Pressure	Heater	Max Water Lift	Solution Tank	Recovery Tank	Weight	Cat-Class
Clarke	BEXT-100H	Homeowner	12"	212° (±1°)	100 PSI	2,000 watts	140"	9 gal.	9 gal.	75 lbs.	068-0230
Clarke	BEXT-300HV	Professional	12"	212° (±1°)	300/75 PSI	2,000 watts	140"	13 gal.	13 gal.	119 lbs.	068-0240
Clarke	BEXT-400H	Professional	12"	212° (±1°)	0/400 PSI	1,750 watts	137"	13 gal.	13 gal.	105 lbs.	068-0240

FLOOD PUMPER VACUUMS are ideal for water recovery and restoration applications on carpets and floors. They feature a built-in discharge pump that allows continuous operation without dumping the tank. Water is discharged away through an optional discharge hose. Clarke/Wap ATTIX 19AE (Cat-Class 080-0130) (see page 279 for specifications)





CREATING A CLEANER, SAFER, HEALTHIER WORLD.



Cleaning Equipment for every place and space

- Deep clean stains and odors in carpeting with heavy-duty, deep cleaning carpet extractors
- Get maximum flexibility to clean in large or small spaces
- Scrub, polish, and strip almost any floor, including uneven surfaces

FLOOR & CARPET CARE EQUIPMENT

WALK-BEHIND FLOOR SCRUBBERS, WALK-BEHIND SWEEPERS



Light or Heavy Duty
All-purpose Cleaners
Available for Purchase.

For more information about our comprehensive
floor care offering, call Sunbelt Rentals
Flooring Solutions at 844-723-4778



WALK-BEHIND SCRUBBERS feature one-pass floor cleaning in a variety of applications. Cleaning solution is dispensed at the brushes. A built-in vacuum recovery system and floor squeegee leaves floors clean and dry.

- Large solution and recovery tanks allow extended operation
- 36V battery-powered operation
- Non-marking tires protect floors
- Adjustable solution rates and scrub pressure to match floor surface conditions
- Variable-speed propulsion



Tennant T5
28" Walk-behind Scrubber



Tennant T1 15" Walk-behind Scrubber



Tennant 5680 28" Walk-behind Scrubber



Make	Model	Cleaning Width	Solution Tank	Recovery Tank	Brush Speed	Travel Speed	Weight	Cat-Class
Tennant	T1	15"	3 gal.	4.5 gal.	2400 RPM	N/A	97 lbs.	040-0100
Tennant	T300	20"	11 gal.	14 gal.	230 RPM	0-2.7 MPH	400 lbs.	040-0103
Tennant	T1B	15"	2.5 gal.	3.4 gal.	900 RPM	N/A	110 lbs.	040-0110
Tennant	T5	28"	22.5 gal.	27 gal.	220 RPM	0-2.7 MPH	609 lbs.	040-0115
Nilfisk-Advance	Warrior 28	28"	30 gal.	30 gal.	220 RPM	0-3.0 MPH	914 lbs.	040-0115
Tennant	5680	28"	30 gal.	40 gal.	200 RPM	0-3.1 MPH	805 lbs.	040-0115
Tennant	5700	28"	30 gal.	40 gal.	320 RPM	0-3.1 MPH	817 lbs.	040-0115



ec-H₂O NanoClean® technology electrically converts water into an innovative cleaning solution that cleans effectively, saves money and reduces environmental impact compared to daily floor cleaning chemicals. Note: Available on T300, T5, 5680, 5700 and T7

WALK-BEHIND SWEEPERS are ideal for picking up debris, combining brush action with an on board vacuum for efficient cleaning at rates up to 38,000 sq. ft. per hour.

- Self-propelled, indoor/outdoor operation
- Battery and propane models available
- Main and side brushes for added versatility



Tennant S10

34" Battery Walk-Behind Sweeper



Make	Model	Type	Cleaning Width	Brushes	Hopper Capacity	Travel Speed	Weight	Cat-Class
Nilfisk-Advance	Terra 132B	Battery	32"	24" Main, 14" Side	1.8 cu. ft.	0-2.8 MPH	349 lbs.	040-0009
Tennant	3640E	Battery	32"	24" Main, 16.5" Side	3.0 cu. ft.	0-2.9 MPH	385 lbs.	040-0009
Tennant	S10	Battery	34"	26" Main, 15" Side	2.8 cu. ft.	0-2.8 MPH	599 lbs.	040-0009

FLOOR & CARPET CARE EQUIPMENT

RIDE-ON SCRUBBERS, RIDE-ON SWEEPER



Light or Heavy Duty
All-purpose Cleaners
Available for Purchase.

For more information about our comprehensive
floor care offering, call Sunbelt Rentals
Flooring Solutions at 844-723-4778



RIDE-ON SCRUBBERS feature one-pass cleaning of floors and pavement at rates up to 70,000 sq. ft. per hour. They utilize dual polypropylene cylindrical brushes for aggressive scrubbing, with variable down pressure to match floor conditions. Cleaning solution is dispensed at the brushes. A built-in vacuum recovery system with floor squeegee leaves floors clean and dry. Includes an overhead guard and solid tires.



Heavy-duty, non-corrosive, low foaming detergent for use in floor scrubbers is available for sale in 2.5 gallon container.



Tennant T20 40" Ride-on Scrubber



Make	Model	Cleaning Width	Solution Tank	Recovery Tank	Brush Speed	Travel Speed	Power Source	Weight	Cat-Class
Tennant	T7	32"	29 gal.	29 gal.	225 RPM	0-4.0 MPH	Battery	850 lbs.	040-0200
Tennant	T16	36"	50 gal.	60 gal.	300 RPM	0-5.6 MPH	Battery	1,900 lbs.	040-0210
Tennant	T20	40"	80 gal.	95 gal.	230 RPM	0-8.0 MPH	55 HP Propane	3,300 lbs.	040-0220
Nilfisk-Advance	Condor XL	48"	100 gal.	100 gal.	470 RPM	0-8.0 MPH	55 HP Propane	3,300 lbs.	040-0220



ec-H₂O™ technology electrically converts water into an innovative cleaning solution that cleans effectively, saves money, improves safety and reduces environmental impact compared to daily cleaning floor chemicals and methods.

Note: Available on T16 and T20

RIDE-ON SWEEPERS are ideal for high production sweeping on indoor and outdoor surfaces. They combine brushing action with an on-board vacuum for efficient cleaning rates up to 200,000 sq. ft. per hour.

- Onboard dust control systems help minimize airborne dust
- Variable speed, battery and propane models available
- Main and side brushes for added versatility
- Large capacity hoppers and multi-level dumping



Tennant S20 50" Propane Ride-on Sweeper



Tennant 6100 30" Battery Ride-on Sweeper



Make	Model	Cleaning Width	Brushes	Hopper Capacity	Power Source	Travel Speed	Weight	Cat-Class
Tennant	6100	30"	22" Main, 16" Side	3 cu. ft.	Battery	0-5 MPH	1,110 lbs.	040-0031
Tennant	S20	50"	36" Main, 23" Side	11 cu. ft.	23 HP Propane	0-6 MPH	2,450 lbs.	040-0040
Tennant	S30	62.5"	45" Main, 26" Side	14.3 cu. ft.	50 HP Propane	0-15 MPH	3,570 lbs.	040-0040

FLOOR & CARPET CARE EQUIPMENT

RIDE-ON SWEEPERS-SCRUBBERS

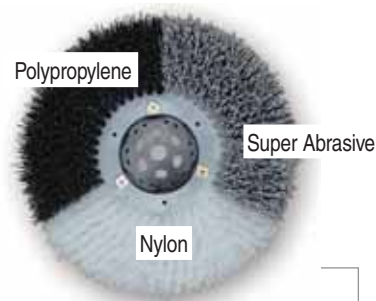


Light or Heavy Duty
All-purpose Cleaners
Available for Purchase.

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floor care offering, call Sunbelt Rentals
Flooring Solutions at 844-723-4778



TennantTrue® scrubbing brushes - The brush you choose makes all the difference in cleaning performance. Only genuine TennantTrue® brushes are designed specifically for your Tennant machine, delivering better cleaning performance, which results in lower costs associated with rework, labor, safety, maintenance and parts costs. To increase ease of use and reduce cost of ownership, always use TennantTrue® brushes.



BRUSH MATERIAL	Aggressiveness 1=Least 6=Most	Wear Life 1=Shortest 6=longest	Impacted Soil ●=Good ●=Better ●=Best	Dust Control ●=Good ●=Better ●=Best
Nylon or Polyester	■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■	●	●
Polypropylene	■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■	●	●
Natural Fiber & Wire	■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■	●	●
Polypropylene & Wire	■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■	●	●

BRUSH PATTERN	Small Particulate	Light/Bulky Litter	Heavy Accumulation ●=Good ●=Better ●=Best	Dust Control ●=Good ●=Better ●=Best	Specialty
Double Row	●	●	●	●	Versatility, mixed debris
Full Fill	●		●	●	Indoor sweeping
Patrol Brush		●	●	●	High speed sweeping, parking lots
Sand Wedge*	●		●	●	Heavy accumulations of sand and other small particulates
Window Brush*	●	●	●	●	Paper scraps and other light litter

* Patented Design

RIDE-ON SWEEPER-SCRUBBERS provide dust-free sweeping and aggressive floor scrubbing in one pass for industrial cleaning applications such as warehouses, parking garages and stadiums.

- Large capacity debris hoppers and recovery tanks extend operating cycles
- Onboard dust control systems help minimize airborne dust
- Variable speed, propane-powered operation
- Units also operate as stand-alone sweepers or scrubbers



Tennant M20LP
54" Ride-on Sweeper-Scrubber



Make	Model	Sweeping Width	Scrubbing Width	Hopper Capacity	Recovery Tank	Power Source	Weight	Cat-Class
Tennant	M20LP	54"	54"	3.9 cu. ft.	73 gal.	55 HP Propane	3,300 lbs.	040-0230
Nilfisk-Advance	Captor 4800	62"	48"	9.2 cu. ft.	80 gal.	53 HP Propane	4,045 lbs.	040-0230

FLOOR & CARPET CARE EQUIPMENT

OUTDOOR SWEEPERS

For more information about our comprehensive floor care offering, call Sunbelt Rentals Flooring Solutions at 844-723-4778



OUTDOOR SWEEPERS provide dust-free sweeping and aggressive floor scrubbing in one pass for industrial cleaning applications such as warehouses, parking garages and stadiums.

- Large capacity debris hoppers and recovery tanks extend operating cycles
- Onboard dust control systems help minimize airborne dust
- Variable speed, propane-powered operation
- Units also operate as stand-alone sweepers or scrubbers



Tennant ATLV-4300 54" Ride-on Sweeper-Scrubber



Tennant 800LPG 66" Ride-on Sweeper-Scrubber



SENTINEL
69" Ride-on Sweeper-Scrubber



Street Sweeper/Brooms are also available for rent (see page 257)



Make	Model	Sweeping Width	Scrubbing Width	Hopper Capacity	Recovery Tank	Power Source	Weight	Cat-Class
Nilfisk-Advance	Captor 4800	62"	48"	9.2 cu. ft.	80 gal.	53 HP Propane	4,045 lbs.	040-0230
Tennant	S20	50"	N/A	11 cu. ft.	N/A	23 HP Propane	2,450 lbs.	040-0040
Tennant	S30	62.5"	N/A	14.3 cu. ft.	N/A	50 HP Propane	3,570 lbs.	040-0040
Tennant	ATLV-4300	8" Nozzle	N/A	110 gal.	N/A	28 HP Diesel	1,860 lbs.	040-0045
Tennant	800 LPG	66"	N/A	30 cu. ft.	N/A	83 HP LPG	6,500 lbs.	040-0050
Tennant	SENTINEL	69"	N/A	3.4 cu. yds	N/A	99 HP Diesel	12,500 lbs.	040-0070

FORKLIFTS

SHOOTING BOOM ROUGH TERRAIN FORKLIFTS

SHOOTING BOOM ROUGH TERRAIN FORKLIFTS are ideal for material placement on rough terrain construction and industrial sites. They feature excellent stability and superior lifting capacities at extended heights and reach. Shooting boom forklifts available range from 4,400 to 10,000 lbs. capacity, with up to 56' lift heights. All models include full-time 4-wheel drive and hydraulic sway control, which allows the frame to be leveled when operating on uneven ground.

- All-wheel steering provides extra maneuverability
- Gradall models feature 90° rear-pivot steering
- All models include 48" pallet forks
- JCB 520 models are compact, multi-function loaders that accommodate buckets and attachments using an optional skid-steer coupler
- 10,000 lb. models include front stabilizers for additional stability and increased lift capacity
- Self-dumping hoppers, material buckets, truss booms and other attachments are available (see page 195)



Genie GTH-5519 5,500 lb. Max Capacity,
19' Max Lift Height



Genie GTH-636 6,000 lb. Max Capacity,
36' Max Lift Height



Make	Model	Max Lift Capacity	Max Lift Height	Max Fwd Reach	Lift Cap* at Max Ht	Lift Cap* at Max Reach	Engine	Weight	Cat-Class
JCB	520-50	4,400 lb.	16' 5"	9' 3"	4,400 lbs.	1,650 lbs.	77 HP diesel	11,568 lbs.	056-0210
JCB	520-50LP ¹	4,400 lb.	16' 5"	9' 3"	4,400 lbs.	1,650 lbs.	77 HP diesel	12,298 lbs.	056-0210
Genie	GTH-5519	5,500 lb.	19'	11'	4,400 lbs.	1,900 lbs.	63 HP diesel	11,260 lbs.	056-0230
JCB	525-60	5,500 lb.	22'	11'	3,000 lbs.	1,650 lbs.	74 HP diesel	12,100 lbs.	056-0230
Genie	GTH-636	6,000 lb.	36'	21' 11"	5,000 lbs.	1,500 lbs.	74 HP diesel	17,600 lbs.	056-0320
JCB	506C	6,000 lb.	36'	22' 9"	6,000 lbs.	1,500 lbs.	85 HP diesel	23,280 lbs.	056-0320
Genie	GTH-644C	6,000 lb.	44'	27'	6,000 lbs.	2,000 lbs.	99 HP diesel	20,052 lbs.	056-0330
JCB	506C HL	6,000 lb.	42'	27' 5"	6,000 lbs.	1,500 lbs.	100 HP diesel	24,260 lbs.	056-0330
Lull	644E-42 ²	6,000 lb.	42'	35' 6"	6,000 lbs.	500 lbs.	99 HP diesel	27,550 lbs.	056-0330
SkyTrak	6036	6,000 lb.	36' 1"	22' 4"	6,000 lbs.	1,800 lbs.	99 HP diesel	22,645 lbs.	056-0330
SkyTrak	6042	6,000 lb.	41' 11"	27' 11"	6,000 lbs.	1,400 lbs.	99 HP diesel	26,600 lbs.	056-0330
Gradall	G6-42P	6,600 lb.	42'	29'	6,000 lbs.	1,300 lbs.	99 HP diesel	27,511 lbs.	056-0330
JLG	G6-42A	6,600 lb.	42'	29'	6,600 lbs.	1,000 lbs.	99 HP diesel	22,950 lbs.	056-0330
JCB	507-42	7,000 lb.	42'	28'	6,000 lbs.	1,800 lbs.	85 HP diesel	23,916 lbs.	056-0350
Genie	GTH-844C	8,000 lb.	44'	27'	6,000 lbs.	2,000 lbs.	99 HP diesel	24,420 lbs.	056-0410
JCB	508C	8,000 lb.	41' 6"	27' 4"	6,000 lbs.	1,800 lbs.	100 HP diesel	27,465 lbs.	056-0410
SkyTrak	8042	8,000 lb.	41' 11"	26' 7"	8,000 lbs.	1,800 lbs.	110 HP diesel	29,650 lbs.	056-0410
JCB	509-42	9,000 lb.	42'	28'	6,000 lbs.	1,800 lbs.	100 HP diesel	25,046 lbs.	056-0510
Gradall	534D9-45	9,000 lb.	45'	31' 6"	7,000 lbs.	1,600 lbs.	110 HP diesel	28,608 lbs.	056-0510
JLG	G9-43A	9,000 lb.	43'	30' 6"	7,000 lbs.	1,500 lbs.	99 HP diesel	27,450 lbs.	056-0510
Lull	944E-42 ²	9,000 lb.	42'	35' 6"	6,000 lbs.	500 lbs.	110 HP diesel	29,815 lbs.	056-0610
Genie	GTH-1056C ³	10,000 lb.	56'	41' 9"	4,000/3,000 lbs.	3,000/500 lbs.	125 HP diesel	31,772 lbs.	056-0620
JCB	550-170 ³	10,000 lb.	54' 9"	41' 5"	5,000/3,000 lbs.	1,000/0 lbs.	100 HP diesel	30,110 lbs.	056-0620
JLG	G10-55A ³	10,000 lb.	55'	42'	3,000/4,000 lbs.	3,000/500 lbs.	125 HP diesel	38,440 lbs.	056-0620
Lull	1044C-54 ^{2,3}	10,000 lb.	54'	45'	5,000 lbs.	1,500 lbs.	115 HP diesel	35,538 lbs.	056-0620
SkyTrak	10054 ³	10,000 lb.	53' 2"	39'	4,000/0 lbs.	3,000/0 lbs.	110 HP diesel	31,363 lbs.	056-0620
JCB	510-56	10,000 lb.	56'	42'	5,000/4,000 lbs.	3,000/300 lbs.	114 HP diesel	33,200 lbs.	056-0620
JCB	512-56	12,000 lb.	56'	42'	5,000/4,000 lbs.	3,500/300 lbs.	114 HP diesel	33,935 lbs.	056-0630

¹Low-profile model with 78" cab height (Standard model 520-50 has 83" cab height).

²Lull models feature a horizontal placement system with a traversing carriage that allows moving an entire load 80" horizontally at full height.

³Dual lift capacities shown for 10,000 lb. and 12,000 lb. models reflect stabilizers down/up.

REACHING OUT

Telehandlers



Our telehandlers are hard-working machines for hard-working people. Redesigned to enhance comfort and productivity, these machines deliver what you need, when you need it.

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FORKLIFTS

SHOOTING BOOM ROUGH TERRAIN FORKLIFTS

SHOOTING BOOM ROUGH TERRAIN FORKLIFTS



JCB 525-60 w/Pallet Forks

Compact, multi-function loaders are ideal for working in confined areas. A skid-steer attachment coupler is available.



JCB 520-50 w/Grapple



Genie GTH-844C 8,000 lb. Max Capacity, 44' Max Lift Height



JCB 509-42 9,000 lb. Max Capacity, 42' Max Lift Height



SkyTrak 6042 6,000 lb. Max Capacity, 42' Max Lift Height



SkyTrak 8042 8,000 lb. Max Capacity, 42' Max Lift Height

FORKLIFTS

STRAIGHT MAST ROUGH TERRAIN FORKLIFTS

STRAIGHT MAST ROUGH TERRAIN FORKLIFTS are ideal for lifting, carrying and placing palletized materials and bulk items on any type of terrain. 2WD and 4WD models are available.

- Diesel-powered for rugged job site conditions
- Highly maneuverable in tight spaces
- 4WD models provide extra traction and increased gradeability
- All models include 48" forks and a hydraulic side shift



Case 586G 6,000 lb. 4WD Straight Mast RT Forklift



JCB 930 6,000 lb. 4WD Straight Mast RT Forklift



Case 588G 8,000 lb. 4WD Straight Mast RT Forklift



JCB 940 8,000 lb. 4WD Straight Mast RT Forklift

Self-dumping hoppers, material buckets, truss booms and other forklift attachments are available for rent (see page 195)



Make	Model	Max Lift Capacity	Max Lift Height	Dimensions (w/mast lowered)*			Power Source	Weight	Cat-Class
Case	586G 2WD	6,000 lb.	22'	195"	83"	127"	80 HP diesel	16,577 lbs.	056-0110
JCB	930 2WD	6,000 lb.	22'	189"	90"	127"	76 HP diesel	14,495 lbs.	056-0110
Case	586G 4WD	6,000 lb.	22'	135"	83"	127"	80 HP diesel	17,077 lbs.	056-0120
JCB	930 4WD	6,000 lb.	22'	189"	90"	127"	76 HP diesel	14,495 lbs.	056-0120
Case	588G 2WD	8,000 lb.	22'	206"	88"	125"	80 HP diesel	18,925 lbs.	056-0130
Case	588G 4WD	8,000 lb.	22'	206"	88"	125"	80 HP diesel	19,384 lbs.	056-0135
JCB	940 4WD	8,000 lb.	22'	196"	90"	122"	76 HP diesel	15,750 lbs.	056-0135

*The dimensions listed above are approximate—always measure individual units for actual dimensions.



ROUGH TERRAIN AND WAREHOUSE FORKLIFTS

Our quality forklifts are designed to offer the performance and reliability your business demands.



FORKLIFTS

INDUSTRIAL WAREHOUSE FORKLIFTS

INDUSTRIAL WAREHOUSE FORKLIFTS are ideal for unloading palletized and crated material from trucks for warehouse, convention services and industrial applications.

- Dual fuel (gas and propane), diesel and electric power options are available
- All models include 48" length forks—longer forks are available
- Some 5,000 lb. models are available with digital scales
- Non-marking, pneumatic tires available on some models
- 170" Low mast models are ideal for working inside parking decks



Mitsubishi FG45KGLP 10,000 lb. Industrial Warehouse Forklift



Mitsubishi FG25NGLP 5,000 lb. Industrial Warehouse Forklift

Make	Model	Max Lift Capacity	Max Lift Height	Mast Stages	Dimensions (w/mast lowered)*			Power Source	Weight	Cat-Class
Komatsu	FG15HT	3,000 lb.	170"	3	88"	42"	80"	49 HP dual fuel	6,430 lbs.	055-0110
Mitsubishi	FG18NGLP	3,000 lb.	188"	3	89"	42"	85"	55 HP dual fuel	6,000 lbs.	055-0110
Mitsubishi	FBC25N-AC	5,000 lb.	188"	3	78"	37"	83"	36V electric	10,000 lbs.	055-0210
Yale	ERCO50VG	5,000 lb.	194"	3	84"	42"	88.5"	36V electric	9,870 lbs.	055-0210
Komatsu	FG25T	5,000 lb.	188"	3	102"	45"	86"	49 HP dual fuel	8,520 lbs.	055-0220
Komatsu	FG25T LOWMAST	5,000 lb.	170"	3	102"	45"	80"	49 HP dual fuel	8,520 lbs.	055-0220
Mitsubishi	FG25NGLP	5,000 lb.	188"	3	100"	46"	85"	55 HP dual fuel	7,900 lbs.	055-0220
Mitsubishi	FG25NGLP LOWMAST	5,000 lb.	170"	3	100"	46"	79"	55 HP dual fuel	7,800 lbs.	055-0220
Yale	GTPO50LX	5,000 lb.	187"	3	98"	46"	37"	62 HP dual fuel	7,760 lbs.	055-0220
Yale	GTPO50 LOWMAST	5,000 lb.	158"	3	98"	46"	79"	62 HP dual fuel	7,760 lbs.	055-0235
Yale	GTPO60VX	6,000 lb.	240"	4	103"	46"	91"	59 HP dual fuel	11,480 lbs.	055-0310
Komatsu	FG30HT	6,000 lb.	183"	3	106"	49"	86"	60 HP dual fuel	9,900 lbs.	055-0310
Mitsubishi	FG30NGLP QUAD	6,000 lb.	240"	4	107"	50"	85"	63 HP dual fuel	10,750 lbs.	055-0310
Mitsubishi	FG30NGLP	6,000 lb.	186"	3	107"	50"	86"	63 HP dual fuel	10,000 lbs.	055-0310
Komatsu	FG30HT QUAD	6,000 lb.	241"	4	106"	49"	86"	60 HP dual fuel	10,903 lbs.	055-0320
Komatsu	FG40ZT	8,000 lb.	185"	3	117"	53"	93"	88 HP dual fuel	13,180 lbs.	055-0410
Mitsubishi	FG40KGLP	8,000 lb.	187"	3	121"	56"	90"	97 HP dual fuel	13,000 lbs.	055-0410
Yale	GTPO80VX	8,000 lb.	185"	3	116"	55"	90"	69 HP dual fuel	13,644 lbs.	055-0410
Komatsu	FG45T	10,000 lb.	185"	3	124"	57"	93"	88 HP dual fuel	15,270 lbs.	055-0610
Mitsubishi	FD45KD	10,000 lb.	188"	3	125"	58"	95"	84 HP diesel	15,300 lbs.	055-0610
Mitsubishi	FG45KGLP	10,000 lb.	188"	3	125"	58"	95"	97 HP dual fuel	15,300 lbs.	055-0610
Yale	GT155VX	15,500 lb.	185"	3	144"	82"	102"	96 HP dual fuel	21,162 lbs.	055-0710
Mitsubishi	FD70D	15,000 lb.	148"	2	143"	86"	120"	94 HP diesel	20,700 lbs.	055-0720
Yale	GDP250DC	25,000 lb.	148"	2	178"	96"	143"	164 HP diesel	33,801 lbs.	055-0810
Yale	GDP360EC	36,000 lb.	147"	2	196"	102"	144"	168 HP diesel	42,647 lbs.	055-0835

*The dimensions listed above are approximate—always measure individual units for actual dimensions.

FORKLIFTS

CAPACITY RATINGS



Mitsubishi FG3DNGLP 6,000 lb. Industrial Warehouse Forklift



Mitsubishi FBC25N-AC 5,000 lb. Industrial Warehouse Forklift

FORKLIFTS

Mitsubishi	Model	Mast Type & MFH	NET CAPACITY			
			Load Center 42" or 48" Forks	Load Center 60" Forks	Load Center 72" Forks	Load Center 96" Forks
4.5K Electric Pallet Jack	PMW23NQ	NONE	4,500	n/a	n/a	n/a
3.5K Pneumatic	FG18N (S/S)	188" TRIPLEX	3,000	2,550	n/a	n/a
	FG18N (SSFP)	188" TRIPLEX	2,950	2,500	n/a	n/a
5K Electric	FBC25NAC (S/S)	188" TRIPLEX	4,450	3,800	3,200	n/a
	FBC25NAC (SSFP)	188" TRIPLEX	4,400	3,750	3,150	n/a
5K Pneumatic	FG25N (S/S)	188" TRIPLEX	4,500	3,850	3,350	n/a
	FG25N (SSFP)	188" TRIPLEX	4,450	3,800	3,300	n/a
	FG25N LOWPRO (S/S)	170" TRIPLEX	4,600	4,000	3,450	n/a
	FG25N LOWPRO (SSFP)	170" TRIPLEX	4,550	3,950	3,400	n/a
	FD25ND (S/S)	188" TRIPLEX	4,500	3,850	3,350	n/a
	FD25ND (SSFP)	188" TRIPLEX	4,450	3,800	3,300	n/a
6K Pneumatic	FG30N / FD30N (S/S)	188" TRIPLEX	5,900	4,800	4,100	n/a
	FG30N / FD30N (SSFP)	188" TRIPLEX	5,850	4,750	4,050	n/a
	FG30N (S/S)	240" QUAD	4,200	3,360	2,800	n/a
8K Pneumatic	FG40N / FD40N (S/S)	188" TRIPLEX	7,350	6,450	5,750	n/a
	FG40N / FD40N (SSFP)	188" TRIPLEX	7,300	6,400	5,700	n/a
10K Pneumatic	FG50CN / FD50CN (S/S)	188" TRIPLEX	9,650	8,000	6,670	5,000
	FG50CN / FD50CN (SSFP)	188" TRIPLEX	9,600	7,950	6,620	4,950
15.5K Pneumatic	FD70E1D (S/S)	140" TRIPLEX	13,900	12,500	11,300	9,000
	FD70E1D (SSFP)	140" TRIPLEX	13,850	12,450	11,250	8,950

FUEL TANKS

REMOTE MONITORING SYSTEMS, AUXILIARY FUEL TANKS

REMOTE MONITORING SYSTEMS are available for tracking the status and performance of pumps and other equipment utilized in critical applications. Systems available range from simple auto-dialers, which dial multiple phone numbers when the equipment shuts down or starts up, to sophisticated, web-based tracking systems that monitor multiple functions on a continuous basis. Typical functions monitored include the following:

- Machine status—whether or not the unit is running
- Engine hours—monitors usage and helps schedule preventive maintenance
- Location (global positioning)—for dispatch purposes and theft protection
- GeoFencing—notification when equipment leaves a designated area
- Remote management—ability to monitor single or multi-unit status, including monitoring multiple machine functions and controlling start-up and shutdown of units without a machine operator present

ENVIRONMENTAL AUXILIARY FUEL TANKS provide extended run times for all types of diesel-driven equipment. Several sizes are available, each featuring an environment-friendly design and rugged, steel construction that provides excellent spill control and complete fluid containment.

- 275, 500, 1,000 and 2,300 gallon tanks available
- Double wall construction (except 275 gallon tank), with UL listed interior tanks and exterior rupture basins
- Southwest Research Fire Code rated
- Galvanized steel frames provide protection from accidental damage and also allow stacking of tanks
- Forklift pockets and 4-point lifting eyes for easy loading
- Fuel gauge with lockable fill and overflow shutoff valve
- Quick-connect hoses and fittings allow fast, easy hookup
- Each tank accommodates two supply and two return lines



Two containment berms holding auxiliary fuel tanks at a dewatering project in Seattle, WA



Transcube 30TCG

Model	Capacity	Dimensions	Dry Weight	Cat-Class
10TCG	264 gal.	46"L x 46"W x 52"H	1,118 lbs.	110-0110
275GT ¹	275 gal.	56"L x 44"W x 55"H	1,431 lbs.	110-0110
500ET	500 gal.	84"L x 48"W x 80"H	3,750 lbs.	110-0210
20TCG	528 gal.	87"L x 46"W x 52"H	1,825 lbs.	110-0210
30TCG	792 gal.	91"L x 59"W x 52"H	2,153 lbs.	110-0310
40TCG	1,000 gal.	91"L x 87"W x 48"H	2,724 lbs.	110-0310
1000ET	1,000 gal.	102"L x 66"W x 80"H	4,850 lbs.	110-0310
50TCG	1,240 gal.	91"L x 91"W x 52"H	3,576 lbs.	110-0410
2300ET	2,300 gal.	144"L x 96"W x 84"H	8,100 lbs.	110-0410

¹275 gallon tank does not include double-wall construction or UL and Southwest Research ratings. Accommodates only one supply and one return line.

CONTAINMENT BERMS offer an ideal solution for secondary containment. Extremely durable, the berm's outside support straps allow the use of the full footprint of the berm for containment purposes. (see page 149)

GENERATORS

GAS PORTABLE GENERATORS, EXTENSION CORDS

GAS PORTABLE GENERATORS are ideal for powering most standard 120/240V power tools, lighting equipment, fans and blowers. All models feature automatic idle control to conserve fuel and lower noise levels. Roll cage steel frames and shock mounting help ensure dependable on-the-job performance. Units are easy to transport and can be lifted by one or two persons. Most models are skid mounted—some units are available with 2-wheel dollies.

- Dependable Honda gas engines (Vanguard engine on Wacker Neuson GS9.7V)
- Super quiet mufflers help reduce noise levels
- Circuit breakers provide overload protection and safeguard tools
- GFCI duplex receptacles for outdoor operating safety
- Low engine oil shutdown protection

Wacker Neuson GP5600A
5,600 Watts



Honda EU2000i
2,000 Watts



Wacker Neuson G3800A
3,800 Watts



Honda EB5000
5,000 Watts



Multiquip GA36HRS
6,000 Watts

	Make	Model	Max/Cont Watts	AC Voltage	Continuous Amps	Receptacles	Weight	Cat-Class
TF	Honda	EU2000i	2,000/1,600	120	13.3	20A duplex	46 lbs.	008-0012
TF	Multiquip	GA25H	2,500/2,200	120	18.3	20A GFCI	98 lbs.	008-0001
TF	Wacker Neuson	GP2500A	2,500/2,250	120	18.8	20A GFCI, 20A duplex	94 lbs.	008-0001
TF	Honda	EU3000iSA ¹	3,000/2,800	120	23.3	20A duplex, 30A 125V twist-lock	134 lbs.	008-0014
TF	Multiquip	GA36HA	3,600/3,200	120/240	23.6/13.3	20A GFCI, 30A 120V twist-lock, 20A 240V twist-lock	170 lbs.	008-0002
TF	Honda	EB4000	4,000/3,500	120/240	29.2/14.6	(2) 20A GFCI, 30A 125V twist-lock, 20A 125/250V twist-lock	185 lbs.	008-0002
TF	Wacker Neuson	G3800A	3,800/3,400	120/240	27.6/13.8	(2) 20A GFCI, 30A 125V twist-lock, 20A 250V twist-lock	160 lbs.	008-0002
TF	Honda	EB5000XK3AT	5,000/4,500	120/240	37.5/18.8	(2) 20A GFCI, 30A 125V twist-lock, 30A 125/250V twist-lock	214 lbs.	008-0003
TF	Wacker Neuson	GP5600A	5,600/5,000	120/240	44.6/22.3	(2) 20A GFCI, 30A 125V twist-lock, 20A 250V twist-lock	186 lbs.	008-0003
TF	Multiquip	GA6HRS	6,000/5,000	120/240	41.6/20.8	(2) 20A 125V GF	259 lbs.	008-0007
TF	Honda	EB6500X1AT	6,500/5,500	120/240	45.8/22.9	(2) 20A GFCI, 30A 125V twist-lock, 30A 125/250V twist-lock	220 lbs.	008-0007
	Multiquip	GA97HE ¹	9,700/8,400	120/240	80.8/40.4	(2) 20A GFCI, 30A 120V twist-lock, 20A 240V twist-lock, 30A 125/250V twist-lock	326 lbs.	008-0020
	Wacker Neuson	GS9.7VS ¹	9,700/9,300	120/240	78.0/39.0	(2) 20A Duplex GFU, 20A 125V twist-lock, 30A 125V twist-lock, 20A 250V twist-lock, 30A 125/250V twist-lock	218 lbs.	008-0020

¹These models feature electric starting.

EXTENSION CORDS are available for rent for use with portable generators. Several types of extension cords are available including outdoor all-purpose, multi-outlet and GFCI. Coleman Cable (Cat-Class 150-0820)

- Outdoor all-purpose cords: 12/3, 125V, 15A
50'—Coleman 02588; 100'—Coleman 02589
- Outdoor multi-outlet cords with 3-way power blocks: 12/3, 125V, 15A
50'—Coleman 04188; 100'—Coleman 04189
- Inline Tri-Source™ GFCI with GFCI relay: 12/3, 125V, 15A
2.5'—Coleman 02851



Outdoor All-Purpose
50' & 100'



Inline GFCI
2.5'



Multi-Outlet
50' & 100'

GENERATORS

POWER GENERATION BASICS

GLOSSARY

Alternating Current (AC)—a current which reverses in regularly recurring intervals of time, has alternative positive and negative values and occurs a specified number of times per second (see frequency).

Ampere (Amp)—the unit of electric current flow. One ampere will flow when one volt is applied across a resistance of one ohm.

Capacitance—the property of a circuit or body that permits it to store an electrical charge equal to the accumulated charge divided by the voltage. Expressed in farads.

Circuit—a complete or partial path over which electric current may flow.

Circuit Breaker—a mechanical switching device capable of making, carrying and breaking currents under normal conditions. Also capable of making, carrying for a specific time and automatically breaking currents under specified abnormal circuit conditions, such as a short circuit. Circuit breakers have an ampere trip rating for normal overload protection and a maximum magnetic ampere interrupting capacity (AIC) for short circuit protection.

Commercial Power—the term applied to power furnished by an electric power utility.

Conductor—a wire, cable or bus bar designed for the passage of electrical current.

Contact—an electro-mechanical device that is operated by an electric coil and allows automatic or remote operation to repeatedly establish or interrupt an electrical power circuit.

Contacts—devices for making and breaking electrical circuits, which are a part of all electrical switching devices.

Current (I)—the amount of electricity flowing in a circuit, measured in amperes.

Cycle—a given length of time (see alternating current). In the U.S. most electric current is 60 cycle (60 Hz).

Delta Connection—a common three-phase connection shaped schematically like the Greek delta (Δ). The end of one phase is connected to the beginning of the next phase, or vice versa.

Dielectric—insulating material, such as air or glass, that has a high resistance to the conductance of electric current; a non-conductor.

Direct Current (DC)—an electric current flowing in one direction.

Distribution Panel—a device that provides multiple power outlets from a 208V 3-phase or 240V single-phase power source for operating power tools, work lights and other equipment.

Efficiency Factor (EFF)—the ratio of output power to input power in an electric motor.

Electric Utilities—all enterprises engaged in the production and/or distribution of electricity for use by the public.

Electromotive Force (E)—the force or electric pressure that causes or tends to cause a current to flow in a circuit, equivalent to the potential difference between the terminals and commonly measured in volts.

Emergency (Stand-by) Power—an independent reserve source of electric power, upon failure or outage of the normal power source, provides stand-by electric power.

Frequency—the number of complete cycles of an alternating voltage or current per unit of time, usually expressed in cycles per second or Hertz (Hz).

Full Load Current (Amps)—the greatest current that a motor or other device is designed to carry under specific conditions: when rated voltage is applied at rated frequency with rated horsepower. Any additional current is an overload.

Fuse—an over-current protective device that consists of a conductor that melts and breaks when current exceeds rated value beyond a predetermined time.

Fuseable Disconnect Switch—a switching device that provides a safe way to distribute power for operating electrical equipment.

Generator—a machine that converts mechanical energy into electrical energy or power.

Generator Receptacle—a contact device installed for the connection of a plug and flexible cord to supply emergency power from a portable generator or other alternate source of power. Receptacles are rated in voltage, amps, number of wires and by enclosure type.

Ground—a connection, either intentional or accidental, between an electric circuit and the earth or some conducting body serving in place of the earth.

Ground Fault Circuit Interrupter (GFCI)—a receptacle with a built in circuit that will detect leakage current to ground on the load side of the device. When the GFCI detects leakage current to ground, it will interrupt power to the load side of the device, preventing a hazardous ground fault condition. GFCI receptacles must conform to UL Standard 943 Class A requirements and their use is required by the National Electric Code NFPA-70 in a variety of indoor and outdoor locations.

Grounded Neutral—the common neutral conductor of an electrical system, which is intentionally connected to ground to provide

a current carrying path for the line to neutral load devices.

Grounding Conductor—the conductor that is used to establish a ground and that connects equipment, a device, a wiring system or another conductor (usually the neutral conductor) with the grounding electrode.

Hertz (Hz)—a unit of frequency equal to one cycle per second.

Horsepower (HP)—the amount of energy required to lift 33,000 lbs., one foot, in one minute. The electrical equivalent of one horsepower is 745.6 watts.

Impedance—a characteristic of an electric circuit that determines its hindrance to the flow of electricity. The unit of measure is the same as resistance (ohms).

Inductance—the property of an electric circuit that causes it to store energy in the form of a magnetic field and because of which a varying current in a circuit induces an electromotive force (voltage) in that or a neighboring circuit.

Kilowatt (kW)—a unit of measure of electrical power, equal to 1000 watts. Used where larger units of electrical power are measured.

Kilovolt-Amperes (kVA)—a rating of apparent power before being used, such as the rating of a transformer.

Manual Transfer Switch—a switch designed to disconnect the load from one power source and reconnect it to another source, while at no time allowing both sources to be connected to the load simultaneously.

Megohm—a unit of resistance equal to one million ohms.

NEC—the National Electrical Code, which is the standard of the National Board of Fire Underwriters for electric wiring and apparatus, as recommended by the National Fire Protection Association.

NEMA—National Electrical Manufacturers Association, a non-profit trade association supported by the manufacturers of electrical apparatus and supplies. NEMA promulgates standards to facilitate understanding between the manufacturers and users of electrical products.

Neutral—the point common to all phases of a polyphase circuit, a conductor to that point, or the return conductor in a single phase circuit. The neutral in most systems is grounded at or near the point of service entrance only and becomes the grounded neutral.

Ohm—unit of electrical resistance. One volt will cause a current of one ampere to flow through a resistance of one ohm.

GENERATORS

POWER GENERATION BASICS

GLOSSARY

Ohm's Law—the rate of the flow of the current is equal to the electromotive force divided by the resistance. The three basic Ohm's law formulas are:

$$\text{Amperes} = \text{Volts} \div \text{Ohms}$$

$$\text{Ohms} = \text{Volts} \div \text{Amperes}$$

$$\text{Volts} = \text{Amperes} \times \text{Ohms}$$

Overload Protection—the effect of a device operated on excessive current, but not necessarily on short circuit, to cause and maintain the interruption of current flow to the device being governed.

Parallel Circuit—an electrical circuit that has more than one path through which electrons may flow.

Power Factor (PF)—the ratio of the true power to the volt-amperes in an alternating current circuit. Power factor is expressed in a percent of unity either lagging for inductive loads or leading for capacitive loads.

Reactance—the component of impedance that does not dissipate energy. Inductive reactance stores magnetic energy and hinders the flow of alternating current.

Relay—an electric device that is designed to interpret input conditions in a prescribed manner and, after specified conditions are met, to respond and cause contact operation or similar abrupt changes in associated electric control circuits.

Resistance (R)—the non-reactive opposition that a device or material offers to the flow of direct or alternating current. Usually measured in ohms. The larger the resistance, the lower the current for a given source (driving) voltage.

Resistive Load Bank—a device that provides temporary electrical loads for field testing power sources such as generators and uninterruptible power supplies.

Series Circuit—an electrical circuit with only one path through which electrons may flow.

Single-Phase Circuit—a circuit that differs in phase by 180°. Single-phase circuits have two conductors, one of which may be a neutral, or three conductors, one of which is neutral.

Stand-by Power—see Emergency Power.

Star Connection—a three-phase connection, so called because, schematically, the joint of the "Y" points looks like a star. (Same as a "Y" or "Wye" connection.)

Starting Amps—the maximum current drawn by a motor during the starting period.

Step-Down Transformer—a transformer that provides one or more electrical outlets at reduced voltage and current from the main power source.

Surge Arrestor—a protective device for limiting surge voltages on equipment by discharging or bypassing surge current; it prevents continued flow of current to ground and is capable of repeating these functions as specified.

Switch—a device for making, breaking or changing connections in a circuit.

Terminal Block—an insulating base equipped with terminals for connecting wires.

Three-Phase Circuit—a combination of circuits energized by alternating electromotive sources that differ in phase by one third of a cycle, that is, 120°. A three-phase circuit may be three wire or four wire with the fourth wire being connected to the neutral point of the circuit that may be grounded.

Transformer—a static electric device consisting of a single winding, or two or more coupled

windings, used to transfer power by electromagnetic induction between circuits at the same frequency, usually with changed values of voltage and current.

Underwriters Laboratories (UL)—an independent, non-profit U.S. organization that tests products for safety.

Volt—a unit of measure of electric potential and electromotive force, equal to the difference of electric potential between two points on a conducting wire carrying a constant current of one ampere when the power dissipated between the points is one watt.

Voltage—electromotive force, or difference in electric potential, expressed in volts.

Watt—a unit of measure of electrical power, equal to the power used when one volt causes one ampere to flow in a circuit.

Wye Connection—see Star Connection.

KVA/KW AMPERAGE CHART

80% Power Factor

kVA	kW	208V	220V	240V	380V	400V	440V	450V	460V	480V	600V	2400V	3300V	4160V
6.3	5	17.5	16.5	15.2	9.6	9.1	8.3	8.1	7.9	7.6	6.1	1.5	1.09	0.86
9.4	7.5	26.1	24.7	22.6	14.3	13.6	12.3	12	11.8	11.3	9.1	2.25	1.64	1.3
12.5	10	34.7	33	30.1	19.2	18.2	16.6	16.2	15.7	15.1	12	3	2.1	1.7
18.7	15	52	49.5	45	28.8	27.3	24.9	24.4	23.6	22.5	18	4.5	3.2	2.6
25	20	69.5	66	60.2	38.4	36.4	33.2	32.4	31.4	30.1	24	6	4.4	3.5
31.3	25	87	82.5	75.5	48	45.5	41.5	40.5	39.3	37.8	30	7.5	5.5	4.4
37.5	30	104	99	90.3	57.6	54.6	49.8	48.7	47.1	45.2	36	9.1	6.6	5.2
45	36	125	118	108	68	65	59	57	57	54	43	11	8	6
50	40	139	132	120	77	73	66.5	65	63	60	48	12.1	8.8	7
62.5	50	173	165	152	96	91	83	81	79	76	61	15.1	10.9	8.7
70	56	194	183	168	106	101	91	90	88	84	67	17	12	9
75	60	208	198	181	115	109	99.6	97.5	94	91	72	18.1	13.1	10.5
93.8	75	261	247	226	143	136	123	120	118	113	90	22.6	16.4	13
100	80	278	264	240	154	146	133	130	126	120	96	24.1	17.6	13.9
125	100	347	330	301	192	182	166	162	157	150	120	30	21.8	17.5
150	120	417	394	361	228	217	197	193	188	181	136	36	26	20
156	125	433	413	375	240	228	208	204	196	188	150	38	27.3	22
187	150	520	495	450	288	273	249	244	236	225	180	45	33	26
219	175	608	577	527	335	318	289	283	275	264	211	53	38	31
250	200	694	660	601	384	364	332	324	314	301	241	60	44	35
312	250	866	825	751	480	455	415	405	393	376	300	75	55	43
375	300	1040	990	903	576	546	498	487	471	451	361	90	66	52
400	320	1112	1051	962	685	658	578	525	514	503	481	96	70	55
438	350	1220	1155	1053	722	637	581	568	550	527	422	105	77	61
500	400	1390	1320	1203	770	730	665	650	628	602	481	120	88	69
625	500	1735	1650	1504	960	910	830	810	785	752	602	150	109	87
750	600	2080	1980	1803	1150	1090	996	975	942	902	721	180	131	104
800	640	2223	2102	1924	1217	1156	1051	1027	1005	962	771	192	140	111
875	700	2430	2310	2104	1344	1274	1162	1136	1100	1052	842	210	153	121
937.5	750	2605	2475	2254	1442	1367	1246	1218	1178	1128	903	225	164	130
1000	800	2780	2640	2405	1540	1460	1330	1300	1257	1203	962	241	176	139
1125	900	3120	2970	2709	1730	1640	1495	1460	1414	1354	1082	271	197	156
1250	1000	3470	3300	3009	1920	1820	1660	1620	1571	1504	1202	301	218	174
1563	1250	4350	4130	3765	2400	2280	2080	2040	1963	1885	1503	376	273	218
1875	1500	5205	4950	4520	2880	2730	2490	2440	2356	2260	1805	452	327	261
2188	1750	6079	5747	5280	3350	3180	2890	2830	2749	2640	2106	528	380	304
2500	2000	6947	6568	6020	3840	3640	3320	3240	3141	3015	2405	602	436	348
2812	2250	7816	7389	6780	4320	4095	3735	3645	3534	3400	2710	678	491	392
3130	2500	8684	8210	7520	4800	4560	4160	4080	3926	3765	3005	752	546	435
3750	3000	10421	9852	9040	5760	5460	4980	4880	4712	4525	3610	904	654	522
4375	3500	12158	11495	10550	6700	6360	5780	4660	5197	5285	4220	1055	760	610
5000	4000	13895	13137	12040	7680	7280	6640	6480	6282	6035	4810	1204	872	695

GENERATORS

POWER GENERATION BASICS

Several basic electrical formulas, which are listed below, are related to Ohm's law. (See definition on previous page.)

Variables used in these formulas are as follows:

I = Intensity of current = Amperes

E = Electromotive Force = Volts

R = Resistance = Ohms

P = Power = Watts

Current (Ampere) Formulas

$$I = \sqrt{\frac{P}{R}} = \sqrt{\frac{\text{Watts}}{\text{Ohms}}} \quad I = \frac{P}{E} = \frac{\text{Watts}}{\text{Volts}} \quad I = \frac{E}{R} = \frac{\text{Volts}}{\text{Ohms}}$$

Voltage Formulas

$$E = \sqrt{P \times R} = \sqrt{\text{Watts} \times \text{Ohms}} \quad E = \frac{P}{I} = \frac{\text{Watts}}{\text{Amps}}$$

$$E = R \times I = \text{Ohms} \times \text{Amps}$$

Power (Watt) Formulas

$$P = E \times I = \text{Volts} \times \text{Amps} \quad P = \frac{E^2}{R} = \frac{\text{Volts}^2}{\text{Ohms}}$$

$$P = R \times I^2 = \text{Ohms} \times \text{Amps}^2$$

Resistance (Ohms) Formulas

$$R = \frac{E}{I} = \frac{\text{Volts}}{\text{Amps}} \quad R = \frac{E^2}{P} = \frac{\text{Volts}^2}{\text{Watts}} \quad R = \frac{P}{I^2} = \frac{\text{Watts}}{\text{Amps}^2}$$

Listed below are several additional electrical formulas, which are useful for calculating amperes, horsepower, kilowatts and kVA for both single-phase and three-phase alternating current when other values are known. Additional variables used in these formulas are as follows:

HP = Horsepower

EFF = Efficiency Factor (use 0.9 unless otherwise indicated)

PF = Power Factor (use 0.8 unless otherwise indicated)

ALTERNATING CURRENT (AC)

To Find:	Single-Phase	Three-Phase
Amperes, when motor HP is known	$\frac{HP \times 746}{E \times \text{EFF} \times \text{PF}}$	$\frac{HP \times 746}{E \times \text{EFF} \times \text{PF} \times 1.73}$
Amperes, when kW is known	$\frac{kW \times 1,000}{E \times \text{PF}}$	$\frac{kW \times 1,000}{E \times \text{PF} \times 1.73}$
Amperes, when kVA is known	$\frac{kVA \times 1,000}{E}$	$\frac{kVA \times 1,000}{E \times 1.73}$
Kilowatts (kW)	$\frac{E \times I \times \text{PF}}{1,000}$	$\frac{E \times I \times \text{PF} \times 1.73}{1,000}$
kW Input, when motor HP is known	$\frac{HP \times 0.746}{\text{EFF}}$	$\frac{HP \times 0.746}{\text{EFF}}$
Kilovolt-Amperes (kVA)	$\frac{E \times I}{1,000}$	$\frac{E \times I \times 1.73}{1,000}$
Horsepower (HP)	$\frac{E \times I \times \text{EFF} \times \text{PF}}{746}$	$\frac{E \times I \times \text{EFF} \times 1.73}{746}$

FULL-LOAD CURRENT IN AMPERES—ALTERNATING CURRENT (AC) MOTORS

HP	Single-Phase		Three-Phase Induction Type				Three-Phase Synchronous		
	115V	230V	208V	230V	460V	575V	230V	460V	575V
1/6	4.4	2.2							
1/4	5.8	2.9							
1/3	7.2	3.6							
1/2	9.8	4.9	2.4	2.2	1.1	0.9			
3/4	13.8	6.9	3.5	3.2	1.6	1.3			
1	16.0	8.0	4.6	4.2	2.1	1.7			
1-1/2	20.0	10.0	6.6	6.0	3.0	2.4			
2	24.0	12.0	7.5	6.8	3.4	2.7			
3	34.0	17.0	10.6	9.6	4.8	3.9			
5	56.0	28.0	16.7	15.2	7.6	6.1			
7-1/2	80.0	40.0	24.2	22.0	11.0	9.0			
10	100.0	50.0	30.8	28.0	14.0	11.0			
15			46.2	42.0	21.0	17.0			
20			59.4	54.0	27.0	22.0			
25			74.8	68.0	34.0	27.0	53.0	26.0	21.0
30			88.0	80.0	40.0	32.0	63.0	32.0	26.0
40			114.0	104.0	52.0	41.0	83.0	41.0	33.0
50			143.0	130.0	65.0	52.0	104.0	52.0	42.0
60			169.0	154.0	77.0	62.0	123.0	61.0	49.0
75			211.0	192.0	96.0	77.0	155.0	78.0	62.0
100			273.0	248.0	124.0	99.0	202.0	101.0	81.0
125			343.0	312.0	156.0	125.0	253.0	126.0	101.0
150			396.0	360.0	180.0	144.0	302.0	151.0	121.0
200			528.0	480.0	240.0	192.0	400.0	201.0	161.0
250					302.0	242.0			
300					361.0	289.0			
350					414.0	336.0			
400					477.0	382.0			
450					515.0	412.0			
500					590.0	472.0			

The chart at the left is useful for finding the full-load current in amperes for common types of electric motors with various horsepower and voltage ratings. To calculate the kW required to run a motor based on these values, use the following formulas:

Single-Phase

$$kW = \frac{\text{Volts} \times \text{Amps} \times \text{PF}^*}{1,000}$$

Three-Phase

$$kW = \frac{\text{Volts} \times \text{Amps} \times \text{PF}^* \times 1.73}{1,000}$$

*Use 0.8 power factor unless otherwise indicated.

Note: As a general rule, to estimate the kW necessary to start a motor, multiply the running kW x 2.5.

GENERATORS

TOWABLE DIESEL GENERATORS

TOWABLE DIESEL GENERATORS provide ideal power solutions for temporary, standby and emergency power requirements ranging from 20 kW to 640 kW. Tandem-axle trailers allow easy towing at highway speeds. All models feature quiet operation (69 dBA or lower at full load) and onboard fuel capacity for 24-hour minimum run times. Multiple voltages are easily configured, with simultaneous single and 3-phase power output.

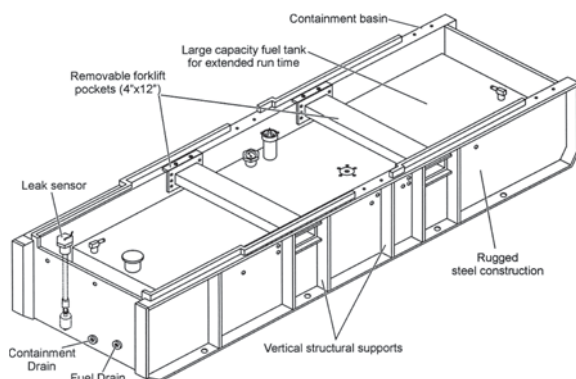
- Excellent voltage regulation: $\pm 1.5\%$ from no load to full load
- Simultaneous single and 3-phase power output
- Complete analog instrumentation, with an easy-to-read, illuminated instrument panel
- Silenced, weather-resistant steel housings
- Tandem-axle trailers equipped with surge brakes, designed for easy towing at highway speeds (except 640 kW)
- Large fuel tanks provide extended run times at full load
- Auxiliary fuel tanks are available for longer run times without refueling (see page 142)
- Environmental package with complete fluid containment is available for most models (see illustration below)
- Ultra-Silent generators are available in 20 kW, 36 kW, 56 kW and 100 kW models (see illustration below)



MQ Power 100 kW Towable Generator
Temporary power for a construction site



MQ Power 320 kW Industrial Generators
Temporary power for a construction site



Environmental Package

Available for all models except the 640 kW. Features an integrated environmental skid that provides complete fluid containment to protect the environment.



Ultra-Silent Generators

Available in 20 kW, 36 kW, 56 kW and 100 kW models. They feature a patented airflow design and sound attenuation yielding a decibel rating of 62 dBA (or lower) at 23 feet.

Make	Prime Rating	Engine	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Operating Weight	Hertz	120V	240V	208V	480V	Cat-Class
MQ Power	20 kW	Isuzu 31 HP	42 gal.	1.6 GPH	27 hrs.	110"L x 57"W x 77"H	2,517 lbs.	60	✓	✓	✓	✓	009-0030
MQ Power	36 kW	Isuzu 55 HP	79 gal.	3.0 GPH	26 hrs.	143"L x 65"W x 84"H	4,342 lbs.	60	✓	✓	✓	✓	009-0040
MQ Power	56 kW	Isuzu 90 HP	103 gal.	4.5 GPH	23 hrs.	174"L x 73"W x 99"H	6,061 lbs.	60	✓	✓	✓	✓	009-0070
MQ Power	100 kW	Isuzu 152 HP	169 gal.	7.3 GPH	23 hrs.	184"L x 80"W x 97"H	8,849 lbs.	60	✓	✓	✓	✓	009-0100
MQ Power	120 kW	John Deere 180 HP	269 gal.	9.0 GPH	30 hrs.	202"L x 83"W x 89"H	9,784 lbs.	60	✓	✓	✓	✓	009-0105
MQ Power	150 kW	John Deere 286 HP	310 gal.	11.4 GPH	30 hrs.	204"L x 87"W x 93"H	11,438 lbs.	60	✓	✓	✓	✓	009-0120
MQ Power	175 kW	John Deere 286 HP	350 gal.	13.6 GPH	26 hrs.	209"L x 88"W x 94"H	12,850 lbs.	60	✓	✓	✓	✓	009-0130
MQ Power	240 kW	Komatsu 347 HP	329 gal.	16.7 GPH	20 hrs.	227"L x 95"W x 103"H	17,412 lbs.	60	✓	✓	✓	✓	009-0170
MQ Power	315 kW	Volvo 533 HP	800 gal.	22.9 GPH	35 hrs.	24"L x 8"W x 12' 8"H	25,000 lbs.	60	✓	✓	✓	✓	009-0230
MQ Power	320 kW ¹	Volvo 468 HP	479 gal.	20.6 GPH	23 hrs.	241"L x 94"W x 115"H	19,719 lbs.	60	✓	✓	✓	✓	009-0210
Doosan	456 kW	Cummins 755 HP	574 gal.	31.1 GPH	18.5 hrs.	270"L x 86"W x 120"H	18,573 lbs.	60	✓	✓	✓	✓	009-0315
MQ Power	640 kW ²	Komatsu 1,008 HP	129 gal.	41.3 GPH	3 hrs.	217"L x 77"W x 99"H	25,961 lbs.	60	✓	✓	✓	✓	009-0330

¹320 kW models are also available with Isuzu and Komatsu diesel engines.

²640 kW specifications reflect skid-mounted units.

Note: Above specifications reflect the most recent designs—specifications may vary for specific units rented.

GENERATORS

INDUSTRIAL DIESEL GENERATORS

INDUSTRIAL DIESEL GENERATORS provide efficient, continuous-duty solutions for temporary, standby and emergency power requirements up to 2,000 kW. To meet larger capacity requirements, all units are parallelable. Generators are enclosed in a self-contained, 20' through 48' ISO container, mounted on a tandem-axle trailer chassis for over-the-road transport. All models feature sound attenuation, with noise levels rated at 69 dBA or lower at full operating load.

- Paralleling system allows combining multiple units
- Programmable engine starting and shutdown, accommodates auto-dialers for remote operation and control
- Isolated, interior control room provides security and weather protection
- Triple-stage engine oil filtration system includes a refined 2-micron filter, an oil centrifuge system and an oil level regulating system, allowing up to 1,000 hours continuous operation
- Walk-through engine compartment provides access to all major components
- Large fuel tanks provide up to 24 hours run time at full load
Auxiliary fuel tanks are also available (see page 132)
- Ladder and platform provide convenient access for refueling



Left: Generators include a digital control panel located in an isolated control room for security and weather protection. Right: Walk-through engine compartment provides convenient access to all major components. Includes a 24V DC battery lighting system



Cummins 500 and 1,000 kW Industrial Generators
Power provided for an outdoor event



Two paralleled **MQ Power 500 kW** Generator
Emergency power for disaster relief

Make	Prime Rating	Standby Rating	Engine	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Operating Weight	Hertz	208V	480V	Cat-Class
Cummins	455 kW	500 kW	Cummins 755 HP	849 gal.	34.4 GPH	25 hrs.	20'L x 8'W x 12' 6"H	27,940 lbs.	60	✓	✓	009-0310
MQ Power	450 kW	500 kW	Volvo 796 HP	800 gal.	37.7 GPH	21 hrs.	24'L x 8'W x 12' 8"H	26,920 lbs.	60	✓	✓	009-0310
MQ Power	730 kW	750 kW	Cummins 1,340 HP	1,000 gal.	60.0 GPH	17 hrs.	40'L x 8'W x 12' 8"H	44,500 lbs.	60	✓	✓	009-0340
Cummins	725 kW	800 kW	Cummins 1,220 HP	1,614 gal.	53.0 GPH	30 hrs.	30'L x 8'W x 12' 6"H	44,951 lbs.	60	✓	✓	009-0340
Cummins	900 kW	1,000 kW	Cummins 1,490 HP	1,614 gal.	72.2 GPH	22 hrs.	30'L x 8'W x 12' 6"H	48,059 lbs.	60	✓	✓	009-0350
MQ Power	900 kW	1,000 kW	Cummins 1,380 HP	1,000 gal.	69.3 GPH	14 hrs.	40'L x 8'W x 12' 8"H	45,200 lbs.	60		✓	009-0350
Cummins	1,350 kW	1,500 kW	Cummins 2,220 HP	1,631 gal.	104.0 GPH	16 hrs.	48'L x 8'W x 12' 6"H	71,960 lbs.	60		✓	009-0370
MQ Power	1,250 kW	1,500 kW	Cummins 2,220 HP	1,000 gal.	88.0 GPH	11 hrs.	40'L x 8'W x 12' 8"H	53,220 lbs.	60		✓	009-0370
Kohler	1,800 kW	2,000 kW	Detroit	1,000 gal.	127.0 GPH	7.2 hrs.	45'L x 8'W x 13' 6"H	76,380 lbs.	60		✓	009-0390

Note: Some MQ Power units may be powered by Detroit Diesel engines.

Note: 120V & 240V available with a transformer.



*Sunbelt Rentals is a proud sponsor of the Gary Sinise Foundation
a portion of rental proceeds from GSF-branded MQ generators are donated to the Foundation's R.I.S.E. program.*

Dependable and efficient power for any situation.

Sunbelt Rentals offers a full line of accompanying items including fuel tanks, power distribution and load banks, as well as full turnkey service, giving you the power and flexibility required for any job.

multiquip.com



GENERATORS

MOVIE SET DIESEL GENERATORS

MOVIE SET DIESEL GENERATORS are the preferred choice for quiet, dependable power throughout the entertainment industry. They provide ultra-quiet operation and extremely clean power for motion picture production, TV broadcasting and outdoor music concerts.

- Sound-attenuated design provides “movie quiet” operation. Includes automatic overhead doors with sound baffles, a critical grade exhaust silencer, two layers of acoustic insulation and engine-mounted isolators
- Dual redundant voltage regulators ensure voltage stability, with $\pm 1\%$ variance from no load to full load
- Totally enclosed design provides weather protection
- Mounted on rugged, single or tandem-axle trailers with surge brakes for easy towing at highway speeds
- Digital control panel monitors all engine and generator functions and helps ensure peak operating efficiency
- Emergency shutdown protection
- Stainless steel water lines, exhaust piping, hinges and outer hardware
- Auxiliary fuel tanks are available for longer run times without refueling



MQ 1,400 amp Movie Set Generator
Powering sound stages at an outdoor concert



MQ 1,400 amp Movie Set Generator
Powering video screens at an outdoor rally

Make	Prime Rating	Engine	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Operating Weight	Hertz	120V	240V	208V	480V	Cat-Class
MQ Power	500 amp	Cummins 93 HP	95 gal.	4.8 GPH	33 hrs.	14'L x 6'W x 6' H	4,272 lbs.	60	✓		✓		009-0420
MQ Power	1,400 amp	Volvo 250 HP	160 gal.	11.7 GPH	14 hrs.	15'L x 6'W x 9'H	7,715 lbs.	60	✓		✓		009-0410

GENERATORS

NATURAL GAS GENERATORS

NATURAL GAS GENERATORS provide cost effective and sustainable gas, and with the decrease in flaring, they also satisfy the need for a more environmentally conscious power source on oil and gas well sites. Ranging in size from 20 kW to 360 kW, natural gas generators allow you to dispose of unwanted oil by-products and cut down on fuel transportation costs while simultaneously generating electricity to service on-site needs.

- User friendly features such as analog control panel displaying AC voltage, AC frequency, ammeter, hour meter, fuel level, battery volt meter and an off/manual/auto toggle switch ensure ease of operation
- Bumper pull or gooseneck trailer-mounted
- Heavy duty 12 gauge galvalume steel enclosure provides weather protection
- Exhaust silencer offers quiet operation
- Paralleling capabilities



Taylor Power TGR250
235 kW Natural Gas Generator

Make	Model	Prime Rating	Engine	Controller	Dual Fuel (NG/LP)	Overall Dimensions*	Weight	Trailer Type	Hertz	480V	Cat-Class
Taylor Power	TGR30	20 kW	GM 3.0L	DEIF AGC-4	✓	120" x 59.5" x 268"	3,500 lbs.	Bumper Pull	60	✓	009-0500
Taylor Power	TGR60	50 kW	GM 5.7L	DEIF AGC-4	✓	120" x 59.5" x 268"	4,000 lbs.	Bumper Pull	60	✓	009-0510
Taylor Power	TGR70	70 kW	GM 8.1L	DEIF AGC-4	✓	102" x 117" x 240"	10,341 lbs.	Bumper Pull	60	✓	009-0520
Taylor Power	TGR200	176 kW	Doosan 11.1L	DEIF AGC-4	✓	109" x 122" x 300"	11,615 lbs.	Gooseneck	60	✓	009-0530
Taylor Power	TGR250	235 kW	Doosan 14.6L	DEIF AGC-4	✓	109" x 113" x 300"	14,612 lbs.	Gooseneck	60	✓	009-0540
Taylor Power	TGR400	360 kW	Doosan 21.9L	DEIF AGC-4	✓	102" x 142" x 323"	18,720 lbs.	Gooseneck	60	✓	009-0560

*Dimensions of individual units may vary from the above specs—check with your Sunbelt Rentals location to confirm dimensions.

GENERATOR ACCESSORIES

REMOTE MONITORING SYSTEMS, AUXILIARY FUEL TANKS

REMOTE MONITORING SYSTEMS are ideal for tracking the status and performance of generators and other equipment utilized in critical applications. Systems available range from simple auto-dialers, which dial multiple phone numbers when the equipment shuts down or starts up, to sophisticated, web-based tracking systems that monitor multiple functions on a continuous basis. Typical functions monitored include:

- Engine hours—monitors usage and helps schedule preventive maintenance
- Location (Global Positioning)—for dispatch purposes and theft protection
- GeoFencing—notification when equipment leaves a designated area
- Remote management—ability to monitor single or multi-unit status, including monitoring multiple machine functions and controlling start-up and shutdown of units without a machine operator present
- Machine status—whether or not the unit is running

ENVIRONMENTAL AUXILIARY FUEL TANKS provide extended run times for all types of diesel-driven equipment. Several sizes are available, each featuring an environment-friendly design and rugged, steel construction that provides excellent spill control and complete fluid containment.

- Fuel tanks from 264-2,300 gallons available
- Double wall construction (except 275 gallon tank), with UL listed interior tanks and exterior rupture basins
- Southwest Research Fire Code rated
- Galvanized steel frames provide protection from accidental damage and also allow stacking of tanks
- Forklift pockets and 4-point lifting eyes for easy loading
- Fuel gauge with lockable fill and overflow shutoff valve
- Quick-connect hoses and fittings allow fast, easy hookup
- Each tank accommodates two supply and two return lines
- Forklift pockets and 4-point lifting eyes for easy loading
- Fuel gauge with lockable fill and overflow shutoff valve



Transcube 30TCG

Model	Capacity	Dimensions	Dry Weight	Cat-Class
10TCG	264 gal.	46"L x 46"W x 52"H	1,118 lbs.	110-0110
275GT ¹	275 gal.	56"L x 44"W x 55"H	1,431 lbs.	110-0110
500ET	500 gal.	84"L x 48"W x 80"H	3,750 lbs.	110-0210
20TCG	528 gal.	87"L x 46"W x 52"H	1,825 lbs.	110-0210
30TCG	792 gal.	91"L x 59"W x 52"H	2,153 lbs.	110-0310
40TCG	1,000 gal.	91"L x 87"W x 48"H	2,724 lbs.	110-0310
1000ET	1,000 gal.	102"L x 66"W x 80"H	4,850 lbs.	110-0310
50TCG	1,240 gal.	91"L x 91"W x 52"H	3,576 lbs.	110-0410
2300ET	2,300 gal.	144"L x 96"W x 84"H	8,100 lbs.	110-0410

¹275 gallon tank does not include double-wall construction or UL and Southwest Research ratings. Accommodates only one supply and one return line.

CONTAINMENT BERMS offer an ideal solution for secondary containment. Extremely durable, the berm's outside support straps allow the use of the full footprint of the berm for containment purposes. (see page 149)

GROUND PROTECTION MATS create effective temporary roadways and working platforms to ensure the safe transport and operation of workers and equipment. Made of High-Density Polyethylene, the mats provide superior protection and outperform plywood, timber mats and steel road plates in performance, safety and efficiency. (see page 149)

- Composite rig matting system, temporary road and drill staging system
- Easy installation
- Anti-slip traction pattern
- Easy-to-use cast aluminum cam lock system

GENERATOR ACCESSORIES

PORTABLE DISTRIBUTION PANELS

PORTABLE DISTRIBUTION PANELS provide multiple power outlets from a 208V 3-phase or 240V single-phase power source for operating power tools, work lights and other equipment. Several types of panels that accommodate various voltage and outlet requirements are available, plus a wide selection of pigtail adapters, extension cables, spider boxes and other accessory items. (see pages 147-148)

- NEMA 4X polycarbonate enclosures
- Input: 208V 3-phase or 240V single-phase
- Output: Multiple 208V 3-phase, 208V single-phase, 250V single-phase and 120V single-phase outlets
- Power on light and main circuit breaker
- Most models include 2-wheel mounting for portability



100A
Duplex Panel w/GFCI



200A
Quad Box Feeder Panel



200A
Spider Box Feeder Panel



400A
Spider Box Feeder Panel

Description	Power Input	Power Outlets	GFCI	Weight	Cat-Class
50A Duplex panel	50A, 240V 1ø	(12) 20A, 120V 1ø	yes	56 lbs.	006-0100
100A Quad Box Feeder Panel	100A, 208V 3ø	(4) 20A, 208V 3ø; (1) 20A, 120V 1ø; (1) 50A, 250V 1ø	no	65 lbs.	006-0120
100A Duplex Panel	100A, 208V 3ø	(12) 20A, 120V 1ø	yes	65 lbs.	006-0130
200A Quad Box Feeder Panel	200A, 208V 3ø	(10) 20A, 208V 3ø	no	130 lbs.	006-0200
200A Spider Box Feeder Panel	200A, 208V 3ø	(6) 50A, 250V 1ø	no	65 lbs.	006-0390
400A Spider Box Feeder Panel	400A, 208V 3ø	(10) 50A, 250V 1ø	no	130 lbs.	006-0400
400A Pin & Sleeve Splitter Panel	400A, 208V 3ø	(4) 100A, 208V 3ø	no	145 lbs.	006-0410

GENERATOR ACCESSORIES

WEATHERPROOF DISTRIBUTION PANELS

WEATHERPROOF DISTRIBUTION PANELS provide multiple power outlets from a 208V 3-phase power source. They are ideal for powering outdoor special events such as concerts, sporting events, conventions and motion picture production.

- Heavy-duty, molded rubber enclosures provide excellent shock, impact, corrosion and weather resistance
- Lightweight designs for easy handling
- Panels are stackable for easy transportation and storage



DB100NP-AFF-S3
100A Quad Feeder Boxes



DBS100DP-A4GFI
100A GFCI Duplex Panel



DB200NP-A6S-S3
200A Spider Box Feeder Panel



DB200NP-FFF-S3
200A Quad Feeder Box



DB400A-F202000
400A 3-phase Splitter Box



DB50NQ-BBB-S3
50A Spider Box
Input: 50A, 125/250V
Output: (6) 20A 125V duplex
16 lbs. (Cat-Class 006-0001)



Spider Box Cables
50' length, 38 lbs.
(Cat-Class 150-0800)
100' length, 75 lbs.
(Cat-Class 150-0805)



20A Quad Box Strings w/GFCI
40' length w/10' spacing, 17 lbs.
(Cat-Class 155-0010)
60' length w/20' spacing, 31 lbs.
(Cat-Class 155-0020)
80' length w/30' spacing, 45 lbs.
(Cat-Class 155-0030)



20A Quad Extension Cables
50' length, 25 lbs.
(Cat-Class 155-0040)
100' length, 45 lbs.
(Cat-Class 155-0045)

Make	Model	Description	Power Input	Power Outlets	Dimensions	Weight	Cat-Class
Lex Products	DB100NP-AFF-S3	100A Quad Feeder Box	100A 3ø 120/208V 5 wire male cam	(5) NEMA L21-20 20A 4P5W 3ø 120/208V locking receptacles	11"L x 11"W x 13"H	32 lbs.	006-0120
Lex Products	DBS100DP-A4GFI	100A GFCI Duplex Panel	100A 3ø 120/208V 5 wire male cam	(12) NEMA 5-20 20A 2P3W 125V GFCI duplex receptacles	11"L x 11"W x 13"H	33 lbs.	006-0130
Lex Products	DB200NP-FFF-S3	200A Quad Feeder Box	200A 3ø 120/208V 5 wire male cam	(10) NEMA L21-20 20A 4P5W 3ø 120/208V locking receptacles	15"L x 18"W x 22"H	75 lbs.	006-0200
Lex Products	DB200NP-A6S-S3	200A Spider Box Feeder Panel	200A 3ø 120/208V 5 wire male cam	(6) 50A 125/250V "California-style" locking receptacles	15"L x 15"W x 19"H	60 lbs.	006-0390
Lex Products	DB400A-F202000	400A 3-phase Splitter Box	400A 3ø 120/208V 5 wire male cam	(4) 100A 3ø 120/208V 5 wire female cam; (2) NEMA 5-20 20A 2P3W 125V GFCI duplex	15"L x 18"W x 22"H	75 lbs.	006-0410

GENERATOR ACCESSORIES

MULTI-PANELS, FUSEABLE DISCONNECTS, LOAD BANKS

I-LINE MULTI-PANELS provide extra versatility by adapting to any voltage up to 600V. Applications include distribution panels, portable air handling and temperature control equipment and electric pumps. Circuit breakers can be added or removed as required for multiple electric loads from a single power source.

- Input: 5-wire sets of cam-type receptacles with snap back protective covers
Accommodate any voltage up to 600V
- Output: Hardwire via I-Line circuit breakers, which are added or removed as required

Notes:

1. Circuit breakers are rented separately from multi-panels.
2. Please advise circuit breaker ratings needed, including amperage and number of phases, when placing order.



1,200A
I-Line Multi-Panel

Capacity	Power Input	Power Outlets	Weight	Cat-Class
200A	up to 600V, 3ø	(1) 5-wire set of cam-type receptacles	75 lbs.	006-0470
600A	up to 600V, 3ø	(1) 5-wire set of cam-type receptacles	100 lbs.	006-0490
1,200A	up to 600V, 3ø	(1) 5-wire set of cam-type receptacles	300 lbs.	006-0500

FUSEABLE DISCONNECT SWITCHES provide a safe way to distribute power for operating motors, office trailers and equipment for special events.

- Power Input: up to 600V, 3-phase
- Power Outlets: 5-wire set of cam-type receptacles
- Utilize buss-type fuses



200A Fuseable
Disconnect Switch

Capacity	Power Input	Power Outlets	Weight	Cat-Class
200A	up to 600V, 3ø	(1) 5-wire set of cam-type receptacles	100 lbs.	006-0700
400A	up to 600V, 3ø	(1) 5-wire set of cam-type receptacles	300 lbs.	006-0705

RESISTIVE LOAD BANKS are designed to provide temporary electrical loads for field testing power sources such as generators and uninterruptible power supplies. Load banks range from 75 kW to 1,250 kW capacity.

For complete product details see page 191.



GENERATOR ACCESSORIES

MILL PANELS, STEP-DOWN TRANSFORMERS, TRANSFER SWITCHES

MILL PANELS are ideal for providing multiple 120V outlets from a 480V or 575V 3-phase power source for turn-arounds, plant maintenance and shutdowns. 10 kVA and 30 kVA step-down transformer type mill panels are available, plus a 225kVA model that is ideal for multi-operator welding applications.

- NEMA 4X polycarbonate enclosures
- Include primary safety switch and power-on light



30 kVA Mill Panel



225 kVA Mill Panel

Capacity	Power Input	Power Output	Power Outlets	Weight	Cat-Class
10 kVA	480/575V, 3ø	208Y/120V, 41.7 amps	(6) 20A 120V GFCI, (2) 30A 240V	175 lbs.	006-0300
30 kVA	600/480V, 3ø	208Y/120V, 83.4 amps	(9) 20A 120V GFCI, (4) 50A 125/250V twist-lock	450 lbs.	006-0310
225 kVA	480/575V, 3ø	480/575V, 3ø	(8) 50A 480/575V, 3ø welder receptacles	221 lbs.	006-0320

STEP-DOWN TRANSFORMERS provide multiple 208V 3-phase power connections from a 480V 3-phase power source, making them ideal for powering portable distribution panels. Several sizes of step-down transformers from 30 kVA to 225 kVA are available, plus a 2,500 kVA step-up transformer.

- Input: 480V 3-phase
- Output: Multiple 208V 3-phase connections using 5-wire sets of cam-type output receptacles (except 2,500 kVA model)



HOW TO CALCULATE kVA REQUIREMENTS FOR 3-PHASE TRANSFORMERS

To calculate the kVA for 3-phase transformers:

1. Determine the required voltage and amperage.
2. Plug these values into the following formula:

$$\frac{\text{Volts} \times \text{Amps} \times 1.732}{1,000} = \text{kVA}$$

Capacity	Power Input	Power Output	Power Outlets	Weight	Cat-Class
30 kVA	36A, 480V 3ø	83A, 208V 3ø	(1) 5-wire set of cam-type receptacles	465 lbs.	006-0800
45 kVA	54A, 480V 3ø	124A, 208V 3ø	(1) 5-wire set of cam-type receptacles	580 lbs.	006-0810
75 kVA	113A, 480V 3ø	208A, 208V 3ø	(1) 5-wire set of cam-type receptacles	1,000 lbs.	006-0815
150 kVA	181A, 480V 3ø	417A, 208V 3ø	(2) 5-wire sets of cam-type receptacles	1,250 lbs.	006-0830
225 kVA	271A, 480V 3ø	625A, 208V 3ø	(4) 5-wire sets of cam-type receptacles	1,425 lbs.	006-0840
2,500 kVA	480Y/277Y	4,160V/13,200V	Multiple series voltage taps	13,600 lbs.	006-0890

DOUBLE THROW TRANSFER SWITCHES provide an economical means of transferring electrical loads between two power sources, such as a utility and an emergency or standby generator.

- Input: 480V 3-phase, 5-wire cam-type receptacles
- Output: 480V 3-phase, 5-wire cam-type receptacles

Notes:

1. Both manual and automatic transfer switches are available for the capacities listed.
2. Dual voltage and low voltage types are also available.

Capacity	Cat-Class
100A	006-0752
200A	006-0758
400A	006-0720
600A	006-0725
800A	006-0768
1,200A	006-0730

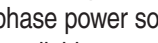
600A Double Throw Transfer Switch



GENERATOR ACCESSORIES

DISTRIBUTION ACCESSORIES

SPIDER BOXES are used to provide multiple 20A 120V outlets from a 250V single-phase power source when a 3-phase power source is unavailable. Includes (6) 20A 120V GFCI receptacles and (1) 30A 240V Twist-Lok receptacle. Weight: 28 lbs. (Cat-Class 006-0001)



MOLDED CABLE RAMPS are used to provide protection for many types of cable, up to 1.3" diameter. They eliminate the need for burying, bypassing or stringing cables. Ramps feature five channels and an interlocking design that allows combining units. End caps and protector bridges are also available.

Dimensions: 36"L x 20"W x 2"H

Unit weighs 21 lbs.

(Cat-Class 155-0245)



THREE GANG BOXES W/GFCI are used for supplying multiple 120V outlets away from the primary panel. Includes (1) 20A, 3-phase, 120/208V twist-lock plug and (3) 20A 120V GFCI duplex receptacles. Unit weighs 6 lbs. (Cat-Class 155-0035)



QUAD BOX STRINGS W/GFCI are used to distribute 120V services every 10', 20' or 30' from a 20A 208V power source. All sizes include five conductor #10 AWG type SOW-A power cable; (3) molded outlet boxes, each with (2) 20A 120V GFCI duplex receptacles; and a 20A, 3-phase, 120/208V twist-lock plug and connector.



30' length w/10' spacing, 17 lbs. (Cat-Class 155-0010)
60' length w/20' spacing, 31 lbs. (Cat-Class 155-0020)
90' length w/30' spacing, 45 lbs. (Cat-Class 155-0030)

CAM-LOCK MULTI-WAY CONNECTORS are used to connect multiple Cam-Type single conductor cables. Accommodate #2–4/0 cables, 600V/400A capacity

- A** 3-Fer–Male-Female-Female-Female (Cat-Class 155-1900)
- B** Double Female–Female-Female (Cat-Class 155-1910)
- C** Tapping Tee–Female-Female-Male (Cat-Class 155-0235)
- D** Paralleling Tee–Female-Male-Male (Cat-Class 155-0235)



A



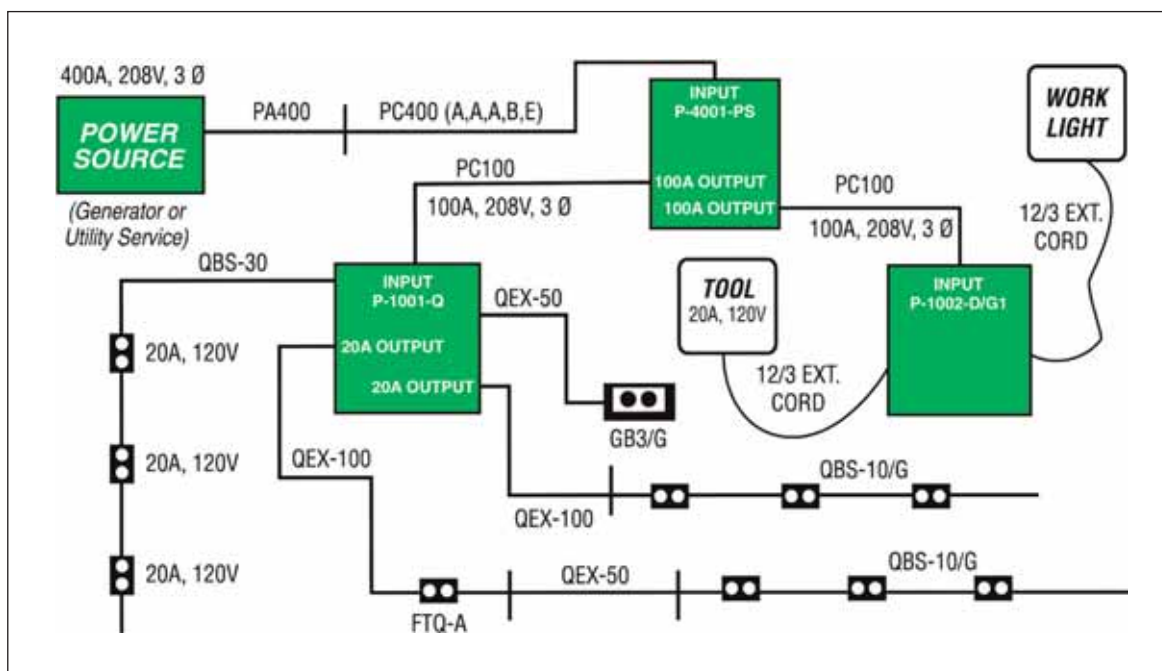
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C



D



Typical Power Distribution System Layout

GENERATOR ACCESSORIES

POWER CABLE

PIGTAIL ADAPTERS



2/5 Pin & Sleeve

4/0 Cam-Lock

Appleton Plug

Used to connect the power source to a distribution panel

Pigtail Adapters					
Connector Type	Cable	Length	Capacity	Weight	Cat-Class
Cam-Lock FM	2/0	10'	600V/200A	8 lbs.	155-0090
Cam-Lock M	2/0	10'	600V/200A	8 lbs.	155-0095
Cam-Lock FM	4/0	10'	600V/400A	11 lbs.	155-0125
Cam-Lock M	4/0	10'	600V/400A	11 lbs.	155-0130
Twist-Lock M	2/5	10'	600V/100A	20 lbs.	155-0155
Twist-Lock FM	2/5	10'	600V/100A	20 lbs.	155-0160
Pin & Sleeve M	2/5	10'	600V/100A	20 lbs.	155-0175
Pin & Sleeve FM	2/5	10'	600V/100A	20 lbs.	155-0180
Twist-Lock FM	6/4	10'	600V/60A	6 lbs.	155-0205
Twist-Lock M	6/4	10'	600V/60A	6 lbs.	155-0210
Quad String FM	10/5	10'	600V/25A	5 lbs.	155-0050
Quad String M	10/5	10'	600V/25A	5 lbs.	155-0055
Appleton Plug	2/4	10'	600V/100A	20 lbs.	155-0243

CAM-LOCK CABLES

Single-conductor cables, each equipped with one male and one female Cam-Type connector. Used for supplying power to 200A and 400A distribution panels.



Cam-Lock Cables				
Cable	Length	Capacity	Weight	Cat-Class
2/0	50'	600V/200A	38 lbs.	155-0065
2/0	100'	600V/200A	75 lbs.	155-0070
4/0	50'	600V/400A	55 lbs.	155-0100
4/0	100'	600V/400A	108 lbs.	155-0105

PIN & SLEEVE CABLES

Five-conductor cables, each equipped with one male and one female Pin & Sleeve connector. Used for supplying power to 100A distribution panels.



Pin & Sleeve Cables				
Cable	Length	Capacity	Weight	Cat-Class
2/5	25'	600V/100A, 3ø	68 lbs.	155-0165
2/5	50'	600V/100A, 3ø	140 lbs.	155-0170

BANDED 5 WIRE CABLES

Highly Flexible Cam Type Extension with (5) #2 AWG SC (Entertainment) conductors banded every 2' with heavy-duty sealant type heat shrink for durability and rated to 600V/220A.



QUAD EXTENSION CABLES

Five-conductor cables, each equipped with one 120/208V twist-lock plug and connector. Used for supplying power to Quad Box Strings and Three Gang Boxes.



Quad Extension Cables				
Cable	Length	Capacity	Weight	Cat-Class
10/5	50'	20A/208Y, 3ø	26 lbs.	155-0040
10/5	100'	20A/208Y, 3ø	45 lbs.	155-0045

SPIDER BOX CABLES

Four-conductor cables, equipped with California plugs. Used for supplying 50A 250V single-phase power to Spider Boxes.



Spider Box Cables				
Cable	Length	Capacity	Weight	Cat-Class
6/4	25'	600V/50A	16 lbs.	155-0795
6/4	50'	600V/50A	37 lbs.	155-0800
6/4	100'	600V/50A	57 lbs.	155-0805

BARE CABLE

Bare cable is rented by the foot in the cable size required.



Bare Cable			
Cable	Capacity	Weight (per foot)	Cat-Class (per foot)
2/0	600V/200A	0.73 lbs.	155-0056
4/0	600V/400A	1.05 lbs.	155-0098
250 MCM	5kV/315A	1.13 lbs.	155-0132
535 MCM	2kV/720A	2.22 lbs.	155-0134
600 MCM	5kV/525A	2.42 lbs.	155-0141
800 MCM	5kV/525A	2.94 lbs.	155-0143
2/5	600V/100A	2.00 lbs.	155-0144
6/4	600V/60A	0.60 lbs.	155-0193
10/5	600V/25A	0.50 lbs.	155-0213
10/3	600V/25A	0.28 lbs.	155-0223

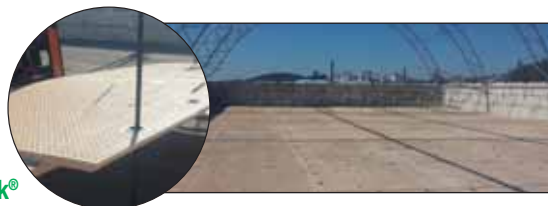
GROUND PROTECTION

GROUND PROTECTION MATS, BERMS

GROUND PROTECTION MATS offer a safe, stable surface for heavy vehicles and equipment. Available in four convenient sizes, the mats create effective temporary roadways and working platforms to ensure the safe transport and operation of workers and equipment. The mats provide superior protection and outperform plywood, timber mats and gravel in performance, safety and efficiency. DuraDeck® is available in white or beige.

- Composite rig matting system, temporary road and drill staging system
- Easy installation
- Anti-slip traction pattern
- Easy-to-use cast aluminum cam lock system

MegaDeck®



	MegaDeck®	DuraDeck®	ArmorDeck® 1	ArmorDeck® 3	UltraDeck
Size	14'L x 7.5'W x 4"H	4'L x 8'W x .5"H	45" x 45" x 2" (with connection tabs exposed)	45" x 45" x 2.5" (with connection tabs exposed)	12'L x 24"W x 1.125"H
Weight	1,150 lbs.	86 lbs.	31 lbs.	41 lbs.	2.88 lbs.
General Usage	Heavy-Duty Use	Light to Medium Use	Light to Medium Use	Light to Medium Use	Light to Medium Use
Weight-Bearing Ability	Up to 600 PSI	Up to 80 ton	25,000 lbs./sq. ft.* *Static load on a solid and level surface	45,000 lbs./sq. ft.* *Static load on a solid and level surface	Up to 20,000 lbs./sq. ft.
Cat-Class	154-0295	154-0105/0120	154-0005/0007	154-0035/0045	154-0165



	DuraDeck®	MegaDeck®	Plywood/Timber Mats
Average Lifespan	6+ years	12+ years	Maximum of 3 years
Chemical Resistant	Yes	Yes	No
Heavier When Wet	No	No	Yes
Warping Due to Moisture	No	No	Yes
Recyclable	Yes	Yes	No
Environmentally Responsible	Yes	Yes	No
Integrated Connection System	Yes	Yes	No
Safety: Anti-slip Tread	Yes	Yes	No
Splinters	No	No	Yes

CONTAINMENT BERMS

are ideal for spill containment. Constructed of a military grade fabric, the berms are extremely durable, and their outside support straps allow the use of the full footprint of the berm for containment purposes. Perfect for a wide range of applications, containment berms can be used in conjunction with any piece of equipment that houses fuel or oil.

- Mitigates the environmental impact of fuel and oil spills
- Durable construction supports long-term use
- One-piece build allows for easy setup
- Various sizes ensure equipment can be effectively contained



Containment Berm

Make	Size	Containment Capacity	Cat-Class
Basic Concepts, Inc.	4'x4'	120 gal.	155-2040
Basic Concepts, Inc.	6'x6'	269 gal.	155-2045
Basic Concepts, Inc.	6'x10'	449 gal.	155-2050
Basic Concepts, Inc.	6'x14'	628 gal.	155-2052
Basic Concepts, Inc.	8'x8'	479 gal.	155-2053
Basic Concepts, Inc.	8'x10'	598 gal.	155-2054
Basic Concepts, Inc.	8'x12'	718 gal.	155-2056
Basic Concepts, Inc.	8'x14'	838 gal.	155-2057
Basic Concepts, Inc.	8'x16'	957 gal.	155-2058
Basic Concepts, Inc.	10'x10'	748 gal.	155-2059
Basic Concepts, Inc.	10'x12'	898 gal.	155-2061
Basic Concepts, Inc.	10'x14'	1,047 gal.	155-2038
Basic Concepts, Inc.	10'x16'	1,197 gal.	155-2060
Basic Concepts, Inc.	10'x18'	1,346 gal.	155-2062
Basic Concepts, Inc.	10'x20'	1,496 gal.	155-2063
Basic Concepts, Inc.	10'x24'	1,795 gal.	155-0826
Basic Concepts, Inc.	10'x28'	2,094 gal.	155-2074
Basic Concepts, Inc.	10'x30'	2,244 gal.	155-2064
Basic Concepts, Inc.	10'x34'	2,543 gal.	155-2076
Basic Concepts, Inc.	10'x40'	2,992 gal.	155-2065
Basic Concepts, Inc.	10'x44'	3,291 gal.	155-2078
Basic Concepts, Inc.	10'x50'	3,740 gal.	155-2080
Basic Concepts, Inc.	10'x52'	3,890 gal.	155-2082
Basic Concepts, Inc.	12'x6'	539 gal.	155-2067
Basic Concepts, Inc.	12'x12'	1,077 gal.	155-2066
Basic Concepts, Inc.	12'x16'	1,436 gal.	155-2071
Basic Concepts, Inc.	12'x18'	1,616 gal.	155-2069
Basic Concepts, Inc.	12'x24'	2,154 gal.	155-2068
Basic Concepts, Inc.	12'x50'	4,488 gal.	155-2070
Basic Concepts, Inc.	16'x16'	1,915 gal.	155-2090
Basic Concepts, Inc.	20'x20'	2,992 gal.	155-2095

HEATERS

HEATER BASICS

HEATER TYPES

FLAMELESS HEATERS

are extremely efficient and allow for less fuel consumption. Due to zero combustion, flameless heaters eliminate the need for fire-watch.

FORCED AIR HEATERS

utilize a fan or blower to create artificial air movement, which removes the heat from the heater surface very quickly. Forced air heaters can circulate heated air over very long distances and are usually the choice for heating larger areas. Forced air heaters are available in direct-fired, indirect-fired and electric types.



DIRECT-FIRED HEATERS

are ideal for applications where a great deal of heat is required in non-enclosed areas such as general construction, ventilated warehouses and parking garages. They are highly efficient since all the heat is transferred to the heated airflow. Direct-fired heaters are both compact and economical due to their simple design. They are available in oil, propane and dual fuel (propane and natural gas) types.



INDIRECT-FIRED HEATERS

utilize a heat exchanger that keeps fumes and exhaust products out of the airflow, providing clean, dry, odorless heat. A flue vents excess moisture, carbon monoxide and other products of combustion. Indirect-fired heaters can also accommodate ductwork, which allows distribution of clean heated air to specific target areas. This feature allows placing the unit outside in a remote location from the area being heated. Indirect-fired heaters are available in oil and dual fuel (propane and natural gas) types. (see page 154)



CONVECTION HEATERS

transfer heat to the surrounding air by the natural circulation of air through the heater. Air motion is a result of gravitational forces where the heated air is lighter than the cooler air. Heated air rises from the top of the heater and is replaced by cooler air that enters from the bottom. Individual convection heaters are a common heat source for smaller enclosed areas and multiple units can be combined to heat larger areas.

RADIANT (INFRARED) HEATERS

heat people and objects rather than air or space. Radiant heat is less affected by drafts and large air movements, since it passes through the air to heat floors, walls, machinery and people. This makes radiant heaters ideal for outdoor and high ceiling heating applications. They are also ideal for spot heating areas like shipping docks; for protecting valves, pumps and machinery from freezing; and for thawing frozen pipes. Radiant heaters generate no noise, fumes or flames.



ELECTRIC HEATERS

provide clean, dry heat with none of the combustion by-products common to fossil fuel burning units. They are also very quiet and require almost no routine maintenance. Applications include general construction in enclosed areas, temporary commercial heating, special event tents and moisture control/drying. Electric heaters are available in portable and industrial types. (see page 157)



FUEL TYPES

KEROSENE AND FUEL OIL

are by-products of petroleum refining and are comprised of liquid hydrocarbons. They are available in several grades depending upon the range of distillation. Kerosene and No. 1 fuel oil are recommended for oil heaters and have a heat rating as follows:

1 gal. = 126,000 BTUs

PROPANE (LPG) consists of refined natural gases that are extracted in a liquid state during refining, under pressure. It remains in liquid state during storage and transportation. When the pressure is reduced, propane vaporizes and becomes a gaseous fuel. When stored in a tank, propane is in both liquid and gaseous state; one gallon of liquid propane weighs 4.35 lbs. and expands to 36.35 cu. ft. of gas when it is evaporated (at sea level). Heat ratings for propane are as follows:

1 gal. = 91,500 BTUs

1 lb. = 21,030 BTUs

1 cu. ft. = 2,521 BTUs

NATURAL GAS is the lightest of all petroleum products and is lighter than air. It remains in a gaseous state throughout the pressure and temperature changes that occur during distribution. Natural gas is sold by the therm, with one therm equal to 40 cu. ft. Heat ratings for natural gas are as follows:

1 therm = 100,000 BTUs

1 cu. ft. = 2,500 BTUs

ELECTRICITY is sold in kilowatt hours (kWH), with one kWH equivalent to 1,000 watts usage for one hour. Electric heaters utilize resistance heating, which converts electrical energy to heat at the rate of 3,450 BTUs per kilowatt (kW).

CALCULATING HEATING FUEL COSTS

Fuel Type	Unit Price		Units per Therm		Efficiency Factor		Heating Cost
Kerosene/ No. 1 Fuel Oil	\$_____/gal.	x	.79 gal.	÷	.86	=	\$_____/Therm
Propane	\$_____/lb.	x	4.79 lbs.	÷	.90	=	\$_____/Therm
Natural Gas	\$_____/Therm	x	1.00	÷	.90	=	\$_____/Therm
Electric	\$_____/kWH	x	29.3 kWH	÷	.95	=	\$_____/Therm

The chart above is useful for comparing relative heating costs for different fuel types. These formulas allow you to calculate the heating cost per therm (100,000 BTUs), using local market prices. The efficiency factors reflect industry averages and will vary slightly for specific heaters.

HEATERS

HEATER BASICS, HYDRONIC GROUND HEATERS

GLOSSARY

Air Changes/Hour—the number of times per hour that the air in a room or building is changed by mechanical means.

BTU—the basic unit for measuring the output of a heater (acronym for British thermal unit). One BTU equals the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

Combustion—the chemical action of a substance with oxygen resulting in the evolution of heat and some light. The three requirements for combustion are sufficiently high temperatures, oxygen and fuel.

Conduction—the transmission of heat through and by matter.

Convection—the transmission of heat by the circulation of air.

Heat Exchanger—a device used to transfer heat from one medium to another. It allows fumes and the by-products of combustion to be vented away from the heated airflow in an indirect-fired heater.

Heat Rise—the desired rise in temperature in degrees Fahrenheit for a heated area. To determine heat rise, subtract the outside temperature from the desired inside temperature in the area being heated.

Resistance Heating—heat generated by electric current passing through a resistance wire. This is the most common type of electric portable heater.

Static Pressure—the pressure which tends to burst a pipe. It is used to overcome the frictional resistance to flow through the pipe. It is usually expressed in inches of water column.

Therm—a unit of heat equal to 100,000 BTUs. It is also used to measure natural gas and as a basis for comparing different fuel types. One therm equals 40 cu. ft. of natural gas.

Thermostat—a device that automatically responds to temperature changes and activates switches controlling heaters and other HVAC equipment.

CALCULATING HEATING REQUIREMENTS

How many BTUs of heating capacity do you need? The formula below can serve as a rough guide for determining the heat requirements for common building applications:

BTU Required = Square footage x Ceiling Height x Δt x Building Factor

Where Δt = Temperature Rise (Desired Temp. F inside–Outside Temp F)

Building Factors: .135 (Sealed building) .145 (Unsealed building) .160 (Tent)

Example: A 4000 sq. ft. unsealed building has an 8' ceiling height. The desired temperature is 70°F and the outside temperature is 30°F. Therefore, the desired temperature rise (Δt) is 40°.

BTU Required = 4,000 x 8 x 40 x .145 = 185,600

Other factors to consider are insulation, ventilation and the number of rooms being heated. After determining the most suitable type of heater and the BTU requirements for your application, select a heater (or heaters) with a BTU rating equal to (or greater than) your requirements.

HYDRONIC GROUND HEATERS provide high-efficiency solutions for two major challenges contractors face working in cold climates: thawing frozen ground and curing concrete. A diesel-fired burner heats hydronic (water/glycol) transfer fluid, which is pumped through flexible hoses to distribute heat directly to the surface, providing more than six times the specific heat of heated air. These lines can be applied directly to piping for freeze protection. The units also have large manifold connections for direct connection to hydronic ECUs (liquid to air exchangers), plate exchangers for freeze protection, and direct pipe connection to frac/water tanks for freeze protection.

- Ground Thawing—up to 1' of depth per day
- Concrete Curing—raise concrete to the ideal curing temperature of 65° to 75°F reducing costs and delays
- Includes 3,000-4,000' of heat transfer hose (six or eight 500' loops).
- Trailer-mounted for easy highway towing one for each group of hose loops

Note: Operation requires two 120V 20A AC power sources.



DRYAIR 300GTS Greenthaw
301,000 BTU Hydronic Ground Heater

Make	Model	Max BTU	Thawing Capacity	Curing Capacity	Efficiency	Transfer Fluid	Fuel Tank	Run Time	Weight	Cat-Class
DRYAIR	300GTS Greenthaw	301,000	3,000–6,000 sq. ft.	6,000 sq. ft.	85%	66 gal.	150 gal.	Up to 140 hrs.	5,650 lbs.	010-0800
Wacker	E3000	385,000	3,000–6,000 sq. ft.	6,000 sq. ft.	83%	115 gal.	230 gal.	Up to 140 hrs.	7,190 lbs.	010-0800
DRYAIR	600GTS Greenthaw	620,200	6,000–8,000 sq. ft.	8,000 sq. ft.	82%	124 gal.	250 gal.	Up to 113 hrs.	6,600 lbs.	010-0600
MAC	6000	630,000	3,000–6,000 sq. ft.	6,000 sq. ft.	86%	130 gal.	225 gal.	Up to 78 hrs.	9,550 lbs.	010-3600
DRYAIR	900GTS Greenthaw	896,000	6,000–8,000 sq. ft.	8,000 sq. ft.	85%	142 gal.	250 gal.	Up to 78 hrs.	7,100 lbs.	010-0880

Thawing and curing capacities are based on the amount of hose that comes on board each unit.

All machines are capable of thawing and curing larger areas by adding an auxiliary manifold and additional thawing and curing hose.

HEATERS

OIL DIRECT-FIRED HEATERS, GAS DIRECT-FIRED HEATERS

OIL DIRECT-FIRED HEATERS are ideal for contractors due to their rugged design and dependable operation on construction sites and other open-air locations.

- Heaters burn either kerosene or No. 1 fuel oil
- Electronic ignition helps ensure complete combustion
- High-volume blowers circulate the heated air
- Built-in thermostats regulate operation
- Blowers and ignition operate on standard 110V current
- Wheelbarrow mounting for portability



Mi-T-M MH-0070-0M10 70,000 BTU **Mi-T-M MH-0125-0M10** 125,000 BTU **L.B. White Tradesman-K210** 210,000 BTU **Mi-T-M MH-0400-0M10** 400,000 BTU **L.B. White Tradesman-K650** 650,000 BTU

Make	Model	Max BTU	Heating Area*	Max Airflow	Fuel Tank	Fuel Consump	Run Time	Weight	Cat-Class
Mi-T-M	MH-0070-0M10	70,000	1,700 sq. ft.	240 CFM	5.0 gal.	0.5 gal./hr.	9.0 hrs.	28 lbs.	010-0110
L.B. White	Tradesman-K75	75,000	1,600 sq. ft.	265 CFM	5.0 gal.	0.6 gal./hr.	8.8 hrs.	30 lbs.	010-0110
L.B. White	Tradesman-K125	125,000	2,900 sq. ft.	520 CFM	10.0 gal.	1.0 gal./hr.	10.5 hrs.	55 lbs.	010-0120
Mi-T-M	MH-0125-0M10	125,000	3,100 sq. ft.	540 CFM	10.0 gal.	1.0 gal./hr.	10.0 hrs.	54 lbs.	010-0120
L.B. White	Tradesman-K170	170,000	4,000 sq. ft.	600 CFM	13.0 gal.	1.0 gal./hr.	10.0 hrs.	60 lbs.	010-0130
Mi-T-M	MH-0175-0M10	175,000	4,300 sq. ft.	630 CFM	13.0 gal.	1.3 gal./hr.	9.5 hrs.	61 lbs.	010-0130
L.B. White	Tradesman-K210	210,000	4,900 sq. ft.	650 CFM	13.0 gal.	1.0 gal./hr.	8.0 hrs.	65 lbs.	010-0140
Mi-T-M	MH-0215-0M10	215,000	5,300 sq. ft.	670 CFM	13.0 gal.	1.6 gal./hr.	8.0 hrs.	64 lbs.	010-0140
L.B. White	Tradesman-K400	400,000	9,400 sq. ft.	1,400 CFM	29.0 gal.	3.0 gal./hr.	9.5 hrs.	155 lbs.	010-0150
Mi-T-M	MH-0400-0M10	400,000	10,000 sq. ft.	1,400 CFM	24.0 gal.	3.1 gal./hr.	8.0 hrs.	143 lbs.	010-0150
L.B. White	Tradesman-K650	650,000	15,300 sq. ft.	3,600 CFM	50.0 gal.	4.9 gal./hr.	10.0 hrs.	298 lbs.	010-0160

*Heating area is based upon a 40° temperature rise in an unsealed building with an 8' ceiling.

GAS DIRECT-FIRED HEATERS provide dependable heat for contractors and workers and are more suitable for indoor operation due to their cleaner combustion. Most models include built-in thermostats to regulate operation.

- Propane models utilize external 100 lb. or larger tanks
- ICE models burn either propane or natural gas
- Electronic ignition helps ensure reliability
- High-volume blowers circulate the heated air
- Blowers and ignition operate on standard 110V current



Mi-T-M MH-0050-LM10 50,000 BTU **L.B. White Tradesman100** 100,000 BTU **Mi-T-M MH-0150-LM10** 150,000 BTU **Safe-Heat SH-350** 350,000 BTU **Mi-T-M MH-0375-LM10** 375,000 BTU

Make	Model	Max BTU	Type	Heating Area*	Max Airflow	Fuel Consump	Run Time**	Weight	Cat-Class
Mi-T-M	MH-0050-LM10	50,000	Propane	1,000 sq. ft.	300 CFM	2.3 gal./hr.	43.5 hrs.	15 lbs.	010-0405
L.B. White	Tradesman100	100,000	Propane	2,400 sq. ft.	350 CFM	4.6 gal./hr.	21.8 hrs.	22 lbs.	010-0410
Mi-T-M	MH-0150-LM10	150,000	Propane	3,800 sq. ft.	400 CFM	6.9 gal./hr.	14.5 hrs.	23 lbs.	010-0415
L.B. White	Tradesman155	155,000	Propane	3,600 sq. ft.	625 CFM	7.2 gal./hr.	13.9 hrs.	29 lbs.	010-0415
Safe-Heat	SH-350	350,000	Propane	3,800 sq. ft.	1,500 CFM	4.1 gal./hr.	N/A	42 lbs.	010-0420
Mi-T-M	MH-0375-LM10	375,000	Propane	9,000 sq. ft.	1,500 CFM	17.3 gal./hr.	5.8 hrs.	41 lbs.	010-0420
L.B. White	Tradesman400	400,000	Propane	9,400 sq. ft.	1,582 CFM	18.5 gal./hr.	5.4 hrs.	51 lbs.	010-0425

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling.

**Run times are based on using a 100 lb. external propane tank—use multiple or larger tanks for longer run times.

For natural gas fuel consumption and connection information, contact Sunbelt Rentals.

HEATERS

DUAL FUEL DIRECT-FIRED HEATERS

DUAL FUEL DIRECT-FIRED HEATERS are ideal for contractors due to their rugged design and dependable operation on construction sites and other open-air locations.

- Heaters burn either propane or natural gas
- Built in thermostats regulate operation
- Electronic ignition helps ensure complete combustion
- High-volume blowers circulate the heated air



ICE DF400 & DF1500
400,000 & 1,500,000 BTU
Dual Fuel Direct-Fired



Safe-Heat SH-500
500,000 BTU
Dual Fuel Direct-Fired



(3 Units) Safe-Heat SH-1000
1,00,000 BTU
Dual Fuel Direct-Fired

Heating a temporary construction building



(2 Units) Safe-Heat SH-2000
400,000–2,000,000 BTU
Dual Fuel Direct-Fired

Heating a temporary construction building



Safe-Heat SH-4000
1,750,000–4,000,000 BTU
Dual Fuel Direct-Fired

Heating a temporary construction building

HEATERS

Make	Model	Max BTU	Type	Heating Area*	Max Airflow	Fuel Consump	Run Time**	Weight	Cat-Class
ICE	DF1000	1,000,000	Propane/Natural Gas	23,500 sq. ft.	7,700 CFM	47.0 gal./hr.	2.1 hrs.	435 lbs.	010-0435
ICE	DF1500	1,500,000	Propane/Natural Gas	24,720 sq. ft.	7,700 CFM	70.5 gal./hr.	1.4 hrs.	435 lbs.	010-0440
Safe-Heat	SH-500	500,000	Propane/Natural Gas	33000 sq. ft.	4600 CFM	5 gal./hr.	N/A	135 lbs.	010-0428
Safe-Heat	SH-1000	1,000,000	Propane/Natural Gas	50000 sq. ft.	5250 CFM	10 gal./hr.	N/A	195 lbs.	010-0435
Safe-Heat	SH-2000	2,000,000	Propane/Natural Gas	10000 sq. ft.	10,750 CFM	20 gal./hr.	N/A	1,500 lbs.	010-0442
Safe-Heat	SH-4000	4,000,000	Propane/Natural Gas	20,000 sq. ft.	22,250 CFM	40 gal./hr.	N/A	1,700 lbs.	010-0448

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling.

**Run times are based on using a 100 lb. external propane tank—use multiple or larger tanks for longer run times.

For natural gas fuel consumption and connection information, contact Sunbelt Rentals.

HEATERS

INDIRECT-FIRED HEATERS

INDIRECT-FIRED HEATERS include heat exchangers that provide clean, dry, odorless heat. They also include air outlets that accommodate flexible ducting, which allows placing the heaters a safe distance from special events tents and other structures.

- Heat exchangers keep fumes and combustion products out of the airflow
- Ideal for drying crawl spaces under water damaged houses
- No open flame—suitable for use in applications with potentially dangerous fumes and dust present
- Oil models burn kerosene or No. 1 fuel oil (onboard tank)
- Gas models burn either propane or natural gas



160,000 BTU Oil Indirect-Fired



(2 Units) ICE OHV 350 320,000 BTU Oil Indirect-Fired
Shown heating a temporary construction building



Flargo FVO-400
390,000 BTU Oil Indirect-Fired



ICE IDF 500 LP/NG
500,000 BTU Gas Indirect-Fired



700,000 BTU
Propane/Natural Gas



ICE IHS1.2 Oil
1,200,000 BTU Oil Indirect-Fired

Oil Indirect-Fired Models

Make	Model	Max BTU	Heating Area*	Max Airflow	Supply Duct Dia/Max Length	Return Duct Dia/Max Length	Fuel Tank	Fuel Consump	Run Time	Voltage	Weight	Cat-Class
Sunbelt	160-IF	160,000	3,700 sq. ft.	1,060 CFM	16"/20'	N/A	17.0 gal.	1.4 gal./hr.	12.0 hrs.	115V	161 lbs.	010-0180
ICE	Mirage 180H	180,900	4,200 sq. ft.	1,475 CFM	12"/24'	N/A	13.5 gal.	1.3 gal./hr.	10.4 hrs.	115V	168 lbs.	010-0180
ICE	OHV 350 Oil	320,000	7,400 sq. ft.	2,500 CFM	2 x 12"/24'	N/A	40.0 gal.	2.0 gal./hr.	20.0 hrs.	115V	400 lbs.	010-0210
Flargo	FVO-400	390,000	7,650 sq. ft.	2,500 CFM	2 x 12"/24'	N/A	42.0 gal.	2.75 gal./hr.	14.0 hrs.	115V	450 lbs.	010-0210
ICE	IDF 350 Oil	350,000	8,100 sq. ft.	2,500 CFM	2 x 12"/24'	N/A	40.0 gal.	2.3 gal./hr.	17.4 hrs.	115V	495 lbs.	010-0210
ICE	OHV 500 Oil	420,000	9,700 sq. ft.	3,100 CFM	2 x 12"/24'	N/A	40.0 gal.	2.5 gal./hr.	16.0 hrs.	115V	400 lbs.	010-0230
Safe-Heat	OHV 500-O	420,000	9,700 sq. ft.	3,100 CFM	2 x 12"/24'	N/A	40.0 gal.	2.5 gal./hr.	16.0 hrs.	120V	400 lbs.	010-0230
ICE	IDF 500 Oil	500,000	11,600 sq. ft.	3,100 CFM	2 x 12"/24'	N/A	40.0 gal.	3.6 gal./hr.	11.1 hrs.	115V	580 lbs.	010-0230
Safe-Heat	700 Oil ¹	700,000	16,200 sq. ft.	4,200 CFM	2 x 16"/100'	2 x 16"/25'	N/A	5.0 gal./hr.	N/A	230V	1,600 lbs.	010-0250
Flargo	FVO-1000TR	780,000	N/A	6,000 CFM	4 x 12"/50	N/A	299 gal.	1.08 gal./hr.	44 hrs.	1x15 amp	4,000 lbs.	010-0265
Safe-Heat	1000 ²	1,000,000	23,000 sq. ft.	11,400 CFM	2 x 16"/110'	N/A	191 gal.	7.0 gal./hr.	27.2 hrs.	110V	3,500 lbs.	010-0265
ICE	IHS1.2 Oil ¹	1,200,000	27,800 sq. ft.	8,420 CFM	3 x 16"/50'	3 x 16"/25'	N/A	8.9 gal./hr.	N/A	230/480V	4,000 lbs.	010-0270
Safe-Heat	IDF-2000 ¹	2,000,000	46,300 sq. ft.	12,500 CFM	2 x 20"/75'	2 x 20"/75'	N/A	20.0 gal./hr.	N/A	240/480V	3,400 lbs.	010-0280

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling. ¹Skid-mounted models that operate using external fuel tanks.

²Trailer-mounted model with twin heaters and an onboard 8 kW diesel generator to power blowers and ignition.

Gas Indirect-Fired Models

Make	Model	Max BTU	Heating Area* Sq. Ft.	Max Airflow	Supply Duct Dia/Max Length	Return Duct Dia/Max Length	Fuel Consump	Run Time**	Voltage	Overall Dimensions	Weight	Cat-Class
ICE	IDF 350 LP/NG	350,000	8,100	2,500 CFM	2 x 12"/24'	N/A	16.7 gal./hr.	6.0 hrs.	115V	70"L x 35"W x 53"H	495 lbs.	010-0220
ICE	OHV 350 LP/NG	350,000	8,100	2,500 CFM	2 x 12"/24'	N/A	16.5 gal./hr.	6.1 hrs.	115V	70"L x 35"W x 52"H	400 lbs.	010-0220
ICE	IDF 500 LP/NG	420,000	9,700	3,100 CFM	2 x 12"/24'	N/A	20.1 gal./hr.	5.0 hrs.	115V	70"L x 35"W x 52"H	580 lbs.	010-0240
Safe-Heat	ID-500-PN	420,000	9,700	3,100 CFM	2 x 12"/24'	N/A	20.1 gal./hr.	5.0 hrs.	120V	70"L x 11"W x 52"H	400 lbs.	010-0240
ICE	OHV 500 LP/NG	450,000	10,400	3,100 CFM	2 x 12"/24'	N/A	21.8 gal./hr.	4.6 hrs.	115V	70"L x 35"W x 52"H	400 lbs.	010-0240
Safe-Heat***	700 LP/NG	700,000	16,200	5,000 CFM	2 x 16"/100'	2 x 16"/25'	32.5 gal./hr.	3.1 hrs.	230V	35"L x 96"W x 56"H	1,600 lbs.	010-0260
ICE	IHS1.2 LP/NG	1,200,000	27,800	8,420 CFM	3 x 16"/50'	3 x 16"/25'	59.8 gal./hr.	1.7 hrs.	230/480V	100"L x 60"W x 78"H	4,000 lbs.	010-0275
Safe-Heat	SH-2000	2,000,000	46,300	10,750 CFM	2 x 20"/75'	2 x 20"/75'	95.0 gal./hr.	1.0 hrs.	230/460V	60"L x 110"W x 48"W	1,500 lbs.	010-0445

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling. **Run times are based on using a 100 lb. external propane tank. Use multiple or larger tanks for longer run times. For natural gas fuel consumption and connection information, contact Sunbelt Rentals. ***Available with 260 gallon fuel tank.

HEATERS

INDIRECT-FIRED HEATERS, PORTABLE HEAT PUMPS

INDIRECT-FIRED HEATERS Manufactured by Sunbelt Rentals Climate Control Services, the Safe-Heat® IDF-2M is an indirect-fired heater capable of producing 2 million BTU/h. The IDF-2M model can operate on either fuel oil, natural gas or propane. The IDF-2M is 90% efficient, and produces 100% clean, dry heat, and can pull return air, increasing its efficiency and allowing more versatility.

- High efficiency heat exchanger
- 100% clean dry heat
- No open flame—suitable for use in applications with potentially dangerous fumes and dust present
- Moisture-free
- Pull return air
- Attach up to 200 ft. ductwork
- Safe and easy installation and operation

Safe-Heat IDF-700
700,000 BTU Oil/Natural Gas/
Propane/Indirect-Fired



Make	Model	Max BTU	Max Airflow	Supply Duct Dia/Max Length	Return Duct Dia/Max Length	Run Time	Voltage	Overall Dimensions	Weight	Cat-Class
Safe-Heat	IDF-700	700,000	5,000 CFM	24/150	24/50	7 gal./hr.	230V	31"L x 95"W x 54"W	1,200 lbs.	010-0260
Safe-Heat	IDF-2M	2,000,000	12,500 CFM	30/200	30/100	20 gal./hr.	208/240/480V	76"L x 151"W x 104"W	3,400 lbs.	010-0280

PORTABLE HEAT PUMPS combine both cooling and heating capabilities in a single, self-contained unit. The most common type of portable heat pump uses ambient air to heat a space. All that is required is to simply plug the unit in. No outside access is needed to dispel exhaust.

- Great for supplemental and emergency heating, spot heating, and backup heating during HVAC repairs or renovations
- Popular in office buildings, retail spaces, schools, hospitals and special events
- Safer and more efficient than electric space heaters
- Perfect for year-round use



Airrex AHSC-12
1 Ton

Make	Model	Capacity	Max Airflow	Cooling Area*	Warm Air Duct** Dia/Max Length	Voltage	Amp Rating	Weight	Cat-Class
Oceanaire	2OACH1211	1 ton	400 CFM	400 sq. ft.	12"/25'	115V	10.4	180 lbs.	107-2018
Airrex	AHSC-12	1 ton	272 CFM	400 sq. ft.	10"/25'	115V	1.21	148 lbs.	107-2018
Airrex	AHSC-18	1.5 ton	424 CFM	600 sq. ft.	12"/50'	115V	1.84	210 lbs.	107-2019
Oceanaire	2OACH1811	1.5 ton	600 CFM	400 sq. ft.	12"/25'	115V	14.1	260 lbs.	107-0114
MovinCool	Climate Pro 12	1 ton	420 CFM	400 sq. ft.	12"/60'	115V	11.1	196 lbs.	107-2018
MovinCool	Climate Pro 18	1.5 ton	540 CFM	200/400 sq. ft.	12"/60'	115V	14.7	214 lbs.	107-2019

*Cooling area is based upon an uninsulated/insulated enclosed area. **Optional warm air flange is required when using warm air discharge duct.

HEATERS

CONVECTION HEATERS, RADIANT AND INFRARED HEATERS

PROPANE CONVECTION HEATERS operate without electric power, increasing their versatility and portability, making them the preferred heater for drywall contractors and other enclosed area applications. Heated air rises from the top of the heater and is replaced by cooler air that enters from the bottom. Quick-starting piezo ignition provides quiet, dependable operation. Fuel comes from user-supplied 20 lb. (or larger) propane tanks.

Note: Some Sunbelt Rentals locations sell propane and rent propane tanks (see page 132 for available tanks)



Mi-T-M
MH-200-CM10
200,000 BTU



L.B. White
Workman-225Plus
225,000 BTU

Make	Model	Max BTU	Heating Area*	Fuel Consump.	Run Time**	Weight	Cat-Class
Mi-T-M	MH-200-CM10	200,000	4,600 sq. ft.	9.3 lbs./hr.	10.8 hrs.	20 lbs.	150-0880
L.B. White	Workman-225Plus	225,000	5,300 sq. ft.	10.5 lbs./hr.	9.5 hrs.	22 lbs.	150-0880

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling.

**Run times are based on using a 100 lb. external propane tank. Use multiple or larger tanks for longer run times.

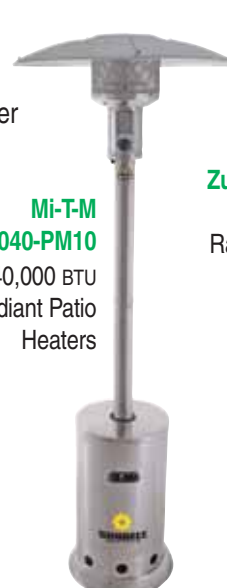
PROPANE RADIANT AND INFRARED HEATERS are ideal for heating people and objects in wide open spaces outdoors. Working similar to the sun, heat passes through the air to heat floors, walls, machinery and people. These heaters are also useful for protecting valves, pumps, hoppers and machinery from freezing and for thawing frozen pipes. Radiant and infrared heaters operate without electricity, which greatly increases their portability and versatility. Several styles of radiant and infrared heaters are available, featuring quick-starting piezo or manual ignition for dependable operation. Fuel comes from user-supplied 20 lb. (or larger) propane tanks.

- Infrared Tank-Top heaters provide directional heating—ceramic emitters and stainless steel reflectors deliver infrared rays for maximum radiant heat range
- Radiant heaters provide 360°F operation—infrared rays produced from the emitter surface radiate heat in a full circle. Both patio and hard hat types are available



Mi-T-M
15,000 & 30,000 BTU
Infrared Tank-Top Heaters

Mi-T-M
MH-0040-PM10
40,000 BTU
Radiant Patio
Heaters



Zubri Z1-12P
40,000 BTU
Radiant Patio
Heaters



Make	Model	Max BTU	Type	Fuel Consump.	Run Time	Weight	Cat-Class
Mi-T-M	MH-0015-1M10 ¹	15,000	Infrared Tank-Top	1.0 lbs./hr.	20.0 hrs.	3 lbs.	010-0320
Mi-T-M	MH-0030-1M10 ¹	30,000	Infrared Tank-Top	1.5 lbs./hr.	13.3 hrs.	7 lbs.	010-0330
Mi-T-M	MH-0040-PM10 ¹	40,000	Radiant Patio	1.9 lbs./hr.	10.5 hrs.	59 lbs.	010-0340
Zubri	Z1-12P	40,000	Radiant Patio	1.9 lbs./hr.	10.5 hrs	27.5 lbs.	010-0340
Veloci	Flame115	115,160	Radiant	.85 gal/hr	13.4 hrs	92 lbs.	010-0375
Veloci	Fire155	154,237	Radiant	1.11 gal/hr	16 hrs	161 lbs.	010-0375

¹Run times are based on using a 20 lb. propane tank.

HEATERS

ELECTRIC HEATERS, STEAM HEATERS

PORTABLE ELECTRIC HEATERS provide fast, clean, odorless heat for contractors, special events and other enclosed spaces, operating virtually maintenance-free. Units are also great for emergency thawing of frozen pipes and a variety of drying applications. Portable electric heaters ranging from 1.5 kW to 60 kW capacity are available.

- All models include a built-in thermostat to regulate operation
- Patron 1.5 kW heater is a compact model ideal for heating one room—unit plugs into a standard 120V outlet
- 10 kW to 30 kW heaters include a 2-wheel dolly for portability and connect to an electric service panel
- 60 kW heaters are ductible and feature a rugged aluminum frame that allows stacking. Units include 4-wheel casters for portability and connect to an electric service panel
- All models include an electric fan that circulates heated air



Fostoria
FES-1524-3E 15 kW



Patron
E 1.5 1.5 kW



Chromalox
DRA-30-43 30 kW



Chromalox
SDRA-60-43 RG 60 kW

INDUSTRIAL ELECTRIC HEATERS provide clean, dry electric heat for large capacity industrial and special event applications. They feature environment-friendly operation and rugged, weatherproof enclosures for reliable operation outdoors. Utilizes 20" ducting for both supply and return ducts. Units operate on 480V 3-phase power and utilize a 4-circuit design that can be configured as 150 kW (512,000 BTU), 90 kW (386,000 BTU) and 60 kW (256,000 BTU) capacity to match heating requirements. Chromalox units are stackable for efficient transport and storage.



Mosebach 150 kW Industrial Electric Heater
Units have fixed casters for easy mobility



Chromalox 150 kW Industrial Electric Heaters
Multiple units heating special events tents

STEAM HEATERS mount to a durable, heavy-duty cart with hanging/lifting support brackets and heavy-duty locking wheels, providing on-the-spot heat. This unit comes pre-piped with inlet strainer, pressure line shutoff valve, on/off switch and an electrical pig tail. Plug-through thermostatic control also available. (Cat-Class 010-0900)

Heating Capacity BTU/u	684,000*
Max Airflow	4,000 CFM
Fuel Type	Steam
Power Supply	120V, 1ph
Net Wt./Shipping Wt.	225/400 lbs.
Dimensions	34"L x 66"W x 36"H

* At 75 lbs. PSI of steam



Safe-Heat
STM-500

HEATERS

Make	Model	kW	Max BTU	Heating Area*	Max Airflow	Voltage	Amp Rating	Weight	Cat-Class
Patron	Patron E 1.5	1.5	5,100	120 sq. ft.	116 CFM	120V 1ø	15	15 lbs.	010-0510
Fostoria	FES-1024-1CA	10	34,130	790 sq. ft.	800 CFM	240V 3ø	42	60 lbs.	010-0520
Chromalox	DRA-15-23	15	51,180	1,185 sq. ft.	1,070 CFM	240V 3ø	36	65 lbs.	010-0530
Fostoria	FES-1524-3E ¹	15	51,195	1,185 sq. ft.	800 CFM	240V 3ø	36	60 lbs.	010-0530
Chromalox	DRA-30-43	30	102,390	2,370 sq. ft.	1,070 CFM	480V 3ø	36	75 lbs.	010-0540
Fostoria	FES-3048-3A	30	102,360	2,370 sq. ft.	800 CFM	480V 3ø	36	72 lbs.	010-0540
Patron	Patron 40E	40	133,000	3,080 sq. ft.	1,765 CFM	480V 3ø	60	125 lbs.	010-0550
Chromalox	SDRA-60-43 RG	60	204,720	4,740 sq. ft.	2,700 CFM	480V 3ø	73	170 lbs.	010-0560
Patron	Patron 60E	60	205,000	4,740 sq. ft.	1,765 CFM	480V 3ø	75	130 lbs.	010-0560
Chromalox	PN 305481005	150	512,000	11,850 sq. ft.	5,000 CFM	480V 3ø	180	1,740 lbs.	010-0570
Mosebach	HBXISO4803Q	150	512,000	11,850 sq. ft.	4,500 CFM	480V 3ø	181	723 lbs.	010-0570

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling.

¹Fostoria FES-1524 is also available in 240V 1ø (Cat-Class 010-0525) and 480V 3ø (Cat-Class 010-0535) models.

HEATING

INDUSTRIAL ELECTRIC HEATERS, INLINE HEATERS

INDUSTRIAL ELECTRIC HEATERS provide clean, dry electric heat for large capacity industrial and special event applications. They feature environment-friendly operation and rugged, weatherproof enclosures for reliable operation outdoors. Utilizes 20" ducting for both supply and return ducts. Units operate on 480V 3-phase power and utilize a 4-circuit design that can be configured as 150 kW (512,000 BTU), 90 kW (386,000 BTU) and 60 kW (256,000 BTU) capacity to match heating requirements. Chromalox units are stackable for efficient transport and storage.



Make	Model	kW	Max BTU	Heating Area*	Max Airflow	Voltage	Amp Rating	Weight	Cat-Class
Patron	Patron E 1.5	1.5	5,100	120 sq. ft.	116 CFM	120V 1ø	15	15 lbs.	010-0510
Fostoria	FES-1024-1CA	10	34,130	790 sq. ft.	800 CFM	240V 3ø	42	60 lbs.	010-0520
Chromalox	DRA-15-23	15	51,180	1,185 sq. ft.	1,070 CFM	240V 3ø	36	65 lbs.	010-0530
Fostoria	FES-1524-3E [†]	15	51,195	1,185 sq. ft.	800 CFM	240V 3ø	36	60 lbs.	010-0530
Chromalox	DRA-30-43	30	102,390	2,370 sq. ft.	1,070 CFM	480V 3ø	36	75 lbs.	010-0540
Fostoria	FES-3048-3A	30	102,360	2,370 sq. ft.	800 CFM	480V 3ø	36	72 lbs.	010-0540
Patron	Patron 40E	40	133,000	3,080 sq. ft.	1,765 CFM	480V 3ø	60	125 lbs.	010-0550
Chromalox	SDRA-60-43 RG	60	204,720	4,740 sq. ft.	2,700 CFM	480V 3ø	73	170 lbs.	010-0560
Patron	Patron 60E	60	205,000	4,740 sq. ft.	1,765 CFM	480V 3ø	75	130 lbs.	010-0560
Chromalox	PN 305481005	150	512,000	11,850 sq. ft.	5,000 CFM	480V 3ø	180	1,740 lbs.	010-0570
Mosebach	HBXISO4803Q	150	512,000	11,850 sq. ft.	4,500 CFM	480V 3ø	181	723 lbs.	010-0570

*Heating area is based upon a 40° temperature rise in a sealed building with an 8' ceiling.

[†]Fostoria FES-1524 is also available in 240V 1ø (Cat-Class 010-0525) and 480V 3ø (Cat-Class 010-0535) models.

INLINE HEATERS are available in 30 kW, 60 kW and 150 kW models. Both the 30 kW and 60 kW models have two stages of heat, while the 150 kW unit offers four stages of heat. All units offer a built-in thermostat to control the heat stages for desired operation. Durable steel cabinets make the heaters ideal for rental, and numerous safety features make them a great fit for temporary heating applications.



United Cool Air 60 kW
Inline Heater

Make	Model	Capacity	Amps	Voltage	Overall Dimensions	Weight	Cat-Class
United Cool Air	PIH150	150 kW	189	460 V 3ø	42"L x 34"W x 45"H	820 lbs.	010-1075
United Cool Air	PIH60	60 kW	75.3	460 V 3ø	53"L x 34"W x 45"H	520 lbs.	010-1050
United Cool Air	PIH1530	30 kW	37.7	460 V 3ø	65"L x 34"W x 45"H	410 lbs.	010-1000

HEATING

SPECIALTY HEATERS

INDUSTRIAL HEATERS are available in indirect-fired, flameless and hydronic surface models. Ranging in size from 550,000 to 4.2 million BTUs per hour, all of the units are completely self-contained and add a new versatility to the Pump & Power Services fleet.

- Clean, safe, reliable air flow
- Capable of ducting long distances with minimal loss of air pressure or outlet temperature
- Flameless heaters offer green technology, resulting in less waste and reduced operating expenses
- Most units offer temperature rise capabilities up to 180 degrees F
- Rugged, heavy duty steel construction



MAC 950F Flameless Heater
Providing heat on a construction site



MAC 750F Flameless Heater
Flameless heat for a commercial construction site



MAC 800G Indirect-Fired Heater
Freeze protection for wellheads on an oil and gas site



MAC Indirect-Fired Heater
Temporary heat on an industrial site

All of our industrial heaters include telemetrics systems. This 24/7 satellite monitoring of all self-contained heaters transmits location and maintenance information daily. This information provided to the service team allows adherence to maintenance intervals and prompt dispatch for service calls.

FLAMELESS HEATERS

Make	Model	Max BTU	CFM	Static Pressure	Fuel Type	Fuel Tank	Fuel Consumption	Overall Dimensions	Weight	Cat-Class
Therm Dynamics	TD600K	550,000	4,500	3.25" wc	#2 Diesel	200 gal.	4.7 GPH	148"L x 66"W x 78"H	3,020 lbs.	010-1750
MAC	750F	750,000	2,650-5,000	5.0" wc	#2 Diesel	160 gal.	3.55 GPH	178"L x 72"W x 80"H	4,300 lbs.	010-1850
MAC	950F	950,000	3,000-6,000	5.0" wc	#2 Diesel	160 gal.	7.1 GPH	192"L x 72"W x 85"H	5,650 lbs.	010-2050

INDIRECT-FIRED HEATERS

Make	Model	Max BTU	CFM	Static Pressure	Fuel Type	Fuel Tank	Fuel Consumption	Overall Dimensions	Weight	Cat-Class
MAC	800G	800,000	3,900	3.0" wc	#2 Diesel	175 gal.	5.7 GPH	178"L x 72"W x 88"H	4,620 lbs.	010-0263
MAC	1.2G	1,200,000	6,500	3.0" wc	#2 Diesel	270 gal.	8.6 GPH	252"L x 98"W x 97"H	7,000 lbs.	010-0273
MAC	4.2ES	4,200,000	21,000	3.0" wc	#2 Diesel	130 gal.	30 GPH	288"L x 101"W x 120"H	14,000 lbs.	010-0290

HYDRAULIC BREAKERS/DEMOLITION ATTACHMENTS

HYDRAULIC DEMOLITION BREAKERS

HYDRAULIC DEMOLITION BREAKERS are designed to be mounted on a carrier machine, such as a backhoe loader, excavator or skid-steer loader, utilizing the carrier's hydraulic system for power. Hydraulic breakers are very effective for breaking up rock, concrete and other materials.

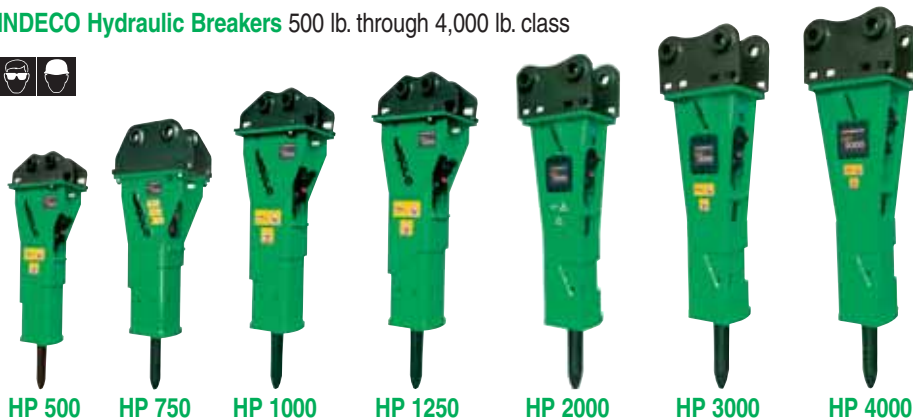


Carriers suitable for hydraulic breakers:

Backhoe Loaders (see page 45-46) Mini-Excavators (see page 109)

Hydraulic Excavators (see page 110) Skid-Steer Loaders (see page 251-255)

INDECO Hydraulic Breakers 500 lb. through 4,000 lb. class



Class	Equipment Type
500	2K-3.5K Mini-Excavator
550	6K-11K Mini-Excavator
600	16K Mini-Excavator
700	25K-35K Excavator
750	45K-50K Excavator
800	80K Excavator
900	Backhoe
1000	Skid-steer
1050	WB Skid-steer
1100	700lb. Skid-steer

Make	Model	Class	Suggested Carrier Wt	Tool Diameter	Hyd Flow Required	Hyd Pressure Required	Impact Frequency	Weight	Cat-	Class	Class	Class
INDECO	HP 500	500 lbs.	3,800-14,300 lbs.	2.0"	8-16 GPM	1,550 PSI	470-1,340 BPM	510 lbs.	005	550	1000	—
FRD	KF4	500 lbs.	7,700-11,000 lbs.	2.4"	8-13 GPM	1,450 PSI	1,000 BPM	775 lbs.	005	550	1000	—
Okada	TOP35	500 lbs.	4,400-8,800 lbs.	2.4"	9-15 GPM	1,735 PSI	1,000-1,250 BPM	494 lbs.	005	550	1000	—
INDECO	HP 750	750 lbs.	6,700-17,600 lbs.	3.0"	14-22 GPM	1,550 PSI	660-1,370 BPM	710 lbs.	005	550	1000	—
FRD	KF5SS	750 lbs.	10,000-12,000 lbs.	2.7"	11-16 GPM	1,450 PSI	900 BPM	844 lbs.	005	550	900	1000
Okada	TOP45B	750 lbs.	8,800-16,000 lbs.	2.7"	16-21 GPM	1,450 PSI	800-1,100 BPM	780 lbs.	005	550	900	1000
INDECO	HP 1000	1,000 lbs.	7,800-23,100 lbs.	3.0"	14-24 GPM	1,550 PSI	530-1,170 BPM	780 lbs.	005	550	900	1000
INDECO	HP 1250	1,250 lbs.	11,100-30,900 lbs.	4.0"	19-28 GPM	1,550 PSI	570-1,180 BPM	1,170 lbs.	005	900	—	—
FRD	KF6TLB	1,000 lbs.	12,000-14,000 lbs.	3.0"	13-40 GPM	1,450 PSI	650-1,500 BPM	700 lbs.	005	900	—	—
FRD	KF9TLB	1,500 lbs.	14,000-20,000 lbs.	3.5"	17-30 GPM	1,700 PSI	550-900 BPM	1,120 lbs.	005	900	—	—
Okada	OKB304B	1,000 lbs.	10,000-18,000 lbs.	2.9"	13-19 GPM	1,560 PSI	740-980 BPM	904 lbs.	005	900	—	—
Okada	TOP60B	1,250 lbs.	12,000-20,000 lbs.	3.3"	13-19 GPM	1,735 PSI	730-970 BPM	1,008 lbs.	005	600	900	—
INDECO	HP 2000	2,000 lbs.	26,500-48,500 lbs.	5.0"	28-35 GPM	1,700 PSI	440-1,060 BPM	2,250 lbs.	005	700	—	—
FRD	KF12QT	2,000 lbs.	20,000-31,000 lbs.	4.3"	26-35 GPM	2,320 PSI	450-900 BPM	2,409 lbs.	005	700	—	—
Okada	TOP100A	2,500 lbs.	22,000-42,000 lbs.	4.3"	21-30 GPM	2,030 PSI	550-710 BPM	2,359 lbs.	005	700	—	—
INDECO	HP 3000	3,000 lbs.	33,000-55,000 lbs.	5.0"	30-40 GPM	1,700 PSI	460-940 BPM	2,650 lbs.	005	700	—	—
INDECO	HP 4000	4,000 lbs.	35,500-61,500 lbs.	5.0"	34-43 GPM	1,700 PSI	420-870 BPM	3,320 lbs.	005	750	—	—
FRD	KF19QT	3,000 lbs.	31,000-42,000 lbs.	4.8"	27-41 GPM	2,320 PSI	400-750 BPM	3,090 lbs.	005	750	—	—
Okada	TOP200	3,500 lbs.	32,000-48,000 lbs.	4.9"	32-42 GPM	2,030 PSI	465-625 BPM	3,616 lbs.	005	700	—	—
Okada	TOP205	4,000 lbs.	40,000-60,000 lbs.	5.3"	27-34 GPM	2,030 PSI	340-700 BPM	4,000 lbs.	005	750	—	—

HYDRAULIC BREAKERS/DEMOLITION ATTACHMENTS

HYDRAULIC DEMOLITION BREAKERS, HYDRAULIC PLATE TAMPERS

HYDRAULIC DEMOLITION BREAKERS



FRD KF6TLB

1,000 lb. Class Breaker



Okada TOP200

3,000 lb. Class Breaker

HYDRAULIC PLATE TAMPERS are boom-mounted plate compactors that expand the versatility of backhoe loaders and excavators. They perform a variety of compaction and driving applications in trenches and excavations, often keeping crews safely out of the trench.

- Compacts soil in trenches and excavations
- Drives sheeting for retaining walls
- Quick-attach mounting options

Carriers suitable for hydraulic plate tampers:

Backhoe Loaders (see page 45-46)

Mini-Excavators (see page 109)

Hydraulic Excavators (see page 110)



Okada OAC200

6,500 lbs. Impact Force



INDECO IHC-65

6,700 lbs. Impact Force



FRD KHP65TLB

6,500 lbs. Impact Force



Make	Model	Impact Force	Plate Size	Suggested Carrier Wt	Hyd Flow Required	Hyd Pressure Required	Impact Frequency	Weight	Cat-Class
INDECO	IHC-65	6,700 lbs.	23" x 26"	9,000–18,000 lbs.	20 GPM	2,000 PSI	2,100 BPM	790 lbs.	005-0210
FRD	KHP65TLB	6,500 lbs.	24" x 34"	9,000–18,000 lbs.	16 GPM	2,000 PSI	2,000 BPM	840 lbs.	005-0210
Okada	OAC200	6,500 lbs.	23" x 34"	9,000–18,000 lbs.	20 GPM	2,000 PSI	2,000 BPM	840 lbs.	005-0210
INDECO	IHC-130	15,250 lbs.	23" x 32"	17,000–48,000 lbs.	24 GPM	2,000 PSI	2,100 BPM	1,500 lbs.	005-0211
FRD	KHP135	13,500 lbs.	28" x 40"	17,000–48,000 lbs.	30 GPM	2,000 PSI	2,000 BPM	1,335 lbs.	005-0211
Okada	OAC300	13,500 lbs.	28" x 44"	17,000–48,000 lbs.	30 GPM	2,200 PSI	2,000 BPM	1,500 lbs.	005-0211

HYDRAULIC CYLINDERS & PUMPS

GENERAL PURPOSE CYLINDERS, LOW HEIGHT CYLINDERS

SINGLE-ACTING GENERAL PURPOSE CYLINDERS

are available in capacities from 10 to 150 ton.

- RC-series general purpose cylinders
- RCA-series lightweight aluminum cylinders
- CLSG-series high-tonnage cylinders



RC-series cylinders are equipped with hardened removable grooved saddles. (For other saddle and accessory options, see page 164)

Make	Model	Capacity	Stroke	Collapsed Height	Extended Height	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	RC-102	10 ton	2.13"	4.78"	6.91"	2.25"	P-392	5 lbs.	088-0015
Enerpac	RC-104	10 ton	4.13"	6.75"	10.88"	2.25"	P-392	7 lbs.	088-0017
Enerpac	RC-106	10 ton	6.13"	9.75"	15.88"	2.25"	P-392	10 lbs.	088-0019
Enerpac	RC-108	10 ton	8.00"	11.75"	19.75"	2.25"	P-392	12 lbs.	088-0021
Enerpac	RC-1010	10 ton	10.13"	13.75"	23.88"	2.25"	P-392	14 lbs.	088-0023
Enerpac	RC-252	25 ton	2.00"	6.50"	8.50"	3.38"	P-80	14 lbs.	088-0047
Enerpac	RC-254	25 ton	4.00"	8.50"	12.50"	3.38"	P-80	18 lbs.	088-0049
Enerpac	RC-256	25 ton	6.25"	10.75"	17.00"	3.38"	P-80	22 lbs.	088-0051
Enerpac	RC-2510	25 ton	10.25"	14.75"	25.00"	3.38"	P-80	31 lbs.	088-0055
Enerpac	RC-2514	25 ton	14.25"	18.75"	33.00"	3.38"	P-80	39 lbs.	088-0059
Enerpac	RC-504	50 ton	4.00"	8.94"	12.94"	5.00"	P-462	42 lbs.	088-0065
Enerpac	RCA-504	50 ton	4.00"	8.97"	12.97"	5.88"	P-462	27 lbs.	088-0085
Enerpac	RC-506	50 ton	6.25"	11.13"	17.38"	5.00"	P-462	51 lbs.	088-0067
Enerpac	RC-1006	100 ton	6.63"	14.06"	20.69"	7.00"	P-462	130 lbs.	088-0075
Enerpac	RC-10010	100 ton	10.25"	17.69"	27.94"	7.00"	P-462	160 lbs.	088-0077
Enerpac	CLSG-1502	150 ton	1.97"	7.72"	9.69"	8.07"	P-462	86 lbs.	088-0275
Enerpac	CLSG-1510	150 ton	9.84"	15.59"	25.43"	8.07"	P-462	203 lbs.	088-0283

SINGLE-ACTING LOW HEIGHT CYLINDERS are ideal for use in confined spaces, available in capacities from 5 to 150 ton.

- RSM-series Flat-Jac® cylinders
- RCS-series Low Height cylinders



Note: Call 855-260-6726 for any capacities not listed.

Make	Model	Capacity	Stroke	Collapsed Height	Extended Height	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	RSM-50	5 ton	.25"	1.28"	1.53"	2.31" x 1.63"	P-392	2 lbs.	088-0103
Enerpac	RSM-100	10 ton	.44"	1.69"	2.13"	3.25" x 2.19"	P-392	3 lbs.	088-0105
Enerpac	RCS-101	10 ton	1.50"	3.47"	4.97"	2.75"	P-392	9 lbs.	088-0119
Enerpac	RSM-200	20 ton	.44"	2.03"	2.47"	4.00" x 3.00"	P-80	7 lbs.	088-0107
Enerpac	RCS-201	20 ton	1.75"	3.88"	5.63"	3.63"	P-392	11 lbs.	088-0121
Enerpac	RSM-300	30 ton	.50"	2.31"	2.81"	4.63" x 3.75"	P-80	10 lbs.	088-0109
Enerpac	RCS-302	30 ton	2.44"	4.63"	7.06"	4.00"	P-80	15 lbs.	088-0123
Enerpac	RSM-500	50 ton	.63"	2.63"	3.25"	5.50" x 4.50"	P-462	15 lbs.	088-0111
Enerpac	RCS-502	50 ton	2.38"	4.81"	7.19"	4.88"	P-462	24 lbs.	088-0125
Enerpac	RSM-1000	100 ton	.63"	3.38"	4.00"	7.00" x 6.00"	P-462	32 lbs.	088-0115
Enerpac	RCS-1002	100 ton	2.25"	5.56"	7.81"	6.50"	P-462	50 lbs.	088-0127
Enerpac	RSM-1500	150 ton	.63"	3.94"	4.56"	8.50" x 7.50"	P-462	58 lbs.	088-0117

HYDRAULIC CYLINDERS & PUMPS

HOLLOW PLUNGER, LOCK NUT, DOUBLE-ACTING, PULL CYLINDERS

HOLLOW PLUNGER CYLINDERS provide extra versatility in testing, maintenance and tensioning applications by allowing both pull and push forces. Capacities from 12 to 60 ton are available.



RCH-series cylinders are equipped with smooth saddles. (For other saddle and accessory options, see page 164)



Make	Model	Capacity	Stroke	Collapsed Height	Extended Height	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	RCH-121	12 ton	1.63"	4.75"	6.38"	2.75"	P-392	6 lbs.	088-0131
Enerpac	RCH-202	20 ton	1.63"	4.75"	6.38"	2.75"	P-392	6 lbs.	088-0137
Enerpac	RCH-603	60 ton	3.00"	9.75"	12.75"	6.25"	P-462	62 lbs.	088-0144
Enerpac	RCH-606	60 ton	6.00"	12.75"	18.75"	6.25"	P-462	78 lbs.	088-0146

LOCK NUT CYLINDERS feature a safety lock nut to secure loads mechanically. Capacities from 50 to 200 tons are available.



Note: Call 855-260-6726 for any capacities not listed.

Make	Model	Capacity	Stroke	Collapsed Height	Extended Height	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	CLL-502	50 ton	1.97"	6.46"	8.43"	4.92"	P-80	35 lbs.	088-0502
Enerpac	CLL-506	50 ton	5.91"	10.39"	16.30"	4.92"	P-80	57 lbs.	088-0506
Enerpac	CLL-5012	50 ton	11.81"	16.30"	28.11"	4.92"	P-462	90 lbs.	088-0512
Enerpac	CLL-1002	100 ton	1.97"	7.36"	9.33"	6.50"	P-462	68 lbs.	088-0514
Enerpac	CLL-1006	100 ton	5.91"	11.30"	17.20"	6.50"	P-462	106 lbs.	088-0518
Enerpac	CLL-10012	100 ton	11.81"	17.20"	29.02"	6.50"	P-462	162 lbs.	088-0524
Enerpac	CLL-2006	200 ton	5.91"	13.50"	19.41"	9.25"	P-462	260 lbs.	088-0540

DOUBLE-ACTING CYLINDERS provide both push and pull capabilities for extra versatility. Capacities from 10 to 150 ton are available.

- Double-acting cylinders must be powered by a pump equipped with a 4-way valve



Make	Model	Capacity	Stroke	Max Push	Max Pull	Collapsed Height	Extended Height	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	RR-1010	10 ton	10.00"	11 ton	4 ton	16.13"	26.13"	2.88"	P-84	28 lbs.	088-0171
Enerpac	RR-506	50 ton	6.13"	55 ton	17 ton	13.06"	19.19"	5.00"	P-84	67 lbs.	088-0179
Enerpac	RR-5020	50 ton	20.13"	55 ton	17 ton	28.88"	49.00"	5.00"	P-464	150 lbs.	088-0183
Enerpac	RR-1502	150 ton	2.25"	153 ton	74 ton	7.72"	9.96"	8.00"	P-464	110 lbs.	088-0190
Enerpac	RR-1506	150 ton	6.13"	153 ton	74 ton	15.19"	21.31"	8.00"	P-464	205 lbs.	088-0197

PULL CYLINDERS provide the ultimate in pulling power in a variety of applications, available in two sizes.



Make	Model	Capacity	Stroke	Collapsed Height	Extended Height	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	BRP-306	30 ton	6.10"	42.72"	48.82"	5.39"	P-80	106 lbs.	088-0585
Enerpac	BRP-606	60 ton	5.98"	28.34"	34.32"	5.51"	P-80	118 lbs.	088-0586

HYDRAULIC CYLINDERS & PUMPS

HYDRAULIC MAINTENANCE SETS, ACCESSORIES, HAND PUMPS

HYDRAULIC MAINTENANCE SETS (53-piece) include a hand hydraulic pump, (3) hydraulic cylinders and a complete assortment of accessories suitable for performing a wide variety of maintenance applications, including pushing, pulling, lifting, pressing, straightening, spreading and clamping. Set weighs 350 lbs. Enerpac MS2-1020 (Cat-Class 088-0720)

- (2) 10-ton and (1) 25-ton RC-series cylinders
- P-392 hydraulic hand pump
- 6' high-pressure hydraulic hose, pressure gauge and adapter
- Assortment of threaded adapters, collar toes, flat bases, clamp toes, saddles, spreaders, pulling chains, lock-on adapters and other accessories

Note: A 22-piece starter set is also available. Set weighs 105 lbs. Enerpac MSFP-10



Enerpac MS2-1020 53-piece Hydraulic Maintenance Set

HYDRAULIC ACCESSORIES are available to extend the application capabilities of cylinders:

- Flat/threaded, grooved and tilt saddles to accommodate special applications
- Base plates to increase cylinder stability
- Mounting blocks and clevis eyes
- Pressure gauges and adapters to minimize the risk of overloading components
- Hydraulic couplers
- High-pressure hydraulic hose (available in 6', 10' and 20' lengths)



Hydraulic Coupler



Flat/Threaded Saddle



Grooved Saddle



Tilt Saddle



Hydraulic Hose



Base Plate



Mounting Block



Pressure Gauge

HYDRAULIC HAND PUMPS are designed for use with various types of Enerpac hydraulic cylinders. All models feature a two-stage (2-speed) design to provide rapid advance of cylinder plunger to contact load. Also speeds up operation of multiple cylinder hook-ups. To match a hand pump to a particular hydraulic cylinder or determine the operating speed for a specific pump, refer to the spec and speed charts. (see page 165)

- Two-speed operation for reduced operator fatigue
- P-84 and P-464 models feature a manual 4-way control valve to accommodate double-acting systems
- A 7-port hydraulic manifold is available (Cat-Class 150-0927)



4-Way Valve

Models P-84 and P-464 feature a manual 4-way control valve, which is needed to operate double-acting cylinders



HYDRAULIC CYLINDERS & PUMPS

HAND PUMPS, ELECTRIC PUMPS

HYDRAULIC HAND PUMPS



Hand Pump General Specifications

Make	Model	Type	Usable Oil Capacity	PSI Rating 1st Stage/2nd Stage	Max Handle Effort	Stroke	Weight	Cat-Class
Enerpac	P-392	2-speed Lightweight Composite	55 cu. in.	200/10,000	93 lbs.	1.00"	9 lbs.	088-0591
Enerpac	P-80	2-speed Steel	134 cu. in.	350/10,000	104 lbs.	1.00"	24 lbs.	088-0595
Enerpac	P-84	2-speed Steel w/4-way valve	134 cu. in.	350/10,000	104 lbs.	1.00"	29 lbs.	088-0600
Enerpac	P-462	2-speed Steel	453 cu. in.	200/10,000	110 lbs.	1.50"	61 lbs.	088-0603
Enerpac	P-464	2-speed Steel w/4-way valve	453 cu. in.	200/10,000	110 lbs.	1.50"	61 lbs.	088-0605

Hand Pump Speed Chart

Model	Number of Pump Handle Strokes per inch of Cylinder Plunger Travel (No load/Load)							
	5-ton Cyl	10-ton Cyl	15-ton Cyl	25-ton Cyl	30-ton Cyl	50-ton Cyl	75-ton Cyl	100-ton Cyl
P-392	2/7	4/15	5/21	8/34	10/43	16/73	24/105	30/137
P-80	1/7	2/15	3/21	5/34	7/43	11/73	16/105	21/137
P-84	1/7	2/15	3/21	5/34	7/43	11/73	16/105	21/137
P-462	1/3	1/8	1/11	1/18	1/23	2/38	2/55	3/71
P-464	1/3	1/8	1/11	1/18	1/23	2/38	2/55	3/71

ELECTRIC PUMPS are best suited for powering medium to large cylinders and hydraulic tools. They provide high-speed operation and are designed for intermittent duty cycles. All models feature 115V operation. To determine the operating speed for a specific electric pump, see chart below.

- Coaxial piston design provides high performance in a lightweight, compact package
- 24V DC remote control pendant with 10' cord
- Externally adjustable relief valve allows easy control of operating pressure
- 10,000 PSI maximum operating pressure



Electric Pump General Specifications

Make	Model	Valve Type	Valve Function	Cylinder Type	Usable Oil Capacity	Weight	Cat-Class
Enerpac	PUD-3309B	Dump and hold	Advance/Hold/Retract	Single-acting	2.4 gal.	71 lbs.	088-0650
Enerpac	ZU4208SB	Dump and hold	Advance/Retract	Single-Acting	2.0 gal.	69 lbs.	088-0650
Enerpac	PUD-3320BR	Dump and hold	Advance/Hold/Retract	Single-Acting	5.0 gal.	109 lbs.	088-0660
Enerpac	PUR-3409B	VSP-424 4-way solenoid	Advance/Hold/Retract	Double-Acting	2.4 gal.	84 lbs.	088-0670
Enerpac	ZU4408SB	VE43 4-way solenoid	Advance/Hold/Retract	Double-Acting	2.0 gal.	85 lbs.	088-0670

Electric Pump Speed Chart

Model	Seconds per Inch of Cylinder Plunger Travel (No load/Load)							
	5-ton Cyl	10-ton Cyl	15-ton Cyl	25-ton Cyl	30-ton Cyl	50-ton Cyl	75-ton Cyl	100-ton Cyl
PUD-3309B	.09/1.0	.22/2.2	.31/3.1	.50/5.2	.63/6.5	1.1/11.1	1.6/15.9	2.0/20.6
ZU4208DB	.08/1.0	.19/2.2	.27/3.1	.44/5.2	.56/6.5	.95/11.0	1.36/15.9	1.77/20.6
PUR-3409B	.09/1.0	.22/2.2	.31/3.1	.50/5.2	.63/6.5	1.1/11.1	1.6/15.9	2.0/20.6
ZU4408SB	.08/1.0	.19/2.2	.27/3.1	.44/5.2	.56/6.5	.95/11.0	1.36/15.9	1.77/20.6
PUD-3320BR	.09/1.0	.22/2.2	.31/3.1	.50/5.2	.63/6.5	1.1/11.1	1.6/15.9	2.0/20.6

HYDRAULIC TOOLS

PUNCH SETS, CUTTERHEADS, NUT SPLITTERS

HYDRAULIC PUNCH SETS feature a 35-ton capacity and are ideal for punching holes in steel plates up to 1/2" thick using standard punch and die sets, at production rates much faster than drilling. Includes four standard punch and die sets. Powered by a separate hand or electric pump. Set weighs 40 lbs. Enerpac SP-35S (Cat-Class 088-0750)

- Single-acting, spring return design
- Includes punch and die changeover tools and female coupler
- Four standard round punch and die sets included (see chart below)
Square and oblong sets are also available by special order
- 10,000 PSI maximum operating pressure
- Hydraulic pump and hoses are rented separately



Enerpac SP-35S 35-ton Hydraulic Punch Set

Punch and Die Set Specifications

Model	Hole Size (in.)	Bolt Size (in.)	Max Allowable Material Thickness to be Punched (inches)*										
			A	B	C	D	E	F	G	H	I	J	K
SPD-438	.44	3/8	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31
SPD-563	.56	1/2	.50	.50	.50	.44	.50	.44	.25	.38	.44	.44	.44
SPD-688	.69	5/8	.50	.50	.50	.44	.50	.40	.25	.31	.40	.40	.40
SPD-813	.81	3/4	.50	.50	.50	.44	.50	.31	.19	.31	.31	.31	.31

*MATERIAL TYPES:

A: Mild A-7 C: Structural A-36 E: Cold Rolled C-1018 G: Hot Rolled C-1095 I: Stainless Annealed K: Stainless 316 Cold Rolled
B: Boiler Plate D: Struct Corten (ASTM A242) F: Hot Rolled C-1050 H: Hot Rolled C-1095 Annealed J: Stainless 304 Hot Rolled

HYDRAULIC CUTTERHEADS are designed for fast cutting of wire rope, round bar, wire strand and cable. They feature guillotine action for efficient operation.

- Single-acting, spring return design
- 10,000 PSI max operating pressure
- Hand or electric hydraulic pump and hoses are rented separately
- WHC-4000 model is designed specifically for cutting telephone and underground power cable



Make	Model	Capacity	Length	Max Cutting Capacities (inches)**											Weight	Cat-Class
				A	B	C	D	E	F	G	H	I	J	K		
Enerpac	WHC-1250	20 ton	11"	1.25	1.13	1.25	1.13	1.00	1.25	1.25	1.25	.88	•	•	25 lbs.	088-0785
Enerpac	WHC-2000	13 ton	15"	1.00	1.25	1.25	.88	•	2.00	2.00	2.00	.75	•	2.00	23 lbs.	088-0790
Enerpac	WHC-4000	8 ton	24"	•	•	•	•	•	•	•	•	•	4.00	4.00	32 lbs.	088-0795

*MATERIAL TYPES: • Will not cut this material

A: Steel Wire Rope, Hemp-core B: Copper Wire or Bar D: Soft Steel Bolts F: Bare Copper Wire Strands H: ACSW Wire Strands J: Telephone Cable CPP
or IWRC 6x7, 6x12, 6x19 C: Aluminum Wire or Bar E: Reinforcing Bar G: Bare Aluminum Wire Strands I: Guy Steel Wire Strands K: Underground Cable (Power)

HYDRAULIC NUT SPLITTERS are ideal for cutting nuts in applications including machinery repair, industrial piping, tank cleaning, petrochemical, steel construction and mining. They feature a compact ergonomic design that is easy to operate.

- Unique angled head allows flush access
- Single-acting, spring return cylinder
- Hydraulic pump and hoses are rented separately



Make	Model	Capacity	Hexagon Nut Range	Bolt Range	Overall Length	Outside Diameter	Matching Hand Pump	Weight	Cat-Class
Enerpac	NC-2432	15 ton	0.94-1.13"	0.63-0.88"	10.24"	2.60"	P-392	7 lbs.	088-9005
Enerpac	NC-3241	20 ton	1.13-1.56"	0.88-1.13"	11.26"	2.95"	P-392	10 lbs.	088-9007
Enerpac	NC-4150	35 ton	1.56-2.00"	1.13-1.38"	12.80"	3.78"	P-392	19 lbs.	088-9009
Enerpac	NC-5060	50 ton	2.00-2.25"	1.38-1.50"	14.41"	4.17"	P-392	26 lbs.	088-9011

HYDRAULIC TOOLS

WEDGIE SPREADERS, FLANGE SPREADERS, PRYING TOOLS

HYDRAULIC WEDGIE SPREADERS are ideal for spreading and positioning heavy objects, powered by hand or electric hydraulic pumps.

- Single-acting, spring return design
- WR-5 is a compact model for working in confined spaces
- WR-15 is for long stroke spreading applications
- 10,000 PSI maximum operating pressure
- Hydraulic pump and hoses are rented separately



Make	Model	Capacity	Min Tip Clearance	Max Tip Spread	Overall Length	Matching Hand Pump	Weight	Cat-Class
Enerpac	WR-5	1 ton	0.38"	3.70"	8.78"	P-80	5 lbs.	088-0770
Enerpac	WR-15	.75 ton	1.26"	11.50"	21.65"	P-80	25 lbs.	088-0775

HYDRAULIC FLANGE SPREADERS are ideal for spreading pipe flanges in a wide range of industrial and construction applications.

- FS-Series spreaders feature adjustable jaw widths using a steel pin that is placed through a stud hole in the flange for leverage. Includes a single-acting, spring return cylinder and a 0.13"–1.13" standard wedge
- FSH-14 model features an integrated wedge design that helps prevent flange damage. Includes a safety block and utilizes a single-acting, spring return cylinder
- Flange alignment tool available Enerpac ATM-3 (Cat-Class 088-9035)



Enerpac FS-56



Enerpac FSH-14



Make	Model	Capacity	Max Flange Thickness	Stud Size	Jaw Width Range	Spread Range	Matching Hand Pump	Weight	Cat-Class
Enerpac	FS-56	5 ton	2" x 2.25"	0.75–1.13"	2.75–6.10"	N/A	P-392	26 lbs.	088-9020
Enerpac	FS-109	10 ton	2" x 3.63"	1.25–1.63"	4.10–8.50"	N/A	P-392	40 lbs.	088-9025
Enerpac	FSH-14	14 ton	N/A	N/A	N/A	0.24–3.16"	P-392	16 lbs.	088-9030

PETOL™ POP-IT™ FLANGE SPREADER

& PRYING TOOLS are available in two sizes which are extremely easy to use, durable, and capable of delivering an incredible amount of force. Simply insert the toes and turn the ratchet handle. This unique and versatile product is rapidly gaining popularity in a wide range of industries including petrochemical, refining, pipeline, power generating, as well as emergency rescue.

Model	Min Spread	Max Spread	Capacity	Weight	Cat-Class
P95-525	1/16"	5-1/4"	10,000 lbs.	11 lbs.	088-9040
PHD0535	1/2"	5-1/2"	30,000 lbs.	33 lbs.	088-9050
PHD0535	3"	8-1/2"	20,000 lbs.	33 lbs.	088-9050



P95-525



PHD0535

HYDRAULIC TOOLS

HYDRAULIC TORQUE WRENCHES, TORQUE WRENCH PUMPS

HYDRAULIC SQUARE DRIVE TORQUE WRENCHES feature lightweight design and high performance. They are utilized to drive both sockets and Allen-keys. All models include a 360° swivel hose coupler, a square drive and a reaction arm.

- Very high torque-to-weight ratio
- High-speed, double-acting operation
- High degree of rotation angle for increased productivity
- Never-jam mechanism
- Optional Allen-key drives available
- Powered by an electric hydraulic pump



360° swivel hose connection allows easy access in all positions.

Make	Model	Drive	Max Torque	Socket Range	Weight	Cat-Class
Enerpac	SQD-25-I	3/4"	1,735 ft. lbs.	11/16"-1-7/8"	6 lbs.	090-0090
Enerpac	SQD-50-I	1"	3,550 ft. lbs.	7/8"-3-7/8"	9 lbs.	090-0100
Enerpac	SQD-100-I	1-1/2"	7,360 ft. lbs.	1-5/8"-4-3/4"	18 lbs.	090-0110
Hytorc	HY-1MXT	3/4" square	1,390 ft. lbs.	1-1/4"-2-3/16"	4.45 lbs.	090-0601
Hytorc	EDGE-2	3/4" square	1,244 ft. lbs.	1-1/4"-2-3/16"	4.45 lbs.	090-0601
Hytorc	HY-3MXT	1" square	3,280 ft. lbs.	1-13/16"-2-15/16"	9.95 lbs.	090-0602
Hytorc	EDGE-4	1" square	3,067 ft. lbs.	1-13/16"-2-15/16"	9.90 lbs.	090-0602
Hytorc	EDGE-8	1-1/2" square	8,518 ft. lbs.	2-3/16"-3-7/8"	22.55 lbs.	090-0603
Hytorc	HY-10MXT	1-1/2" square	11,520 ft. lbs.	2-9/16"-4-5/8"	29.50 lbs.	090-0604



Select the Right Torque

Use the "untightening rule of thumb":
Loosening torque equals about 250% of tightening torque.



Use the Right Sockets

Use only heavy-duty impact sockets for power driven torquing equipment, according to ISO 2725 and ISO 1174; DIN 3129 and DIN 3121; or ASME-B107.2/1995.

ELECTRIC TORQUE WRENCH PUMPS are ideal companions for SQD-Series and HXD-Series hydraulic torque wrenches. They feature a powerful two-speed pump that is both lightweight and easy to carry. Includes remote control pendant. 115V operation. Unit weighs 53 lbs. Enerpac PMU-10427 (Cat-Class 090-0005). Hytorec JetPro HY-115 (Cat-Class 090-0010).

- Heat exchanger keeps pump cool under extreme usage
- Glycerine-filled pressure gauge with transparent overlays for quick torque reference on Enerpac hydraulic torque wrenches
- Adjustable pressure relief valve for accurate torque adjustments and precise repeatability



Make	Model	Max Torque	Socket Range	Weight	Cat-Class
Hytorc	HY-115	20,000	3/4"-2-1/2"	60 lbs.	090-0005
Hytorc	JetPro-115	10,000	3/4"-1-1/2"	45 lbs.	090-0600
Hytorc	JetPro-S-115	10,000	3/4"-1-1/2"	45 lbs.	090-0600



Hytorec JetPro HY-115
Torque Wrench Pump



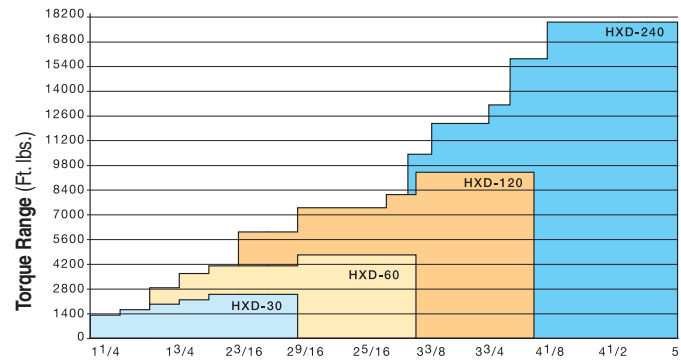
Enerpac PMU-10427
Torque Wrench Pump

HYDRAULIC TOOLS

HYDRAULIC TORQUE WRENCHES

HEXAGON CASSETTE TORQUE WRENCHES feature a slim nose radius and flat design for easy access in all positions. They utilize snap-in, interchangeable cassettes that require no tools. Four sizes of torque wrenches are available, plus several sizes of imperial cassettes and reducer inserts.

- High torque-to-weight ratio
- High-speed operation with high degree of rotation angle
- 360° swivel base connection aids use in confined spaces
- High repeatability, with $\pm 3\%$ accuracy
- Strong unibody design with integrated reaction arm and few moving parts
- Powered by an electric hydraulic pump
- Wide selection of imperial cassettes and reducer inserts



Hexagon Cassette Size Range (Inches)

Enerpac HXD-Series Interchangeable Cassette Selection



Cassette w/Reducer Insert & Holding Ring



Twin Safety Hoses



Cassette w/Drive Unit



Enerpac HXD-30 Hydraulic Torque Wrench
Working in a turbine application—the slim nose and swivel couplers allow easy access in all positions

Imperial Cassette Specifications

Make	Model	Matching Driver	Hex Size (Basic)	Hex Sizes (w/Reducers)	Max Torque	Nose Radius	Weight	Cat-Class
Enerpac	CC-3125	HXD-30	1-1/4"	N/A	1,250 ft. lbs.	1.12"	1.2 lbs.	090-0210
Enerpac	CC-3181	HXD-30	1-13/16"	1-5/8"/1-7/16"	2,130 ft. lbs.	1.52"	1.8 lbs.	090-0215
Enerpac	CC-3238	HXD-30	2-3/8"	2-3/16"/2"	2,425 ft. lbs.	1.87"	2.3 lbs.	090-0220
Enerpac	CC-6181	HXD-60	1-13/16"	1-5/8"	3,540 ft. lbs.	1.56"	2.9 lbs.	090-0311
Enerpac	CC-12256	HXD-120	2-9/16"	2-3/8"/2-3/16"	7,225 ft. lbs.	2.07"	6.1 lbs.	090-0412
Enerpac	CC-12300	HXD-120	3"	2-3/4"/2-9/16"	7,225 ft. lbs.	2.26"	6.3 lbs.	090-0415
Enerpac	CC-12375	HXD-120	3-3/4"	3-1/2"/3-3/8"	9,220 ft. lbs.	2.78"	8.2 lbs.	090-0419
Enerpac	CC-12388	HXD-120	3-7/8"	3-1/2"/3-3/8"	9,220 ft. lbs.	2.89"	8.3 lbs.	090-0420
Enerpac	CC-24313	HXD-240	3-1/8"	2-15/16"/2-3/4"	17,860 ft. lbs.	3.30"	11.2 lbs.	090-0410
Enerpac	CC-24425	HXD-240	4-1/4"	3-7/8"/3-3/4"	17,860 ft. lbs.	3.30"	14.9 lbs.	090-0516
Enerpac	CC-24500	HXD-240	5"	4-5/8"/4-1/4"	17,860 ft. lbs.	3.78"	16.3 lbs.	090-0518

HYDRAULIC TOOLS

TORQUE WRENCHES, PNEUMATIC TORQUE WRENCHES

HEXAGON CASSETTE TORQUE WRENCHES

feature a slim nose radius and flat design for easy access in all positions.



Hytorc-XLCT 3,855 ft. lbs. Max Torque



Hytorc-XLCT 3,855 ft. lbs. Max Torque

Torque Wrench Driver Specifications

Make	Model	Max Torque (@ 10,000 PSI)	Cassette Range	Overall Length	Wrench Thickness	Weight	Cat-Class
Hytorc	4XLCT-200	3,855 ft. lbs.	2"	10.15"	1.63"	5.50 lbs.	090-0200
Hytorc	4XLCT-203	3,855 ft. lbs.	2-3/16"	10.15"	1.63"	6.25 lbs.	090-0200
Hytorc	4XLCT-206	3,855 ft. lbs.	2-3/8"	10.15"	1.63"	6.75 lbs.	090-0200
Hytorc	4XLCT-209	3,855 ft. lbs.	2-9/16"	10.15"	1.63"	7.50 lbs.	090-0200
Hytorc	4XLCT-2012	3,855 ft. lbs.	2-3/4"	10.15"	1.63"	8.25 lbs.	090-0200
Hytorc	4XLCT-2015	3,855 ft. lbs.	2-15-16"	10.15"	1.63"	9.00 lbs.	090-0200
Hytorc	ST-4-206	4,020 ft. lbs.	2-3/8"	9.48"	1.66"	8.75 lbs.	090-0200
Hytorc	HY-4XLT	3,855 ft. lbs.	1"-3-3/4"	10.06"	2.58"	4.25 lbs.	090-0300
Hytorc	ST-4	4,020 ft. lbs.	1"-3-3/4"	6.58"	1.66"	4.50 lbs.	090-0300
Hytorc	ST-8	7,984 ft. lbs.	1-1/4"-4-5/8"	8.00"	2.08"	8.75 lbs.	090-0300
Hytorc	ST-4-113	4,020 ft. lbs.	1-13/16"	9.41"	1.66"	5.00 lbs.	090-0320
Enerpac	HXD-120	9,220 ft. lbs.	2-3/16"-3-7/8"	11.65"	2.56"	16 lbs.	090-0400
Enerpac	HXD-240	17,860 ft. lbs.	3-1/8"-5"	15.12"	3.22"	29 lbs.	090-0500

PNEUMATIC TORQUE WRENCHES are designed to deliver powerful, accurate and safe torque loads for industrial and construction applications..



RAD Torque Systems 10GX
3/4" Square Drive



RAD Torque Systems 25GX
1" Square Drive



RAD Torque Systems 50
1-1/2" Square Drive



RAD Torque Systems 85GX
1-1/2" Square Drive



Make	Model	Drive Size	Torque (low-high)	RPM	Noise Level	Weight	Cat-Class
RAD Torque Systems	350SL	3/4" square/pistol	50-350 ft. lbs.	65 RPM	80 db	6 lbs.	002-0805
RAD Torque Systems	10GX	3/4" square/pistol	200-1,000 ft. lbs.	20 RPM	80 db	8 lbs.	002-0810
RAD Torque Systems	15DX	1" square/pistol	300-1,500 ft. lbs.	10 RPM	80 db	8.6 lbs.	002-0815
RAD Torque Systems	25GX	1" square/pistol	500-2,500 ft. lbs.	9 RPM	80 db	13.5 lbs.	002-0820
RAD Torque Systems	34GX	1" square/pistol	1,000-3,400 ft. lbs.	12 RPM	80 db	20 lbs.	002-0825
RAD Torque Systems	50	1-1/2" square/pistol	1,500-5,000 ft. lbs.	8 RPM	80 db	28 lbs.	002-0830
RAD Torque Systems	60DX	1-1/2" square/pistol	2,000-6,000 ft. lbs.	6.6 RPM	80 db	27.6 lbs.	002-0835
RAD Torque Systems	85GX	1-1/2" square/pistol	3,000-8,500 ft. lbs.	4.5 RPM	80 db	38.5 lbs.	002-0840

HYDRAULIC TOOLS

TORQUE WRENCHES, STRIKING WRENCHES & ADAPTERS

TORQUE WRENCHES AND MULTIPLIERS feature a slim nose radius and flat design for easy access in all positions. They utilize snap-in, interchangeable cassettes that require no tools. Four sizes of torque wrenches are available, plus several sizes of imperial cassettes and reducer inserts.

Wright Tool 6448
3/4" Drive Torque Wrench

Wright Tool 8447
1" Drive Torque Wrench

Wright Tool 9S292
2200 ft. lb. Multiplier
3.5:1 Torque Ratio



Proto 6212
1200 ft. lb. Multiplier
6:1 Torque Ratio

Proto 6222
2200 ft. lb. Multiplier
13.6:1 Torque Ratio



Make	Model	Max Torque (@ 11,600 PSI)	Cassette Range	Overall Length	Wrench Thickness	Weight	Cat-Class
Enerpac	HXD-30	2,425 ft. lbs.	1-1/4"-2-3/8"	7.67"	1.57"	5 lbs.	090-0200
Enerpac	HXD-60	4,565 ft. lbs.	1-5/8"-3-1/8"	9.09"	1.97"	8 lbs.	090-0300
Enerpac	HXD-120	9,220 ft. lbs.	2-3/16"-3-7/8"	11.65"	2.56"	16 lbs.	090-0400
Enerpac	HXD-240	17,860 ft. lbs.	3-1/8"-5"	15.12"	3.22"	29 lbs.	090-0500

STRIKING WRENCHES are available in both flat and offset designs to accommodate a wide range of applications.



Flat Striker Wrenches

Offset Striker Wrench

IMPACT WRENCH ADAPTERS and accessories for air impact wrenches including male/female, female/female, and male/male adapters; extensions; and universal joints.



Air Impact Adapters & Accessories

INDUSTRIAL VEHICLES

GOLF CARTS, ELECTRIC MATERIAL CARTS, UTILITY VEHICLES



E-Z Go Hauler 800X 4x2 two-seat



Shuttle 4 4x2 four-seat

GOLF CARTS are the perfect choice to move people and material around any factory or warehouse. Reliable, durable and energy-efficient, there's a Cushman E-Z Go vehicle to meet any facility need.

Make	Model	Type	Capacity	Overall Width	Power Source	Weight	Cat-Class
Cushman	Hauler 800X	4x2	800 lbs.	48.5"	gas	850 lbs.	059-300
Cushman	Shuttle 4	4x2	1,200 lbs./1,198 lbs.	48.5"	gas	936 lbs./1,210 lbs.	059-303
Cushman	Shuttle 4X	4x2	800 lbs.	48.5"	gas/electric 48V	910 lbs./1,050 lbs.	059-305
Cushman	Shuttle 6	4x2	1,200 lbs./1,198 lbs.	48.5"	gas/electric 48V	936 lbs./1,210 lbs.	059-310
Cushman	Shuttle 8	4x2	1,600 lbs.	49.5"	gas/electric 48V	1,265 lbs./1,632 lbs.	059-310
Cushman	Shuttle 2	4x2	1,200 lbs./ 1,000 lbs.	48.5"	gas/electric 48V	891 lbs./1,210 lbs.	059-315



Cushman 4-wheel Electric Cart



Cushman 3-wheel Electric Cart

ELECTRIC MATERIAL CARTS are ideal for transporting people and cargo on finished surfaces in convention centers, warehouses and many other commercial and industrial applications. Both 3-wheel and 4-wheel models are available, each featuring built-in 115V battery chargers.

Make	Model	Type	Capacity	Overall Width	Power Source	Weight	Cat-Class
Cushman	Titan XD	4-wheel	2,500 lbs.	44.5"	electric 48V	1,720 lbs.	059-400
Cushman	Minute Miser	3-wheel	3,000 lbs.	30"	electric 24V	690 lbs.	059-405

UTILITY VEHICLES feature rugged construction, a low center of gravity, excellent traction and low ground pressure for outstanding performance moving people and cargo on any type of terrain at up to 25 MPH ground speeds. 4x2 (gas), 4x4 (gas and diesel) models are available.



Kubota RTV500 4x4 All Terrain (Gas)



John Deere HPXD 4x4 (Gas) two-seat



John Deere XUV550 4x4 (Diesel) four-seat

Make	Model	Type	Capacity	Overall Width	Power Source	Weight	Cat-Class
Polaris	R16RMAE4G8	AWD	1,250 lbs.	57"	30 HP electric	1,700 lbs.	059-303
Kubota	RTV900XTG-H	4x4	1,300 lbs.	59.8"	21 HP diesel	1,873 lbs.	059-515
Kubota	RTV500-H	4x4	1,102 lbs.	54.7"	16 HP gas	1,300 lbs.	059-525
Polaris	R16RMA32A1	4x4	1,250 lbs.	58"	40 HP gas	1,046 lbs.	059-525
John Deere	XUV560 CAB	4x4	400 lbs.	56"	16 HP gas	1,455 lbs.	059-525
John Deere	HPXD	4x4	1,000 lbs.	59"	21 HP diesel/gas	1,473 lbs.	059-530
Kubota	RTV1100CWXL-H	4x4	1,300 lbs.	66.5"	diesel	1,700 lbs.	059-530
Polaris	R16RNA57A1	4x4	1,250 lbs.	60"	40 HP gas	1,274 lbs.	059-565
John Deere	XUV560 S4 PR	4x4	1,200 lbs.	56.5"	21 HP gas	1,444 lbs.	059-565
John Deere	XUV855DS4	4x4	1,400 lbs.	62"	21 HP diesel	2,018 lbs.	059-565
Kubota	RTV1140CPX-H	4x4	1,300 lbs.	61"	diesel	2,129 lbs.	059-570
John Deere	XUV560	4x4	800 lbs.	56.5"	gas	1,227 lbs.	059-570
Polaris	R16RDA57A1	4x4	2,000 lbs.	60"	24 HP diesel	1,660 lbs.	059-580

JACKS

RAILROAD, SCREW, HYDRAULIC BOTTLE, HYDRAULIC TOE

RAILROAD JACKS are versatile, general-purpose jacks suitable for lifting, lowering, sustaining and leveling heavy loads. They feature a ratchet-action design for safe, efficient operation.

Capacity	Min Height	Max Height	Weight	Cat-Class
5 ton	17"	27"	30 lbs.	044-0110
15 ton	23"	36"	93 lbs.	044-0111



Railroad Jacks

SCREW JACKS feature steel caps with self-leveling floats for use in leveling and supporting applications.

Capacity	Min Height	Max Height	Weight	Cat-Class
10 ton	11"	18"	19 lbs.	044-0108
12 ton	12"	18"	12 lbs.	044-0108
20 ton	16"	25"	24 lbs.	044-0108



Screw Jacks

HYDRAULIC BOTTLE JACKS work in upright, angled or horizontal positions for extra versatility in heavy-duty lifting applications.

Capacity	Min Height	Max Height	Weight	Cat-Class
2 ton	7.13"	13.75"	6 lbs.	044-0320
12 ton	9.38"	18.63"	18 lbs.	044-0340
20 ton	9.50"	18.63"	27 lbs.	044-0350
30 ton	11.22"	18.11"	55 lbs.	044-0355
60 ton	12.00"	18.63"	75 lbs.	044-0360



Hydraulic Bottle Jacks

HYDRAULIC TOE JACKS allow lifting heavy equipment with minimum available clearance as low as 0.79".

- Enerpac models feature 3-position lifting points and include two extendable support feet for added stability. Jacks are powered by an external hydraulic pump for added safety (see pages 165)
- Hilman models feature a built-in hand pump and two lifting points, at the lifting toe and the top of the jack. The base, toe and pump assembly all swivel independently, ideal for working in confined spaces



Hilman Toe Jack
Includes a built-in hand pump



Enerpac Toe Jack
Requires an external hydraulic pump

Make	Model	Capacity	Retracted Toe Clearance			Max Lift Height	Weight	Cat-Class
			Min	Mid	Max			
Hilman	HTJ-5	5 ton	1.06"	N/A	14.63"	10.25"	49 lbs.	044-0400
Enerpac	SOH-10-6	8.5 ton	0.79"	3.74"	6.69"	5.39"	59 lbs.	044-0410
Hilman	HTJ-10	10 ton	1.06"	N/A	16.50"	10.25"	69 lbs.	044-0410
Enerpac	SOH-23-6	20 ton	1.18"	4.33"	7.48"	6.18"	99 lbs.	044-0420
Hilman	HTJ-25	25 ton	2.38"	N/A	19.88"	11.50"	208 lbs.	044-0420

JACKS

JACK STANDS, SERVICE JACKS, TRANSMISSION JACKS, ENGINE HOISTS, ENGINE STANDS

JACK STANDS feature ratchet-action and heavy-duty design for safe operation supporting loads in a variety of applications. 6-ton and 12-ton jack stands in sets of two are available.

Capacity	Min Height	Max Height	Base Dimensions	Weight	Cat-Class
6 ton	15"	24"	10" x 11-1/4"	30 lbs.	044-0290
12 ton	19"	30"	12-3/8" x 14-1/4"	70 lbs.	044-0290



Jack Stands

HYDRAULIC SERVICE JACKS feature swivel saddles and swivel casters for maximum versatility in performing a variety of shop applications. Sizes ranging from 2-ton to 22-ton capacity are available.

Capacity	Min Height	Max Height	Length	Weight	Cat-Class
2 ton	5.1"	19.3"	36"	94 lbs.	073-0013
5 ton ¹	2.6"/16.3"	16.3"/28.5"	27"	100 lbs.	073-0014
5 ton	5.9"	22"	56"	177 lbs.	073-0014
22 ton ²	9.5"	19.5"	22"	80 lbs.	073-0400

¹Dual-purpose jack for high or low profile lifts of forklifts and tractors.

²Air/Hydraulic service jack—requires 90-150 PSI air supply.



Hydraulic Service Jack

HYDRAULIC TRANSMISSION JACKS feature one-man operation, two-way carrier tilt and two-way carrier slide for extra versatility. 2,000 lb. capacity, 8-31" height range. Unit weighs 175 lbs. (Cat-Class 073-0012)



Transmission Jack

ENGINE HOISTS allow safe, controlled raising and lowering of engines and other heavy components. They feature a knock-down design for easy transport and storage. 1,500 lb. capacity. Unit weighs 279 lbs. Bluebird L10K10 (Cat-Class 073-0011)



Engine Hoist

ENGINE STANDS securely hold any engine weighing up to 2,000 pounds and allow the engine to be rotated 360° with a turning bar. Features a removable engine mounting plate with four adjustable support arms. Locks engine in any position. Includes 4" steel swivel casters. Unit weighs 75 lbs. (Cat-Class 073-0010)



Engine Stand

LASER & OPTICAL LEVELS

CEILING & DRYWALL LASERS, PIPE LASERS

LASER OVERVIEW

Laser leveling systems provide a superior alternative to string lines, water levels and traditional optical equipment. The laser sends a rotating or stationary laser beam across the work area as a horizontal, vertical or plumb reference. The beam is picked up by one or more receivers, which are either hand-held, attached to a grade rod, or machine mounted. Benefits of using laser leveling systems include:

- Fast, accurate readings with one-person operation
- Elimination of over-excavation and concrete overruns
- Usable in all field conditions, even in the dark
- Elimination of rework costs caused by misread hand signals, rod-reading errors and out-of-level instruments

CEILING & DRYWALL LASERS provide contractors with pinpoint accuracy for both horizontal and vertical leveling applications, including suspended ceiling grids, walls and partitions, raised floors and on-site grade leveling. They create a laser chalkline as the beam scans back and forth between two defined points or across a scanning target.



Spectra Precision HV101
Laser Level



Spectra Precision HV301
Laser Level



Hilti PML 32
Line Laser



Hilti PR25-IF
Laser Level

	Make	Model	Operating Modes	Optical Range	Receiver Range*	Horizontal Accuracy	Auto Self Leveling	Weight	Cat-Class
TF	Hilti	PML 32	Horizontal, Vertical Line Laser	30'	N/A	1/16" @ 100'	Yes	2 lbs.	011-0010
TF	Spectra Precision	HV101	Horizontal, Vertical, Tilting Plumb-up	100'	1,000'	1/8" @ 100'	Yes	3 lbs.	011-0010
TF	Spectra Precision	HV301	Horizontal, Vertical, Tilting Plumb-up	330'	1,000'	1/8" @ 100'	Yes	6 lbs.	011-0010
TF	Hilti	PR25-IF	Horizontal, Vertical, 90° Set Out	330'	660'	1/11" @ 100'	Yes	5 lbs.	011-0011

*Range with optional electronic receiver.

PIPE LASERS provide contractors with a rugged, easy-to-operate, self-leveling laser. They feature a nickel-plated cast housing and a rubberized front bumper. Operates on a NiMH battery or an external 12-volt battery. Unit weighs 8 lbs. Spectra Precision DG-711 (Cat-Class 011-0020)

- 750' "through the pipe" range (with remote control)
- 150' front/over-the-top range, 30' rear range
- Temperature and grade compensation
- Class 3A laser with 5 mW output
- Self-leveling grade range of -15% to +40%
- Operates in 6" to 15" pipe with standard mount



Spectra Precision DG-711 Pipe Laser
Includes a remote control and pipe target

LASER & OPTICAL LEVELS

LASER GRADE LEVELS, SLOPE LEVELS, TRANSIT LEVELS

- TF LASER GRADE LEVELS** are versatile leveling and grade-control systems ideal for setting and adjusting elevations, and marking and setting excavation depths. Using an unmanned transmitter that provides a 360° horizontal reference plane over the entire work site, most leveling tasks can be performed by one person.



Spectra Precision LL500 Laser Grade Level



Hilti PR30-HVS
Laser Grade Level
Multi-functional laser for
leveling, aligning, and grading slope

	Make	Model	Operating Diameter*	Horizontal Accuracy	Laser Source	Receiver Model	Self-Leveling Range	Weight	Cat-Class
TF	Spectra Precision	LL300 ¹	1,000'	3/32" @ 100'	635-670 nm visible, Class 3A/3R	HR350	± 5°	6 lbs.	011-0015
TF	Spectra Precision	LL200	1,000'	3/32" @ 100'	780 nm IR/Class 1	HR200	± 30 minutes	6 lbs.	011-0015
TF	Hilti	PR 30-HVS	1,650'	1/8" @ 100'	Class II/2, visible nm	PRA 30	± 5°	5.5 lbs.	011-0015
TF	Spectra Precision	LL500	1,600'	1/16" @ 100'	670 nm visible, Class 2	CR600	± 11 minutes	8 lbs.	011-0015
TF	Spectra Precision	LL400	2,600'	1/16" @ 100'	650 nm visible, Class 2	HR550	± 5°	8 lbs.	011-0015

*With electronic receiver

¹Kit with laser, receiver, tripod and grade rod

- TF LASER SLOPE LEVELS** are automatic self-leveling lasers that provide level, grade and vertical alignment with plumb. They feature a 2-way, full-function remote control with a built-in back-lit grade display. Slope levels also self-plumb in the vertical position for special applications such as anchor bolt installation, tilt up and curtain wall plumbing. They also include automatic grade compensation for greater accuracy in any weather or geographic location.



Spectra Precision GL422
Laser Slope Level
Includes a full-function
remote control



	Make	Model	Operating Diameter*	Level/Vertical Accuracy	Laser Source	Grade Range	Grade Accuracy	Weight	Cat-Class
TF	Spectra Precision	GL412	2,000'	1/16" @ 100'	635 nm Class 3A/3R	-10 to +15% Single Axis	1/8" @ 100'	7 lbs.	011-0015
TF	Spectra Precision	GL422	2,600'	1/16" @ 100'	650 nm Class 2	-10 to +15% Dual Axes	1/8" @ 100'	7 lbs.	011-0015

*With electronic receiver.

- TF TRANSIT LEVELS** are traditional optical levels ideal for setting and checking grades, leveling, plumbing and rough angle turning. Level is designed for 2-person operation with a grade rod. Unit weighs 6 lbs.
Spectra Precision BTL-200T (Cat-Class 011-0003)

- 150' working range, 20-X magnification
- 1/4" leveling accuracy at 100'
- 5" horizontal angular accuracy
- 10" vertical angular accuracy



GRADE RODS extend to 15' and feature an inverted scale. Rod is compatible with all laser and optical units. Hilti PA961 or Spectra Precision 1085 (Cat-Class 150-0960)



TRIPODS include a standard 5/8 -11 threaded mount and are compatible with all laser and optical units. Hilti PA911 or Spectra Precision 2161 (Cat-Class 150-0965)

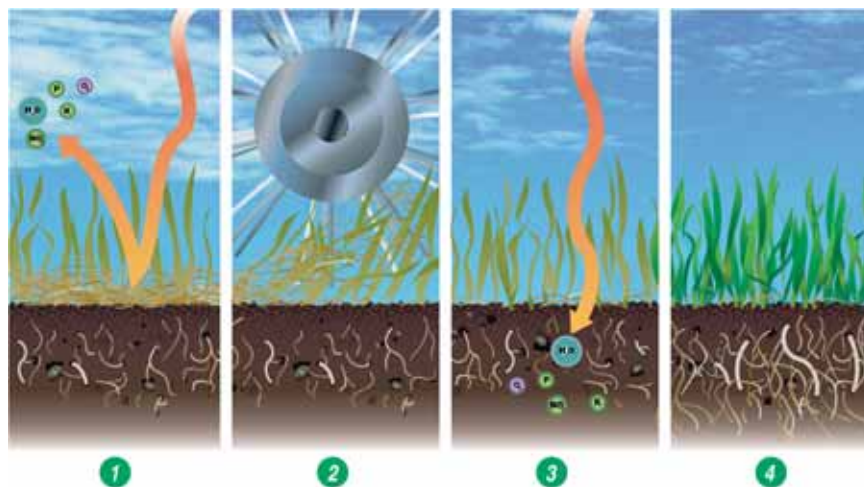


LAWN & LANDSCAPE

DETHATCHERS

DETHATCHERS are power rakes designed for fast, easy removal of thatch, promoting healthy growth. Thatch is a dense mat of roots, stems and grass clippings that accumulates on lawns, blocking the flow of vital nutrients. Dethatchers utilize free-swinging, steel flail blades mounted on a horizontal reel (or optional Verticut blade reels) to penetrate the lawn surface, breaking up thatch and promoting vigorous growth. They also break up cores produced by core aerators. Dethatching also helps prepare the lawn surface for reseeding. Cutting depth is adjustable to match lawn conditions.

The Benefits of Dethatching



1

Thatch is a dense mat of roots, stems and grass clippings that accumulates between the soil and growing blades of grass. As thatch builds, adequate amounts of vital turf nutrients including water, oxygen, nitrates, phosphorus, and potassium are unable to reach the root system.

2

Dethatchers from Sunbelt Rentals effectively remove thatch buildup by "power raking" the lawn turf, utilizing special steel blades mounted on a rotating reel. This allows air and nutrients to reach the root system again.

3

With thatch removed, air, water, nutrients, herbicide and pesticides can do their job. Turf becomes healthier and more resistant to insect damage and disease.

4

Dethatching at regular intervals promotes denser growth and helps to ensure you'll have a vibrant lawn.



Verticut Blade Reels

Available for Ryan dethatchers with 3/4", 1-1/2" and 2" spacing (Cat-Class 070-0012)



Classen TR-20H 20" Dethatcher



Ryan Ren-O-Thin IV 18" Dethatcher



	Make	Model	Working Width	Engine	Standard Blade Reel	Optional Blade Reels	Weight	Cat-Class
TF	Classen	TR-20H	20"	Honda 5.5 HP	Flail type: 11/16" spacing	Adjustable up to 1-3/8"	135 lbs.	070-0011
TF	Classen	TRC-20H ¹	20"	Honda 5.5 HP	Flail type: 11/16" spacing	Adjustable up to 1-3/8"	165 lbs.	070-0011
TF	Ryan	Ren-O-Thin IV	18"	Honda 5.5 HP	Flail type: 1" spacing	Verticut: 3/4-2" spacing	135 lbs.	070-0011
TF	Billy Goat	PR550H	20"	Honda 5.5 HP	Flail type	Spring Tine & Verticising	162 lbs.	070-0011

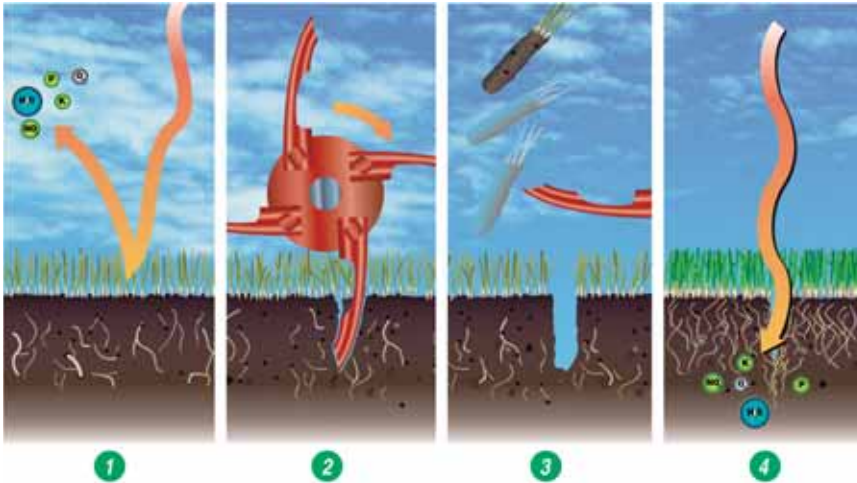
¹This model features an 8 cu. ft. catcher bag.

LAWN & LANDSCAPE

AERATORS

AERATORS are utilized to reduce soil compaction on lawns, promoting the growth of healthy root systems. Soil compaction prevents the flow of vital nutrients through the soil. Aerators utilize evenly spaced coring tines to remove tiny cores of turf, opening up the soil for improved air exchange and the flow of water, fertilizer and other nutrients. All models (except towable units) are powered by Honda gas engines and include removable weights for applying additional downforce pressure to achieve the desired coring depth. Ryan models also feature a drum roller that can be ballasted with water.

The Benefits of Aeration



1 Soil compaction, like thatch buildup, can have adverse effect on the health of turf. When soil is compacted, the grass is unable to establish a healthy root system because adequate amounts of vital nutrients including water, oxygen, nitrates, phosphorus, and potassium are unable to reach the root system.

2 Aerators from Sunbelt Rentals relieve soil compaction by removing tiny cores of turf up to 3" in depth, utilizing evenly spaced 3/4" coring tines.

3 Once the soil is opened up by aeration, air exchange is improved and the soil can easily take in water, fertilizer, and other nutrients.

4 Aeration promotes deeper root growth for a lawn that is more lush, healthy, and drought resistant.



Ryan Lawnaire36Tow

36" Towable Aerator

Utilized with 20 HP or larger tractors



Southland AERATOR30

30" Towable Aerator

Utilized with 14 HP or larger tractors



Classen CA18H 18" Aerator



Ryan Lawnaire IV 19" Aerator



Make	Model	Type	Working Width	Power Source	Coring Tines	Weight	Cat-Class
Billy Goat	AE401H	Walk-Behind	18"	Honda 4 HP gas	24	242 lbs.	070-0010
Classen	CA18H	Walk-behind	18"	4 HP gas	24	278 lbs.	070-0010
Classen	TA19D	Walk-behind	19"	4 HP gas	30	290 lbs.	070-0010
Ryan	Lawnaire IV	Walk-behind	19"	4 HP gas	30	280 lbs.	070-0010
Ryan	Lawnaire V	Walk-behind	27"	4 HP gas	42	330 lbs.	070-0009
Ryan	Lawnaire36Tow	Towable	36"	Tractor	48	500 lbs.	070-0063
Southland	AERATOR30	Towable	30"	Tractor	44	250 lbs.	070-0063

LAWN & LANDSCAPE

OVERSEEDERS, HYDROSEEDERS, STRAW BLOWERS, BARK BLOWERS

OVERSEEDERS combine the raking function of a dethatcher with a seeder to re-establish healthy lawns and restore bare spots and thinning. Slicing depth is adjustable to match turf conditions. Units are powered by Honda gas engines and include a front-mounted seed hopper.



Classen TS-20H Overseeder



Billy Goat OS552H Overseeder

	Make	Model	Working Width	Hopper Capacity	Blade Spacing	Slicing Depth	Engine	Weight	Cat-Class
TF	Billy Goat	OS552H	20"	20 lbs.	1-7/8"	1/8"-1/5"	Honda 5.5 HP gas	179 lbs.	070-0013
TF	Classen	TS-20H	20"	60 lbs.	1-1/2"	0"-3/4"	Honda 5.5 HP gas	150 lbs.	070-0013
TF	Billy Goat	OS901SPH	22"	75 lbs.	2"	0"-3/4"	Honda 9 HP gas	323 lbs.	070-0014



HYDROSEEDERS distribute seed, fertilizer and mulch in one easy operation for fast, superior results establishing new turf or refurbishing existing turf on lawns, sports fields, golf courses and similar applications. Features one-person operation and a 90' maximum discharge distance, providing up to 7,200 sq. ft. of coverage per load. Includes a 600 gallon tank equipped with agitator controls at each end for operator convenience. Powered by a Kohler 25 HP electric-start gas engine. Mounted on a heavy-duty single-axle trailer for easy transporting. Net weight (with empty tank): 2,600 lbs. Finn T-60 II (Cat-Class 070-0125)



Finn T-60 II Hydroseeder

Left: Seeding a new lawn
Right: The established lawn eight weeks later



STRAW BLOWERS chop whole bales of hay or straw into mulch and distribute them over newly seeded lawns. Designed for 2-man operation, these units get the job done in a fraction of the time required by hand mulching. Units are powered by electric-start gas or diesel engines and mounted on 2-wheel trailers for easy towing.

BARK BLOWERS distribute landscape mulch and other bulk materials with great efficiency. Includes a 150' flexible hose and is trailer-mounted trailer for easy towing.



Finn B40T Gas Straw Blower



Finn B70T Diesel Straw Blower



	Make	Model	Type	Capacity	Discharge	Engine	Weight	Cat-Class
	Finn	B-40T ¹	Straw	4 tons/hr.	6"	Kohler 20 HP gas	1,125 lbs.	070-0066
	Finn	B-70T	Straw	7 tons/hr.	9"	Kubota 33 HP diesel	2,250 lbs.	070-0100
	Finn	BB-302	Bark	1.5 cu. yd.	4"	Kubota 33 HP diesel	4,550 lbs.	070-0110

¹This model is also available skid-mounted.

LAWN & LANDSCAPE

SOD CUTTERS, MOWERS & BRUSH CUTTERS, HEDGE TRIMMERS

SOD CUTTERS are ideal for cutting uniform widths of established lawn turf for replanting at another location. They feature self-propelled operation at cutting rates up to 175 ft. per minute. Cutting depths are adjustable, down to 2-1/2" thick. All models feature twin, knobby-tread front drive wheels for increased traction and to help prevent dirt build-up.



Classen SC-18
12" Sod Cutter



Ryan 544944A
12" Sod Cutter



	Make	Model	Cutting Width	Engine	Weight	Cat-Class
TF	Classen	SC-18	12"	Honda 5.5 HP gas	300 lbs.	070-0024
TF	Ryan	544944A	12"	Honda 5.5 HP gas	298 lbs.	070-0024
TF	Ryan	544945A	18"	Honda 5.5 HP gas	356 lbs.	070-0024
TF	Billy Goat	SC181H	18"	Honda 6 HP gas	395 lbs.	070-0024



WALK-BEHIND LAWN MOWERS are offered by Sunbelt Rentals in push-type and self-propelled models featuring 21" cutting widths, adjustable cutting heights and are powered by 5 HP gas engines. Push-type model: 62 lbs; Self-propelled model: 83 lbs. Honda (Cat-Class 070-0050)



Honda Lawn Mower
Available in push-type
and self-propelled models



WALK-BEHIND BRUSH CUTTERS cut a clear path through the densest brush, grass and weeds up to 8' tall and saplings up to 2" diameter. Features a 26" cutting width and self-propelled operation for cutting up to 2/3 acre per hour. Powered by a Honda 13 HP gas engine with three forward speeds plus reverse. Large 16" pneumatic lug type tires provide outstanding traction. Unit weighs 269 lbs. Billy Goat BC2403H (Cat-Class 070-0055)



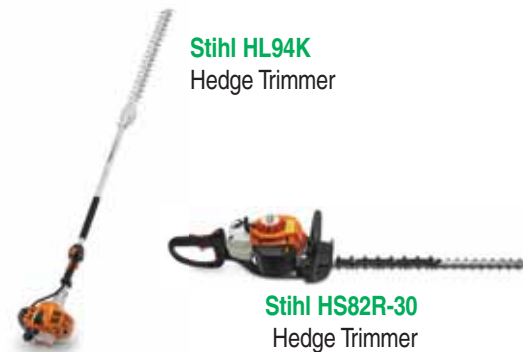
Billy Goat BC2600HM
Walk-Behind Brush Cutter

GAS HEDGE TRIMMERS are ideal for achieving fast, professional results trimming shrubs, bushes and hedges. Sunbelt Rentals offers both standard and articulating models, all powered by 2-cycle gas engines.

Husqvarna 326HE3X
Articulating Hedge Trimmer



Stihl HL94K
Hedge Trimmer



Stihl HS82R-30
Hedge Trimmer



	Make	Model	Cutter Type	Cutter Length	Engine	Weight	Cat-Class
TF	Husqvarna	326HD60	Standard	24"	24.5 cc	13 lbs.	070-0042
TF	Husqvarna	326HD75	Standard	29"	24.5 cc	13 lbs.	070-0042
TF	Husqvarna	326HE3X	Articulating	22"	24.5 cc	13 lbs.	070-0042
TF	Stihl	HS82R-30	Standard	30"	22.7 cc	12.6 lbs.	070-0042
TF	Stihl	HL94K (0°)	Standard	24"	1.2 HP	12.1 lbs.	070-0044
TF	Stihl	HL94K (145°)	Articulating	24"	1.2 HP	13.7 lbs.	070-0044

LAWN & LANDSCAPE

TRIMMERS & EDGERS, LEAF BLOWERS

TRIMMERS AND EDGERS are ideal for finishing up your yard work after mowing. Gas-powered models including string trimmers, edgers and brush cutters are available.



Honda HHT25SLTA
String Trimmer



Husqvarna 326RJX
Brush Cutter



Stihl FS90R
String Trimmer



Little Wonder 6232
Push-type Lawn Edger



	Make	Model	Type	Engine	Weight	Cat-Class
TF	Stihl	FS111R	String Trimmer/Straight	1.4 HP, 2-stroke	12.1 lbs.	070-0041
TF	Stihl	FS111	String Trimmer/Straight	1.4 HP, 2-stroke	12.8 lbs.	070-0041
TF	Stihl	FS91R	String Trimmer/Straight	1.3 HP, 2-stroke	12.1 lbs.	070-0041
TF	Honda	HHT25SLTA	String Trimmer/Straight	25 cc, 4-stroke	13 lbs.	070-0041
TF	Honda	HHT35SLTAT	String Trimmer/Straight	35 cc, 4-stroke	15 lbs.	070-0041
TF	Husqvarna	324LX	String Trimmer/Straight	25 cc, 4-stroke	11 lbs.	070-0041
TF	Husqvarna	326LS	String Trimmer/Straight	25 cc, 4-stroke	9 lbs.	070-0041
TF	Stihl	FS90R	String Trimmer/Straight	28 cc, 4-stroke	12 lbs.	070-0041
TF	Husqvarna	326EX	Stick Edger/Straight	25 cc, 4-stroke	12 lbs.	070-0026
TF	Little Wonder	6232	Push-type Lawn Edger	Honda 4 HP	69 lbs.	070-0027
TF	Husqvarna	326RJX	Brush Cutter/Straight	25 cc, 4-stroke	10 lbs.	070-0040
TF	Stihl	FS250	Brush Cutter/Straight	40 cc, 4-stroke	13 lbs.	070-0040
TF	Husqvarna	326RX	Brush Cutter/Bicycle	25 cc, 4-stroke	11 lbs.	070-0040
TF	Stihl	FS560C-EM	Brush Cutter/Bicycle	3.75 HP, 2-stroke	22.5 lbs.	070-0040

LEAF BLOWERS provide powerful, high-velocity airflow to quickly clear away leaves, grass clippings and other unwanted debris. Gas-powered leaf blowers including hand-held, backpack and push-type models are available.



Stihl BG86
Hand-held Blower



Stihl BR600
Backpack Blower



Billy Goat F1302H
Push-type Blower



	Make	Model	Type	Max Velocity	Engine	Weight	Cat-Class
TF	Husqvarna	125B	Hand-held	170 MPH	28 cc, 2-stroke	9 lbs.	070-0005
TF	Stihl	BG85	Hand-held	183 MPH	27 cc, 2-stroke	9 lbs.	070-0005
TF	Stihl	BG86	Hand-held	190 MPH	1.07 HP, 2-stroke	9 lbs.	070-0005
TF	Stihl	BR600	Backpack	238 MPH	3.8 HP, 2-stroke	21 lbs.	070-0002
TF	Husqvarna	150BT	Backpack	180 MPH	50 cc, 2-stroke	23 lbs.	070-0002
TF	Husqvarna	356BT	Backpack	177 MPH	52 cc, 2-stroke	23 lbs.	070-0002
TF	Stihl	BR420	Backpack	172 MPH	47 cc, 2-stroke	21 lbs.	070-0002
TF	Billy Goat	F1302H	Push-type	200 MPH	13 HP Honda	152 lbs.	070-0001
TF	Little Wonder	LB900	Push-type	N/A	9 HP Honda	161 lbs.	070-0001

LAWN & LANDSCAPE

LAWN VACUUMS, WHEELBARROWS, SPREADERS, METAL DETECTORS

LAWN VACUUMS are ideal for picking up leaves, grass and litter from both lawns and paved surfaces. These powerful vacuums pick up sticks and debris without clogging. Large diameter ball-bearing wheels provide easy operation on uneven terrain. All models include a large capacity filter bag for debris collection and disposal.



Billy Goat MV650H
Lawn Vacuum



	Make	Model	Cleaning Width	Power Source	Max Airflow	Hopper Capacity	Weight	Cat-Class
TF	Billy Goat	MV650H	29"	Honda 6.5 HP gas	2,500 CFM	3.8 bushels	157 lbs.	070-0003
TF	Billy Goat	SV50HR	27"	Honda 5.5 HP gas	2,032 CFM	5.5 bushels	153 lbs.	070-0003
TF	Billy Goat	KD512HC	27"	Honda 5.5 HP gas	1,442 CFM	8.0 bushels	114 lbs.	070-0003

WHEELBARROWS are ideal for hauling seed, fertilizer and other materials on-the-job. Two types are offered: A 5.5 cu. ft. metal tub model and a 6 cu. ft. poly tub model, available with either a pneumatic or solid tire for rugged operation. Sterling Handling (Cat-Class 150-1060)



5.5 cu. ft. Metal Tub



6 cu. ft. Poly Tub

LAWN SPREADERS distribute fertilizer, seed and other supplements in an efficient overlapping pattern with adjustable application rates. Sunbelt Rentals offers both push-type and towable models.

Push model: 125 lb. capacity, unit weighs 45 lbs. Brinly-Hardy BSW-20BH (Cat-Class 070-0015)

Towable model: 125 lb. capacity, unit weighs 40 lbs. Brinly-Hardy BST-25BH (Cat-Class 051-0007)



125 lb. Push Spreader



125 lb. Towable Spreader



18" x 24" Lawn Roller

LAWN ROLLERS are utilized to eliminate uneven spots on newly sodded lawns. They feature an 18" x 24" poly drum that is ballasted with water. Unit weighs 40 lbs. Brinly-Hardy PRC-24REN (Cat-Class 150-1035)

HANDHELD METAL DETECTORS are ideal for finding property stakes, sprinkler heads, lost keys and jewelry and other metal objects hidden beneath the surface. Features include preset discrimination levels and adjustable depth/sensitivity to filter out unwanted items. Unit operates on (4) AA batteries and weighs only 3 lbs. Garrett Ace 250 (Cat-Class 073-0015)



Garret Ace 250
Hand-held Metal Detector

LAWN & LANDSCAPE

BED EDGER/TRENCHERS



Larger walk-behind and ride-on trenchers are also available. (see pages 272-273)

TF BED EDGER/TRENCHERS are ideal for shallow trenching applications down to 13" deep such as burying cable or pipe, pruning roots, installing electric dog fences and installing lawn sprinkler systems using belt-driven rotor blades. Special edging rotors are available for defining landscape beds and installing plastic edging, as well as heavy-duty rotors for trenching clay and rocky soils. All models are powered by Honda gas engines.



E-Z Trench TP400CL3
Cable Installer



E-Z Trench BE400
Bedscaper Edger



Before and After views using an
E-Z Trench Bedscaper Edger



Trenching Rotor



Bedscaper Rotor



Groundsaw Rotor



	Make	Model	Type	Max Trench Depth	Max Edging Depth	HP	Weight	Cat-Class
TF	E-Z Trench	TP400CL3	Trencher w/cable installer	4"	N/A	6.5	160 lbs.	070-0035
TF	E-Z Trench	BE400	Bedscaper Edger	4"	4"	6.5	160 lbs.	070-0025

Note: Digging widths are determined by the rotor being used.

LAWN & LANDSCAPE

CHAIN SAWS, LOG SPLITTERS, POLE PRUNERS

TF CHAIN SAWS are available to meet the needs of do-it-yourselfers and professionals. Both electric and gas-powered models are available.



Stihl MS291-16 16" Gas Chain Saw



Stihl MS441 24" Gas Chain Saw



Husqvarna 316E
16" Electric Chain Saw



Husqvarna 450-18
18" Gas Chain Saw



Safety Equipment
Safety equipment is available with all chain saw rentals including chaps and a combination helmet, mask, ear protection system (Cat-Class 150-1002)



	Make	Model	Type	Power Source	Cutting Bar	Weight	Cat-Class
TF	Husqvarna	316E	Electric	1.6 HP, 110V	16"	10 lbs.	0070-0045
TF	Husqvarna	445-16	Gas	3.0 HP	16"	11 lbs.	0070-0047
TF	Stihl	MS291-16	Gas	3.8 HP	16"	13 lbs.	0070-0047
TF	Husqvarna	450-18	Gas	3.2 HP	18"	11 lbs.	0070-0049
TF	Stihl	MS251	Gas	2.95 HP	18"	10.8 lbs.	0070-0048
TF	Stihl	MS271	Gas	3.49 HP	20"	12.3 lbs.	0070-0049
TF	Stihl	MS291	Gas	3.79 HP	20"	13 lbs.	0070-0049
TF	Stihl	MS362	Gas	4.69 HP	20"	12.3 lbs.	0070-0049
TF	Husqvarna	445R-20	Gas	3.5 HP	20"	13 lbs.	0070-0049
TF	Husqvarna	353-20	Gas	3.3 HP	20"	11 lbs.	0070-0049
TF	Stihl	MS290-20	Gas	3.8 HP	20"	14 lbs.	0070-0049
TF	Husqvarna	570-24	Gas	4.9 HP	24"	15 lbs.	0070-0049
TF	Stihl	MS441	Gas	5.5 HP	24"	15 lbs.	0070-0049
TF	Stihl	MS441C-M	Gas	5.5 HP	24"	14.6 lbs.	0070-0049
TF	Stihl	MS461	Gas	6 HP	25"	14.6 lbs.	0070-0051



TF LOG SPLITTERS feature horizontal/vertical operation for added versatility splitting logs into firewood. The 26-ton hydraulic ram splits up to 24" length logs in as little as 14 seconds. Powered by a Honda 8 HP gas engine. Machine is mounted on a two-wheel trailer for easy towing. Unit weighs 760 lbs. Iron & Oak BHVH 2602 (Cat-Class 070-0060)

TF POLE PRUNERS provide extended reach for cutting tree branches and limbs from ground level. Units are powered by 2-stroke gas engines and include a 12" cutting bar. Stihl model features a telescopic shaft for greater versatility.

Stihl HT103 Pole Pruner



	Make	Model	Power Source	Shaft Length	Weight	Cat-Class
TF	Husqvarna	326P5X	1.2 HP	6'	12 lbs.	070-0038
TF	Stihl	HT102	1.3 HP	6-12'	16 lbs.	070-0038
TF	Stihl	HT103	1.4 HP	7-11'	15.5 lbs.	070-0038



Stihl HT102 Pole Pruner
Features a telescopic shaft

LAWN & LANDSCAPE

GARDEN TILLERS

GARDEN TILLERS are versatile machines suitable for year-around use in flower beds and gardens. Applications include tilling the ground for spring planting, cultivating the soil around growing plants, fall planting and power composting. Tillers can also shred crop residue and mix nutrient-rich organics into the seedbed to optimize growth. Gas-powered front-tine, mid-tine and rear-tine tillers are available in various sizes to accommodate the smallest to the largest garden.

Note: Rotary tiller attachments for compact utility tractors are available. (see page 259)

- Front-tine tillers include compact, lightweight models for tilling smaller gardens (less than 1,000 sq. ft.) and a mid-size model for tilling larger gardens
- Mid-tine tillers provide balanced weight distribution for deeper, faster tilling in small to medium gardens (up to 1,500 sq. ft.)
- Rear-tine tillers provide the extra power to till larger gardens (greater than 1,500 sq. ft.) with ease
- Barreto models feature hydraulic drive with independently controlled tine and travel speed



Honda F220A 2.4 HP Mid-tine



Yard Marvel FGR 5.5 HP Front-tine



Barreto 918H 9 HP Hydraulic Rear-tine



Honda FG110
1.1 HP Front-tine



Honda FC600A
5.5 HP Mid-tine



Honda FRC800A
8 HP Rear-tine



A custom tilt-bed trailer is available for towing Barreto rear-tine tillers (Cat-Class 024-0020)

	Make	Model	Type	Engine	Tilling Width	Transmission	Travel Speeds	Weight	Cat-Class
TF	Honda	FG110	Front-Tine	Honda 1.1 HP	9"	Gear-driven	1F	29 lbs.	070-0016
TF	Honda	F220A	Mid-Tine	Honda 2.4 HP	21"	Gear-driven	1F	50 lbs.	070-0020
TF	Honda	FC600A	Mid-Tine	Honda 5.5 HP	26"	Chain drive	1F	130 lbs.	070-0021
TF	Yard Marvel	FGR	Front-Tine	Honda 5.5 HP	25"	Chain drive	1F	160 lbs.	070-0021
TF	Honda	FRC800A	Rear-Tine	Honda 8 HP	20"	Chain drive	3F/1R	275 lbs.	070-0022
TF	Barreto	918H	Rear-Tine	Honda 9 HP	18"	Hydraulic	Variable	460 lbs.	070-0078
TF	Barreto	1320H	Rear-tine	Honda 13 HP	20"	Hydraulic	Variable	560 lbs.	070-0080

LAWN & LANDSCAPE

POST HOLE AUGERS, GAS-POWERED DRILLS

POST HOLE AUGERS are ideal for drilling in any type of soil, providing considerable labor savings compared to manual diggers. Applications include fencing, soil sampling, tree planting, sign erecting and many more. Gas-powered post hole augers, including hand-held, portable and towable models, are available to accommodate any size job.

Note: Post hole auger attachments for skid-steer loaders and utility tractors are available. (see pages 251, 255 and 259)



General M330H 2-Man Hand-held



Little Beaver MDL-5H 1-Man Portable



General M660H 1-Man Towable



Ground Hog HD99 1-Man Towable



36" length auger bits ranging from 4" to 18" diameter are available *Note: The availability of specific auger bit sizes varies by location*

	Make	Model	Type	Engine	Auger Range	Auger Drive	Transmission	Weight	Cat-Class
TF	Stihl	BT131	1-Man Hand-held	2 HP	2"-10"	Spline	Double Gear Reduction	21.8 lbs.	070-0030
TF	General	M240	1-Man Hand-held	Robin 1.6 HP	4"-8"	1" Round	Gear Reduction	26 lbs.	070-0030
TF	Little Beaver	MDL-5H	1-Man Portable	Honda 5.5 HP	4"-16"	1-3/8" Hex	Gear/Flexible shaft	125 lbs.	070-0030
	General	M660H	1-Man Towable	Honda 13 HP	4"-18"	1-3/8" Hex	Hydraulic	440 lbs.	070-0033
	Ground Hog	HD99	1-Man Towable	Honda 11 HP	4"-18"	1-3/8" Hex	Hydraulic	295 lbs.	070-0033
TF	General	M330H	2-Man Hand-held	Honda 5 HP	4"-18"	1-3/8" Hex	Gear Reduction	71 lbs.	070-0031
TF	Ground Hog	C715	2-Man Hand-held	Honda 5.5 HP	4"-12"	7/8" Square	Worm Drive	72 lbs.	070-0031
	Ground Hog	HD99	1-Man Towable	Honda 9 HP	4"-18"	7/8" Square	Hydraulic	295 lbs.	070-0033
	Little Beaver	HYDTB11H	1-Man Towable	Honda 11 HP	4"-18"	1-3/8" Hex	Hydraulic	575 lbs.	070-0033



GAS-POWERED DRILLS are designed for flower plantings, small post holes and deep root fertilization. Features 2-speed, reversible operation, powered by a 27 cc 2-stroke gas engine. Unit weighs 11 lbs. Stihl BT45 (Cat-Class 073-0104)

STIHL paddle attachments allow users to adapt their BT 45 drill into versatile mixers designed to quickly and easily stir buckets of paint and floor coers, or mix mud an grout for tile and masonry jobs.

Note: Drill auger bits are available in the following sizes: 3" x 23", 4" x 23" and 5" x 23" (Cat-Class 150-1045)

Hand-held post drivers are available for rent. (Cat-Class 150-1620)



LIGHTING AND SURVEILLANCE

PORTABLE LIGHT STANDS, TOWABLE SOLAR LIGHT TOWERS
MOBILE SURVEILLANCE CAMERA TRAILERS

MOBILE SURVEILLANCE CAMERA TRAILERS

stream live video, 24/7 to any internet-capable device. Take advantage of working remotely while still effectively managing your projects. (Cat-Class 012-2000, 012-2100)

- A trailer-mounted camera that is easy to transport and quickly set up
- 340-degree field of view with full pan, tilt and zoom functionality
- Self-sufficient power management system with solar or shore power capabilities
- Video and image storage with time lapse capabilities



PORTABLE LIGHT STANDS provide lighting solutions for a wide range of applications. Several sizes of light stands are offered, plus wobble lights, balloon lights and a 2-wheel light cart that accommodates a small gas generator. All models feature 120V operation.

Wobble Light 400MH
400 watts



CEP 5710
1,000 watt Light Stand



CEP 5322
2,000 watt Light Cart
Accommodates a gas generator



Multiquip GB114BW
1,000 watt Balloon Light
Provides 360° glare-free lighting

	Make	Model	Type	Watts	Bulbs	Max Height	Weight	Cat-Class
	Wobble Light	400MH	Wobble Light	400	1	3'	28 lbs.	012-0210
TF	Amida	OSL-37-1TH	Light Stand	500	1	3'	19 lbs.	012-0310
	Multiquip	GB84LED	Tripod Light	800	LED	11.5'	48 lbs.	012-0315
TF	CEP	5710	Tripod Light	1,000	2	7'	25 lbs.	012-0320
TF	Power Temp	LSA5002Q	Light Stand	1,000	2	8'	63 lbs.	012-0320
	Multiquip	GB114BW	Balloon Light	1,000	1	13'	139 lbs.	012-0325
	Multiquip	GBW	Balloon Light	1,000	1	13'	56 lbs.	012-0325
TF	Amida	OTPG 4TH	Tripod Light	2,000	2	12'	74 lbs.	012-0330
TF	CEP	5322*	2-wheel Light Cart	2,000	2	12'	196 lbs.	012-0340

*Light cart model accommodates a small gas generator.

TOWABLE SOLAR LIGHT TOWERS powered by free renewable energy from the sun, in conjunction with energy-efficient LED outdoor lighting. Can be used for moderate to heavy lighting applications where a diesel, gas or electric generator-powered light tower is needed. Dusk to dawn 5+ day operations will likely require a solar tower with an on-board generator.

- Approximately 60 hours of operation without any additional solar or AC recharging
- 4 per unit LED flood lights with estimated life up to 5-10 times longer than standard metal halide bulbs
- No carbon emissions, noise or fumes
- On-board LP generator automatically starts and charges batteries when charge drops below a set percent of capacity

Progress Solar SLT800
Towable Solar Light Tower



Make	Model	Mast Style	Watts	Bulbs	Max Height	Engine	Transport Dimensions	Weight	Cat-Class
Progress Solar	SLT800	Vertical	800	LED	30'	No Onboard Genset	116"L x 54"W x 102"H	3,400 lbs.	012-0400
Progress Solar	SHYB-LT1000-HML	Vertical	1,200	LED	30'	Onboard LP Generator	170"L x 54"W x 70"H	3,650 lbs.	012-0400
Progress Solar	SHYB-LT800-HML	Vertical	800	LED	30'	Onboard LP Generator	116"L x 54"W x 102"H	3,400 lbs.	012-0400

LIGHTING AND SURVEILLANCE

TOWABLE LIGHT TOWERS

TOWABLE LIGHT TOWERS are ideal for wide area outdoor lighting in construction, commercial and special event applications. Horizontal mast style has two manual winches for raising or lowering the mast to horizontal position for transport and storage. Vertical mast style is extended to full height with either a single manual or electric winch. Includes outriggers, jack stand and a towing package.

- 30' extended height with four 1,000 watt fixtures and metal halide bulbs
- Illuminate up to 7-1/2 acres (7 football fields)
- Large fuel tanks allow up to 60 hours of continuous operation without refueling
- Pallet pockets and a lifting eye
- Diesel generator with 120V and 240V auxiliary receptacles for powering electric tools and equipment (6kW available/ auxiliary power, 2kW with light fixtures operating)
- Vertical mast light towers offer compact dimensions allowing for up to 16 units to be transported on one 48' flatbed



Terex RL4
4,000 watt Towable Light Tower
Horizontal Mast Style



Wacker LTN6L-VS
4,000 watt Towable Light Tower
Vertical Mast Style *in transport position*



Magnum MLT6S
4,000 watt Towable Light Tower
Vertical Mast Style *in transport position*



Magnum MLT3060
4,000 watt Towable Light Tower
Horizontal Mast Style *in transport position*

Make	Model	Mast Style	Max Height	Engine	Fuel Tank	Transport Dimensions	Weight	Cat-Class
Magnum	MLT3060	Horizontal	30'	Kubota 11.7 HP diesel	30 gal.	170"L x 49"W x 68"H	1,870 lbs.	012-0410
Terex	RL4000	Horizontal	30'	Kubota 13.6 HP diesel	30 gal.	171"L x 54"W x 70"H	1,760 lbs.	012-0410
Terex	RL4	Horizontal	30'	Kubota 10.8 HP diesel	30 gal.	170"L x 54"W x 60"H	1,965 lbs.	012-0410
Magnum	MLT3060	Vertical	23'	Kubota 13.6 HP diesel	30 gal.	117"L x 58"W x 111"H	1,923 lbs.	012-0410
Magnum	MLT6S	Vertical	23'	Kubota 12.2 HP diesel	43.5 gal.	118"L x 57"W x 101"H	1,653 lbs.	012-0405
Wacker	LTN6L-VS	Vertical	28'	Kubota 13.1 HP diesel	32.5 gal.	130"L x 48"W x 91"H	1,982 lbs.	012-0405

LIGHTING AND SURVEILLANCE

HAZARDOUS LOCATION BASICS

GLOSSARY

Confined Space Entry—a permit required confined space is defined as a confined space with one or more of the following conditions:

- 1) Contains or has a known potential to contain a hazardous atmosphere.
- 2) Contains material with the potential for engulfment.
- 3) Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls, or a floor that slopes and tapers to a smaller cross section.
- 4) Contains any other recognized serious safety or health hazard.

Examples include tunnels, tanks, vessels, silos, pipelines, utility vaults, railcar tanks and grain elevators.

Explosion-Proof—electrical equipment such as ventilation and lighting equipment that is specially designed to prevent arcs and sparking, making them suitable for operation in hazardous atmospheres.

Hazardous Atmospheres—atmospheres in which flammable gases are present and/or have the potential to be in the explosive range. Environments containing flammable gases, dusts or ignitable fibers are all potential flammable hazards.

Hazardous Locations—areas where a potential for explosion and fire exist because of a hazardous atmosphere, requiring the use of explosion-proof lighting and ventilation equipment. The National Electric Code classifies hazardous locations according to the type of atmospheric hazards present, which is useful for rating lighting and ventilation equipment that is operated in hazardous locations.

Ignition Source—the energy required to touch off an explosion in a hazardous location atmosphere. The normal operation of switches, circuit breakers, motor starters, contactors, plugs and receptacles release this energy in the form of arcs and sparks as contacts open and close.

Wet Locations Hazard—the presence of moisture in a confined space, which presents the opportunity for an electrocution hazard for workers. Examples include working inside drums, tanks and vessels. OSHA regulations require the use of low voltage (12-volt maximum) lighting or GFCI protection in wet locations to protect workers from electrocution hazards.

HAZARDOUS LOCATION CLASSIFICATIONS

The National Electric Code classifies hazardous locations according to the type of atmospheric hazards present, which is useful for rating lighting and ventilation equipment utilized in hazardous locations. The summaries below are based on condensed interpretations from the National Electric Code—you should consult local authorities for detailed interpretations.

Class I Locations

Class I Locations are those in which flammable gases or vapors are or may be present in the air in sufficient quantities to produce explosive or ignitable mixtures.

Class I, Division 1:

These are Class I locations where the hazardous atmosphere is expected to be present during normal operations. It may be present continuously, intermittently, periodically, or during normal repair or maintenance operations. Division 1 locations are also those locations where a breakdown in the operation of processing equipment results in the release of hazardous vapors and the simultaneous failure of electrical components.

Combustible and flammable gases and vapors are divided into four groups (A, B, C & D) classified according to the pressure they create during an explosion. Group A gases create the highest pressure during an explosion, with Groups B, C and D creating less pressure respectively.

Class I, Division 2:

These are Class I locations in which volatile flammable liquids or gases are handled, processed, or used, but in which they will normally be confined within closed containers or closed systems from which they can escape only in the case of accidental rupture or breakdown of the containers or systems. The hazardous conditions will occur only under abnormal conditions.

Class II Locations

Class II Locations are those that are hazardous because of the presence of combustible dust.

Class II, Division 1:

These are Class II locations where combustible dust may be in suspension in the air under normal conditions in sufficient quantities to produce explosive or ignitable mixtures. This may occur con-

tinuously, intermittently, or periodically. Division 1 locations also exist where failure or malfunction of machinery or equipment might cause a hazardous location to exist while providing a source of ignition with the simultaneous failure of electrical equipment. Included also are locations in which combustible dust of an electrically conductive nature may be present.

Combustible dusts are divided into three groups (E, F & G) according to their electrical conductivity, ignition temperature and effects on equipment caused by dust buildup, such as overheating:

Group E atmospheres contain metal dust, including aluminum and magnesium; their commercial alloys; and other metals with similar hazardous characteristics and resistivity less than 102 ohm-cm.

Group F atmospheres contain combustible carbonaceous dusts, or other atmospheres containing these dusts sensitized by other hazardous materials, having resistivity from 102 through 108 ohm-cm.

Group G atmospheres contain combustible dusts having resistivity of 108 ohm-cm or greater.

Class II, Division 2:

A Class II, Division 2 location is one in which combustible dust will not normally be in suspension in the air and normal operations will not put dust in suspension, but where accumulation of the dust may interfere with the safe dissipation of heat from electrical equipment or where accumulation near electrical equipment may be ignited by arcs, sparks, or burning material from the equipment.

Class III Locations

Class III Locations are those that are hazardous because of the presence of easily ignitable fibers or flyings, but in which the fibers or flyings are not likely to be in suspension in the air in quantities sufficient to produce ignitable mixtures.

Class III, Division 1:

These are locations in which easily ignitable fibers or materials producing combustible flyings are handled, manufactured, or used.

Class III, Division 2:

These locations are where easily ignitable fibers are stored or handled.

LIGHTING AND SURVEILLANCE

HAZARDOUS LOCATION LIGHTING

EXPLOSION-PROOF HANDLAMPS provide safety illumination for workers in hazardous atmospheres. Both single handlamps and 8-unit stringlight sets are available. Both types feature 12V operation, which is required when working in wet locations such as drums, tanks and vessels.

- 75 watt handlamp includes a 10' primary cord, an inline 12V transformer and a 50' secondary cord
- Stringlights include eight 50 watt 12V handlamps in one assembly with 3' drops, 10' spacing and a 150' overall cord length. Includes a 12V power supply

Power Temp 100XHL-12TB

75 watt 12V Incandescent Handlamp
Includes 12V inline transformer



Power Temp SLXHL-8 12V Stringlights

8-Unit Set: Includes model TLV-SLXP 12V power supply

Make	Model	Bulb Type	Voltage	Watts	Bulbs	Cord Length	Hazardous Location Classifications*	Weight	Cat-Class
Power Temp	100XHL-12TB	Incandescent	12V	75	1	50'	Class I, Div. 1	22 lbs.	012-0530
Chambers	1635-12B	Incandescent	12V	100	1	50'	Class I, Div.1 Grp C & D; Class 2 Grp E, F, G	—	012-0530
Power Temp	SLXHL-8	Incandescent	12V ¹	400	8	150'	Class I, Div. 1	48 lbs.	012-0570
Chambers	SL-8EXP	Incandescent	12V ¹	50	8	150'	Class I, Div. 1	—	012-0570

*See previous page for detailed explanations of hazardous location classifications.

¹Stringlights Low Voltage 120V to 12V Transformer (Part#E32-8SL not included)

EXPLOSION-PROOF FLOODLIGHTS provide wide area illumination in industrial locations where hazardous atmospheres may be present. Two styles of explosion-proof floodlights are available.

- Power Temp model features 360° vertical rotation and includes a 2-wheel cart for portability and a 250' power cord with hazardous location plug
- Western Technology model features a swivel base with 135° vertical rotation and include a large handle for aiming and a 100' power cord with hazardous location plug



Power Temp LSB4001M
400 watt Floodlight



Western Technology 7100
300 watt Floodlight

Make	Model	Bulb Type	Voltage	Watts	Hazardous Location Classifications*	Weight	Cat-Class
Western Technology	7100	BR40	110V	300	Class I, Div. 1, Groups D & G; Class II, Div. 1, Groups F & G; Class III	23 lbs.	012-0610
Chambers	FS1570MH-120V	Metal Halide	120V	70	Class I, Div. 1, Groups C & D; Class II, Div. 1, Groups F & G	—	012-0610
Chambers	PS400MH-C-UL-18	Metal Halide	120V	400	Class I, Div. 1, Groups C & D	—	012-0620
Power Temp	LSB4001M	Metal Halide	120V	400	Class I, Div. 1	65 lbs.	012-0620

*See previous page for detailed explanations of hazardous location classifications.

LOAD BANKS

RESISTIVE LOAD BANKS, RACK LOAD BANKS

RESISTIVE LOAD BANKS are designed to provide temporary electrical loads for field testing power sources such as generators and uninterruptible power supplies. Reduction of “wet stacking” helps to ensure that your equipment is ready for peak performance. Load banks range from 75 kW to 2,500 kW capacity.

- Convenient operator controls with digital metering
- Capacities up to 2,500kW
- Portable for load testing at multiple site
- 1,250kW and larger are trailer ready



Avtron Freedom 100
100 kW Portable



Avtron Patriot 700
700 kW Portable



Avtron K580
1,250 kW Trailer-Mounted

Make	Model	Capacity*	Load Step	Overall Dimensions	Weight	Hertz**	120V	240V	208V	480V	Cat-Class
Mosebach	X60	60 kW	5 kW	20"L x 18"W x 24"H	75 lbs.	60	✓	✓	✓	✓	115-0010
Mosebach	X100	100 kW	5 kW	19"L x 17"W x 32"H	110 lbs.	60	✓	✓	✓	✓	115-0020
Mosebach	X200	200 kW	5 kW	32"L x 19"W x 37"H	250 lbs.	60	✓	✓	✓	✓	115-0070
Mosebach	X400	400 kW	5 kW	40"L x 33"W x 46"H	500 lbs.	60	✓	✓	✓	✓	115-0040
Avtron	Freedom 100	100 kW	5 kW	25"L x 16"W x 29"H	105 lbs.	60	✓	✓	✓	✓	115-0020
Avtron	Millennium 400	400 kW	5 kW	56"L x 34"W x 50"H	785 lbs.	60	✓	✓	✓	✓	115-0040
Avtron	Patriot 700	700 kW	5 kW	61"L x 24"W x 75"H	1,150 lbs.	60	✓	✓	✓	✓	115-0050
Avtron	K580	1,250 kW	5 kW	208"L x 93"W x 84"H	6,000 lbs.	60		✓	✓	✓	115-0060
Avtron	K580	2,000 kW	5 kW	203"L x 93"W x 118"H	7,500 lbs.	60		✓	✓	✓	115-0070
Avtron	K580 HC	2,500 kW	50 kW	203"L x 93"W x 118"H	7,500 lbs.	60				✓	115-0075

*Load bank capacity may vary according to the voltage applied—contact a Sunbelt Rentals Pump & Power Services representative for details.

**Control and blower must operate at 60 Hz.

RACK LOAD BANKS are designed to mimic the heat loading of a computer server to test the cooling facilities of temperature-sensitive environments such as data centers. Using Rack load banks prior to installation helps to identify and correct potential temperature issues, preventing the escalation of possible heat-related problems.

Avtron Patriot SLS-10
10 kW Server Load Simulator



Make	Model	Capacity*	Overall Dimensions	120V	240V	208V	Cat-Class
Mosebach	SRMLB	5 kW	22"L x 19"W x 10.25"H	✓	✓	✓	115-0005
Avtron	SLS-10 (Server Load Simulator)	10 kW	19"L x 23.3"W x 15.75"H	✓	Single Phase	Single Phase	115-0005

*Load bank capacity may vary according to the voltage applied—contact a Sunbelt Rentals Pump & Power Services representative for details.

MATERIAL HANDLING EQUIPMENT

PALLET TRUCKS, HAND TRUCKS & DOLLIES

PALLET TRUCKS provide easy lifting and transporting of palletized loads and skids. Manual pallet trucks designed for easy, safe operation. We also offer an electric battery-powered model featuring a compact design and electromagnetic disk brakes for safe operation.



Standard Manual Pallet Truck



Narrow Manual Pallet Truck



Hi-Lift Manual Pallet Truck



Electric Pallet Truck

Type	Capacity	Forks	Fork Height (Lowered)	Fork Height (Raised)	Weight	Cat-Class
Standard Manual	5,500 lbs.	48"L x 27"W	2.88"	7.75"	204 lbs.	044-0001
Narrow Manual	5,500 lbs.	48"L x 21"W	2.88"	7.75"	180 lbs.	044-0002
High-Lift Manual	2,200 lbs.	45"L x 27"W	3.25"	31.00"	293 lbs.	044-0004
Electric	4,500 lbs.	48"L x 27"W	3.35"	8.00"	1,274 lbs.	044-0005

ALUMINUM HAND TRUCKS

enable one-man transport of bulky loads up to 500 lbs. They feature 10" semi-pneumatic wheels and a 48" overall height. Unit weighs 22 lbs.

Elkay 112-U-1025
(Cat-Class 044-0081)



DRUM DOLLIES

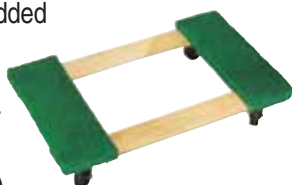
provide a safe method to move drums and barrels weighing up to 1,000 lbs. Features a spring-loaded axle and 10" ball-bearing rubber wheels. Unit weighs 75 lbs. Elkay 20BT
(Cat-Class 044-0082)



DUAL HAND TRUCKS are ideal for moving pianos, organs and chest-type appliances up to 1,000 lbs. Includes a complete set of two hand trucks with four web straps, rubber and felt cushioning, sturdy hardwood frame and retracting casters. Pair weighs 55 lbs. Elkay P6B (Cat-Class 044-0084)



FOUR-WHEEL DOLLIES enable easy transport of moderate sized loads up to 900 lbs. Features an 18" x 30" hardwood frame, 3" swivel casters with rubber wheels to protect floors and padded ends to protect fine finishes. Unit weighs 17 lbs. Elkay 11AC or Grainger 5W125
(Cat-Class 150-1075)



PRY DOLLIES (JOHNSON BARS)

are ideal for moving crates, heavy machinery, cases and other bulky loads up to 4,250 lbs. They feature an 8" lift height and include hardwood handles and 6" width steel alloy lifting plates. Steel-wheel and rubber-wheel models are available. Unit weighs 35 lbs. Elkay 66, 66R
(Cat-Class 150-1085)



PLATFORM TRUCKS enable easy transport of bulky loads in warehouses and stores, up to 1,100 lbs. Features a 24" x 48" platform with hardwood decking and 5" swiveling casters with rubber wheels. Unit weighs 66 lbs.

Elkay E25Q-2448RT
(Cat-Class 044-0118)



TRASH CARTS feature a rugged, 1 cu. yd. polyethylene hopper with a 2,100 lb. maximum load capacity. One person can roll truck and dump refuse materials. Recessed wheels help prevent damage to interior walls and doorways. Unit weighs 118 lbs. Grainger 1D652
(Cat-Class 073-0046)



MATERIAL HANDLING EQUIPMENT

SANDUSKY CRATE WAGON, PIPE RIGGING ROLLERS, GLASS SUCTION CUPS, GLASS LIFT (WINLET 1265)

SANDUSKY CRATE WAGON

Industrial strength steel construction with 1,400 lb. load capacity. Fold down sides for easy loading and unloading.

60" x 31" x 25"

(Cat-Class 150-1074)

- Large D-handle for easy grip
- Heavy-duty 4 x 13 in. pneumatic tires for easy rolling over any surface



PIPE RIGGING ROLLERS

The unique clamping system fastens the roller to an I-beam from both sides of the flange. This option is great for installing and fabricating pipe in piperacks or other tight and enclosed areas. Also, the roller mechanism can be attached to a stand better suited for pipeline work and/or directional drilling.

16.5"L x 20.5"W x 6-8"H1-H2*

(Cat-Class 074-1424)



Make	Model	Pipe Capacity	Weight Capacity	Weight	Cat-Class
B&B	2110	4-20 inch	2,500 lbs	45 lbs.	044-0060

* H1 = height to lowest part of V. H2 = height to top of roller



GLASS SUCTION CUPS are the preferred choice for handling large glass panels. They are also ideal for moving patio doors and other smooth objects. These 8" vacuum cups utilize spring-balanced pumps with red-line vacuum indicators. 125 lb. maximum load capacity. Powr-Grip N4000 (Cat-Class 044-0095)



Powr-Grip N4000

Glass Suction Cups

Lifting a large window panel

GLASS LIFT (WINLET 1265) increases efficiency and speed in glass and window installation while improving safety in the workplace. Applications include any type of air tight material including: granite, concrete, steel, aluminum, wooden plates, tiles and fire doors. It features 4 hydraulically controlled suction cups which will hold up to 1265 lbs. of material, max extension of 5' 1", min extension of 2' 3", max lifting height of 11' 10", and a total weight of 2258 lbs (excluding counterweight). (Cat-Class 044-0800)



MATERIAL HANDLING EQUIPMENT

HAND TRUCKS & DOLLIES, ROLLER SKID SYSTEMS

HYDRAULIC ROL-A-LIFTS handle bulky loads up to 30' long, such as frozen food cases, machinery and large appliances. Rol-A-Lifts are used in pairs for up to 6,000 lb. capacity. They feature easy operation with swiveling casters, 6" length forks and a 6" lifting height. Pair weighs 335 lbs. Elkay M-6 (Cat-Class 044-0080)



Hydraulic Rol-A-Lift

STAIR CLIMBING HAND TRUCKS are versatile, motorized units that safely power heavy objects up and down stairs, on and off delivery vehicles and loading docks and in and out of buildings. Units are powered by 1/2 HP 12V motors and include a battery charger.

- Fingertip, push-button controls
- Fully automatic braking systems
- 24" wide toeplate, adjustable strap bars
- 40" lifting height

PowerMate L-1—650 lbs. capacity

Unit weighs 100 lbs. (Cat-Class 044-0087)

PowerMate M-1—1,500 lbs. capacity

Unit weighs 165 lbs. (Cat-Class 044-0098)

Upper Photo: **PowerMate L-1**

Tailgate application

Lower Photo: **PowerMate M-1**

Stair climbing application



APPLIANCE TRUCKS are ideal for transporting appliances, vending machines, office equipment and other heavy items. They feature a web strap with a ratchet strap tightener, cushion-tread rubber wheels and protective rubber and felt padding. 750 lb. and 1,200 lb. models are available. Both models include a 5" x 24" footplate. 1,200 lb. model also includes retractable casters and roller bearing stair crawlers.

750 lb. Models—Elkay SRT
(Cat-Class 044-0250)

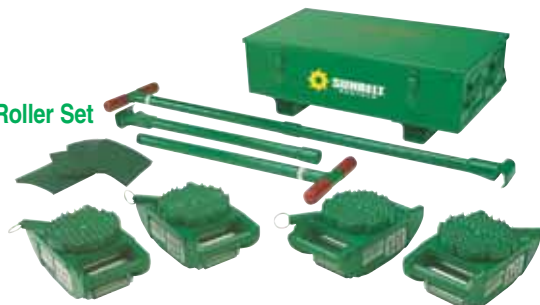
1,200 lb. Models—Elkay SRTM60
(Cat-Class 044-0260)



Appliance Truck

ROLLER SKID SYSTEMS are ideal for moving heavy loads on hard, level floor systems without a track. 8-ton, 12-ton, 30-ton and 60-ton sets are available, each including four rollers, steering handles and a storage case. A 12-ton, 3-point rigger set for moving large, heavy equipment over finished floors is also available.

Hilman 4 Roller Set



Hilman KTG-12 Tri-Glide
3-point Rigger Set



Make	Model	Type	Capacity	Weight	Cat-Class
Hilman	KRS-8-2S/2R	4 roller set	8 ton	78 lbs.	044-0060
Hilman	KTG-12 Tri-Glide	3-point rigger set	12 ton	213 lbs.	044-0062
Hilman	KNRS-12-SLP	4 roller set	12 ton	180 lbs.	044-0063
Hilman	KRS-30-SLD	4 roller set	30 ton	213 lbs.	044-0065
Hilman	KRS-60-SLD	4 roller set	60 ton	255 lbs.	044-0070

MATERIAL HANDLING EQUIPMENT

LOADING EQUIPMENT, TRASH SKIPS, FORKLIFT ATTACHMENTS

STEEL BANDING KITS utilize 1/2" x .015" steel banding to band and secure cartons, bales and pallets. Includes a strap tensioner, crimper and cutter plus seals and steel banding. Kit weighs 90 lbs. Elkay SB1 (Cat-Class 150-1065)



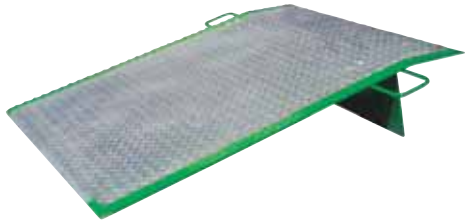
PALLET PULLERS pull loaded pallets quickly and easily. They feature hardened tool-steel teeth and scissor body construction. Unit weighs 15 lbs. Elkay PP200 (Cat-Class 150-1105)



RATCHET LOAD BINDERS feature 360° swivel hooks and easy-to-use ratcheting handles for safe operation. Working load limit of 5,400 lbs. Unit weighs 11 lbs. Jet RLB-19 (Cat-Class 150-1090)



ALUMINUM DOCKPLATES provide safety and stability while loading and unloading trucks. They feature a lightweight design with a maximum capacity of 1,900 lbs. Deck is 3/8" thick with a raised pattern surface. Dimensions are 36" x 48" with a 7" height differential. Unit weighs 80 lbs. Elkay E3648 (Cat-Class 044-0120)



ALUMINUM LOADING RAMPS are ideal for loading small equipment into the bed of a pickup truck. They feature a lightweight design and a durable, perforated surface. Set of two 8'L x 10"W ramps has a 1,000 lb. loading capacity. Ramps fold down to 4' length for easy transport and storage. Set weighs 50 lbs. Bil-Jax 0063-0341 (Cat-Class 044-0122)



HEAVY DUTY TRASH SKIP with large lifting eyes has plenty of capacity to handle most any kind of trash or bulk material. Constructed of heavy steel and reinforced at all stress points to ensure long useful life. Designed to be hoisted with a set of 10 ft. or longer cable or strap slings. The sloped end makes it safe and easy to discharge the load. 2.9 cu.yd. 10,000 lbs. Capacity. 3'D X 4'W X 8'L with lifting eyes Empty weight 1262 lbs. Model 1449B (Cat-Class 044-0122)



Star Industries Crane Trash Skip

FORKLIFT ATTACHMENTS provide extra versatility for both straight mast and shooting boom forklifts in a variety of material handling applications. Several types of attachments including self-dumping hoppers, loading platforms, truss booms and material buckets are available.



Star Industries Self-Dumping Hoppers



	Make	Model	Type	Capacity	Weight	Cat-Class
TF	Star Industries	1397	Load-N-Tow Platform	42" x 48" deck	305 lbs.	044-0180
TF	Star Industries	1425	Trash Hopper	2.7 cu. yds./5,000 lbs.	840 lbs.	044-0180
TF	Star Industries	1815	Self-Dumping Hopper	1.5 cu. yds./6,000 lbs.	755 lbs.	044-0180
TF	Star Industries	1825	Self-Dumping Hopper	2.5 cu. yds./6,000 lbs.	955 lbs.	044-0180
	Star Industries	1400	60" Material Bucket	1.0 cu. yds.	435 lbs.	156-0102
	Star Industries	1360	12' Truss Boom	6,000 lbs.	575 lbs.	156-0112

MATERIAL HANDLING EQUIPMENT

DRYWALL CARTS & LIFTS, PIPE HANDLING EQUIPMENT



TP DRYWALL CARTS allow one person to load and transport drywall sheets, plywood and other bulky materials up to 3,000 lbs. Narrow profile design allows moving through standard doorways. Handles are removable for easy storage. Overall dimensions: 28"W x 50"L x 47"H. Unit weighs 137 lbs. Bil-Jax DC 3000 EX (Cat-Class 044-0116)

TP DRYWALL LIFTS allow one person to lift wall board sheets up to 4' x 12' into position quickly and safely. They utilize an efficient winch and cable mechanism for easy operation. Biljax model features a steering wheel winch control for easy adjustment. Sumner models feature a 2-speed winch handle and 34" loading height. All models include a tilting platform and a knock-down design for easy transport and storage. (Cat-Class 044-0115)

Bil-Jax DL 125—200 lb. capacity, 5'-12' lift height, 30" outriggers, 125 lbs. net wt.

Sumner 2311—150 lb. capacity, 3'-11.5' lift height, 55"L x 55"W base, 99 lbs. net wt.

Sumner 2315—150 lb. capacity, 4'-15' lift height, 55"L x 55"W base, 114 lbs. net wt.



Bil-Jax DC 3000 EX Drywall Cart



Bil-Jax DL 125 12' Drywall Lift



Sumner 2315 15' Drywall Lift

Also available as an HVAC/Electrical Lift



CRICKET PIPE CARTS are ideal job site material carriers that use leverage to lift and load up to 20' pipe lengths.

Features a 1,000 lb. capacity and includes a ratchet hold-down strap to secure pipe and 16" pneumatic tires. Handle disconnects easily for storage. Unit weighs 70 lbs. Sumner 782699 (Cat-Class 044-0074)

GRASSHOPPER PIPE DOLLIES enable one man to lift and transport pipe, toolboxes and other heavy components. Maximum capacity is 2,000 lbs. and up to 20" diameter pipe. Features a sliding chain block design that accommodates both long and short loads. Unit weighs 165 lbs. Sumner ST-401 (Cat-Class 044-0091)

ROUST-A-BOUT PORTABLE LIFTS allow one man to lift and place pipe sections and other heavy objects in tight spaces. They feature a maximum lift capacity of 1,500 lbs. utilizing separate winches for lifting the load and extending the mast. Large 8" casters provide excellent mobility when moving heavy loads. Knock-down design aids transport and storage. (Cat-Class 044-0090)

Sumner R-100—15' lifting height, 32" x 40" base, 311 lbs. net wt.

Sumner R-150—15' lifting height, 40" x 40" base, 311 lbs. net wt.

Sumner R-250—25' lifting height, 60" x 60" base, 381 lbs. net wt.



Cricket Pipe Cart



Grasshopper Pipe Dolly



Roust-A-Bout Portable Lift

MATERIAL HANDLING EQUIPMENT

PORTABLE MATERIAL LIFTS

PORTABLE MATERIAL LIFTS perform a wide variety of lifting applications including stacking, lifting and placing bulk materials. They are ideal for installation and maintenance applications such as HVAC, plumbing and electrical fixtures. All models feature a knock-down design for compact storage and easy transport.

- Genie GL-series models feature a straddle base with adjustable legs that straddle loads or other objects up to 36" wide. They utilize 22"L x 20"W steel forks that are raised and lowered by a manual winch.
- Genie GH-series models are telescoping, pneumatic lifts that can lift up to five times their own weight. They feature a 19"L x 24"W platform that is raised or lowered in seconds, powered by CO₂ or compressed air. Recommended air pressure is 85 PSI.
- Genie SLC-series models are larger capacity lifts that feature a knock-down design for easy transport and storage. They are equipped with 28"L reversible forks and a manual winch. 18' and 24' models include retractable stabilizers.
- Sumner 2100-series models feature a knock-down design, 28"L reversible forks and a manual winch. 18' and 24' models include fast-action stabilizer legs.
- Optional accessories are available including fork extensions, boom carriages and pipe cradles.



Genie GL-10 Straddle 10' Stacker
Optional ladder attached



Genie GH5.6 18' Telescopic Lift
Powered by CO₂ or compressed air



Genie SLC-24 24' Material Lift
Inset photo shows knock-down design



Sumner 2124 24' Material Lift
Includes fast-action stabilizer legs



	Make	Model	Type	Lift Capacity	Max Lift Height	Stowed Height	Width*	Weight	Cat-Class
	Sumner	EL-405	Stacker Lift	400 lbs.	4' 5"	61"	24"	180 lbs.	044-0078
	Genie	GL-8 Straddle	Straddle-base Stacker	400 lbs.	8'	68"	28-43"	145 lbs.	044-0086
TF	Genie	GL-10 Straddle	Straddle-base Stacker	350 lbs.	10'	78"	28-43"	149 lbs.	044-0089
	Genie	GH3.8	Telescopic Pneumatic Lift	300 lbs.	12'	41"	53"	75 lbs.	044-0092
	Genie	GH5.6	Telescopic Pneumatic Lift	250 lbs.	18'	54"	53"	82 lbs.	044-0092
TF	Genie	SLA-10	Duct Jack/Material Lift	1,000 lbs.	10'	79"	32"	260 lbs.	044-0089
TF	Genie	SLC-12	Duct Jack/Material Lift	650 lbs.	12'	86"	32"	225 lbs.	044-0089
TF	Sumner	2112	Duct Jack/Material Lift	650 lbs.	12'	84"	31"	252 lbs.	044-0089
TF	Genie	SLC-18	Duct Jack/Material Lift	650 lbs.	18'	86"	32"/66"	307 lbs.	044-0085
TF	Sumner	2118	Duct Jack/Material Lift	650 lbs.	18'	84"	31"/74"	321 lbs.	044-0085
TF	Genie	SLC-24	Duct Jack/Material Lift	650 lbs.	24'	86"	32"/66"	347 lbs.	044-0088
TF	Sumner	2124	Duct Jack/Material Lift	650 lbs.	24'	84"	31"/74"	366 lbs.	044-0088

*Dual widths shown on 18' and 24' models reflect stabilizers up/down.

MECHANICAL & ELECTRICAL TRADE TOOLS

ELECTRIC PIPE THREADERS

ELECTRIC PIPE THREADERS are offered in several configurations to match a wide range of threading applications. Hand-held, compact mounted and heavy-duty models are available, all featuring 115V operation.

Note: Please indicate the pipe diameter to be threaded at the time of your order. Threading dies are sold separately.

- Hand-held threaders combine the portability of a manual threader with the power of an electric threader. They utilize precision die heads to thread 1/2"–2" steel pipe
- Ridgid 700 also serves as a power drive for Ridgid 258 and 258XL power pipe cutters
- Compact mounted threaders provide high performance on the job or in the shop, threading up to 2" diameter pipe using die heads. All models include an on-board cutter, reamer, oiler and foot switch (may also include a stand)
- Ridgid 1224 heavy-duty model provides unmatched versatility threading larger diameter pipe, up to 4" capacity using universal die heads



Ridgid 700
Hand-held Threader/Power Drive



Ridgid 300
Compact Mount Threader



Rothenberger SUPERTRONIC 2000
Hand-held Threader



Ridgid 535
Compact Mount Threader



Ridgid 1224
Heavy-duty Threader

GEARED THREADER ADAPTERS

are available to expand the capacity of all models up to 6" diameter:

Ridgid 141, 2-1/2"–4" capacity, unit weighs 93 lbs (Cat-Class 074-0090)

Ridgid 161, 4"–6" capacity, unit weighs 140 lbs (Cat-Class 074-0105)

Ridgid 141 Geared Threader Adapter
Expands the capacity and power of threading machines utilizing an adjustable die set and a jaw clutch.



Rothenberger SUPERTRONIC 2SE
Compact Mount Threader



	Make	Model	Type	Pipe Capacity	Motor	Spindle Speed	Weight	Cat-Class
TF	Ridgid	700	Hand-Held	1/2"–2"	1/2 HP	32 RPM	25 lbs.	074-0015
TF	Rothenberger	SUPERTRONIC 2000	Hand-Held	1/2"–2"	1 HP	15-25 RPM	24 lbs.	074-0015
TF	Ridgid	300	Compact Mount	1/2"–2"	1/2 HP	32 RPM	25 lbs.	074-0075
TF	Rothenberger	SUPERTRONIC 2SE	Compact Mount	1/2"–2"	1 HP	40 RPM	167 lbs.	074-0075
TF	Ridgid	535	Compact Mount	1/2"–2"	2 HP	16/46/58 RPM	250 lbs.	074-0060
TF	Rothenberger	COLLINS 22A	Compact Mount	1/2"–2"	2-3/4 HP	54/72/100 RPM	240 lbs.	074-0060
	Ridgid	1822-1	Compact Mount	1/2"–2"	1-1/2 HP	16/45 RPM	255 lbs.	074-0045
	Ridgid	1224	Heavy-Duty Mount	1/2"–4"	1-1/2 HP	12/36 RPM	490 lbs.	074-0030

MECHANICAL & ELECTRICAL TRADE TOOLS

ELECTRIC PIPE THREADERS, MANUAL PIPE TOOLS, CHAIN VISES

POWER PIPE CUTTERS are utilized in conjunction with a Model 700 hand-held power drive (see page 194) for fast, clean square cuts on larger pipe and conduit. Both models feature an 8.5" heavy-duty cutter wheel and a foot pump/hydraulic ram to control the rate of cut.



Make	Model	Pipe Capacity	Weight	Cat-Class
Ridgid	258	2-1/2"-8"	176 lbs.	074-0195
Ridgid	258XL	8"-12"	194 lbs.	074-0210



Ridgid 258XL
Power Pipe Cutter



A MANUAL PIPE THREADING SETS enable threading of 1/2"-2" pipe and conduit. Sets include a ratchet handle and pipe die set. Set weighs 35 lbs. Ridgid 12R (Cat-Class 074-0300)

Note: Individual ratchet handles and dies may also be available.

B MANUAL PIPE CUTTERS feature heavy-duty, roller/cutter wheel design for fast, clean cutting by hand or power.

Ridgid 2-A or Rothenberger 70045: cuts 1/8"-2" pipe, weighs approximately 6 lbs. (Cat-Class 074-0240)

Ridgid 4-S or Rothenberger 70060: cuts 2"-4" pipe, weighs approximately 17 lbs. (Cat-Class 074-0255)

Ridgid 6-S: cuts 4"-6" pipe, weighs 22 lbs. (Cat-Class 074-0270)

C SOIL PIPE CUTTERS enable cutting pipe "in the soil." A ratchet-action handle allows operation in tight quarters. 1-1/2"-6" capacity. Unit weighs 25 lbs. Ridgid 246 (Cat-Class 074-0225)

D PIPE WRENCHES are offered in several sizes to match a wide variety of applications. (Cat-Class 150-1165)

Rothenberger 70154: 18" Steel, 2-1/2" capacity, 7 lbs. net wt.

Rothenberger 70156: 36" Steel, 5" capacity, 20 lbs. net wt. Rothenberger 70244: 37" Chain-type, 4" capacity, 12 lbs. net wt.

Rothenberger 70164: 48" Aluminum, 6" capacity, 20 lbs. net wt.

E BOLT CUTTERS feature tool steel center-cut jaws for cutting rebar, medium tensile and soft bolts, rods, rivets, bars and chains. (Cat-Class 150-1160) 24" length cutter: 3/8" capacity, 7 lbs. net wt. 42" length cutter: 3/4" capacity, 20 lbs. net wt.

F MANUAL OILERS feature a thumb-action pump for efficient lubrication during pipe threading. Includes a 1-gallon tank and runoff pan. Unit weighs 21 lbs. Ridgid 418 (Cat-Class 150-1185)

G PORTABLE CHAIN VISES are ideal for securing 1/8"-6" diameter pipe during fabrication. They feature a collapsible frame and include an integral tray with tool slots. (Cat-Class 074-0120)

Ridgid 460 Tri-Stand: 47 lbs. net wt; Rothenberger 00076 Tri-Stand: 68 lbs. net wt.



A



B



C



D



E



F



G

MECHANICAL & ELECTRICAL TRADE TOOLS

ROLL GROOVERS, HOLE CUTTING TOOLS

ROLL GROOVERS create a cold formed groove in pipe where fittings are attached to form a self-restraining joint. The position, depth and cross-section of this groove combine with the fitting housing in an optimal strength-to-weight relationship. The result is a permanent connection capable of withstanding throughst loads up to the maximum rated operating pressure. Roll grooving is the method of choice for preparing pipe made of standard or lightweight carbon steel, stainless steel, aluminum, PVC, copper and other metals.

- Hand model includes a built-in ratchet drive
- Mechanical and hydraulic models are used in conjunction with a Ridgid 300 power drive (see page 198)
- Self-contained models include an integral 115V motor
- Roll sets are available for steel (Schedule 10 and 40) and copper (Types K, L, M and DWV)



Ridgid 915
Hand-operated



Ridgid 918
Powered by Ridgid 300 Power drive
features a 15-ton hydraulic ram



Ridgid 916
Powered by Ridgid 300 power drive
single stroke feed mechanism



Victaulic VE416FSD
Self-contained model
with a 115V power unit,
mounting stand and
safety foot switch



Make	Model	Type	Power Source	Capacity-Steel (Schedule 10)	Capacity-Steel (Schedule 40)	Capacity-Copper (Types K, L, M, DWV)	Weight	Cat-Class
Ridgid	915	Hand	Built-in Ratchet	1-1/4"-12"	1-1/4"-6"	2"-8"	23 lbs.	074-0405
Ridgid	916	Mechanical	Ridgid 300	1-1/4"-6"	1-1/4"-3"	2"-6"	33 lbs.	074-0420
Ridgid	918	Hydraulic	Ridgid 300	1"-12"	1"-8"	2"-6"	104 lbs.	074-0435
Victaulic	VE416FSD	Self-Contained	Integral 115V	2"-16"	2"-12"	2"-8"	340 lbs.	074-0465
Victaulic	VE276FSD	Self-Contained	Integral 115V	2"-12"	2"-8"	2"-8"	335 lbs.	074-0480



HOLE CUTTING TOOLS are designed for continuous hole cutting on unpressurized pipe utilizing arbor hole saws. They are ideal for mechanical, industrial and fire protection contractors due to their ability to cut holes in a variety of pipe materials. Features a low-profile design (11-1/2" height), great for low clearance jobs. Unit is powered by a 110 RPM, 1.2 HP, 110/220V, 13-amp motor with GFCI protection and a built-in circuit breaker. Unit weighs 42 lbs. Ridgid HC-450 (Cat-Class 074-0285)

- 1/4"-4-3/4" cutting capacity (dry or oiled)
- Built-in level for multiple hole alignment; dual-side controls provide easy operation
- Heavy-duty chuck accommodates 1/8"-5/8" arbors



Ridgid HC-450
Hole Cutting Tool

MECHANICAL & ELECTRICAL TRADE TOOLS

CONDUIT BENDERS

MECHANICAL BENDERS feature ratchet action for increased leverage bending IMC and Rigid conduit. All models include a ratchet bypass for faster bending of smaller pipe, a 2-wheel undercarriage and a degree indicator.

ELECTRIC BENDERS provide accurate, repeatable bends on 1/2"–2" diameter conduit. All models feature 120V operation.

- Model 555R includes both Rigid and IMC shoe groups and a heavy-duty 2-wheel cart with foam-filled tires
- Model 854DX features built-in bending shoes. Unit includes a 4-wheel cart and operates in tabletop or upright positions
- Model 855 "Smart Bender" features programmable operation with intelligent pendant controls, digital readout, and programmable bend angles for accurate repeat bends

HYDRAULIC BENDERS are ideal for bending larger conduit up to 6" diameter.

- Model 782 tubing bender is designed for bending up to 2-1/8" diameter brass, copper, steel and aluminum tubing with 1/16" min wall thickness. Includes all standard shoe groups
- Model 884PVC bender is designed for bending PVC coated Rigid conduit. Includes shoes for bending 1-1/4", 1-1/2", 2", 3" and 4" 40 mil PVC coated Rigid conduit
- 120V 10,000 PSI hydraulic pumps for the above benders:
Model 980, 71 lbs. (Cat-Class 074-0795)
Model 960 SAPS, 92 lbs. (Cat-Class 074-0810)
- Model 881CT Cam Track® bender makes 90° one-shot bends on up to 4" conduit. Includes a 120V hydraulic pump
- Model 785G6 bender is ideal for making 90° one-shot bends on 6" Rigid conduit. Includes a 10,000 PSI hydraulic pump for continuous heavy-duty bending. 220V 1-phase operation



Greenlee 881CT
Hydraulic Bender



Greenlee 1800
Mechanical Bender



Greenlee 854DX
Electric Bender



Greenlee 782
Hydraulic Bender



Greenlee 555R
Electric Bender



Greenlee 785G6
Hydraulic Bender



Greenlee 884PVC
Hydraulic Bender



	Make	Model	Type	Conduit Capacity	Weight	Cat-Class
TF	Greenlee	1800	Mechanical	1/2", 3/4", 1" IMC and Rigid	81 lbs.	074-0825
TF	Greenlee	1801	Mechanical	1-1/4", 1-1/2" IMC and Rigid	104 lbs.	074-0840
TF	Greenlee	1818	Mechanical	3/4"–2" EMT, 1/2"–1-1/4" IMC, 1/2"–1-1/2" Rigid and aluminum	250 lbs.	074-0855
TF	Greenlee	854DX	Electric	1/2"–2" EMT, IMC and Rigid	510 lbs.	074-0870
TF	Greenlee	855	Electric	1/2"–2" EMT, IMC and Rigid	510 lbs.	074-0870
TF	Greenlee	555R	Electric	1/2"–2" Rigid, 1/2"–1-1/4" IMC	393 lbs.	074-0885
	Greenlee	782	Hydraulic	3/4"–2-1/8" Tubing	124 lbs.	074-0930
	Greenlee	884PVC	Hydraulic	1-1/4"–4" PVC Coated Rigid	388 lbs.	074-0960
	Greenlee	881CT	Hydraulic	2-1/2"–4" EMT, IMC and Rigid	999 lbs.	074-0975
	Greenlee	785G6	Hydraulic	6" Rigid (90° one-shot bends)	900 lbs.	074-0990

MECHANICAL & ELECTRICAL TRADE TOOLS

PVC HEATERS, CONDUIT RACKS, FISH SYSTEMS, CABLE PULLERS

ELECTRIC PVC HEATERS are ideal for bending PVC pipe and conduit up to 6" diameter. Easy to use: preheat for 10 minutes, open lid and position PVC, close lid, rotate until pliable, open lid, remove PVC and form bend. Each model is equipped with sturdy wheels (except model 849) for easy mobility and on/off switch with indicator light.



Greenlee 851



Greenlee 847

Make	Model	Conduit Capacity	Voltage	Amp Rating	Length	Weight	Cat-Class
Greenlee	849	1/2"-2" PVC	120V	20	26"	15 lbs.	074-0540
Greenlee	851	1/2"-4" PVC	120V	20	52"	53 lbs.	074-0555
Greenlee	847	1/2"-6" PVC	230V	30	71"	78 lbs.	074-0570

MOBILE CONDUIT RACKS provide individual bins for storing and transporting multiple sizes of pipe, tubing and conduit on the job. Racks feature steel construction and folding arms for easy storage. Include heavy-duty 6" casters for job site mobility. Capacity: 1,000 lbs. (Cat-Class 074-0705)

Greenlee 668: 59"L x 34"W x 64"H, 113 lbs. net wt.

Sumner Mac Rack: 59"L x 33"W x 62"H, 145 lbs. net wt.

Greenlee 668
Mobile Conduit Rack



POWER FISH SYSTEMS are rugged, self-contained electric units that include everything needed to blow or vacuum fish line, poly line, or measuring tape. 120V operation. Unit weighs 50 lbs. Greenlee 690 (Cat-Class 074-0180)

- Handles 1/2"-4" conduit (5"-6" with optional foam pistons)
- Includes 10' hose, 11 gallon tank and storage box
- Doubles as a wet vac for cleaning up water and debris

Note: A manual, 65' steel fish tape is also available. Greenlee 438-5 (Cat-Class 150-1190)

Greenlee 690
Power Fish System



ELECTRIC CABLE PULLERS provide the power and versatility to perform a wide variety of cable pulling applications. Units include a 120V power unit, pipe adapter, mobile extension boom, floor mount and other accessories.

Note: Cable sheaves and rollers are available for use with electric cable pullers.

Current Tools 8890
Cable Puller



Greenlee 6806
Cable Puller



Make	Model	Max Pull	Pull Speed @ Rated Load	Rope Diameter	Weight	Cat-Class
Greenlee	UT2	2,000 lbs.	22.0 FPM	1/2"	67 lbs.	074-0720
Greenlee	6003	6,500 lbs.	6.0 FPM	3/4"	454 lbs.	074-0750
Greenlee	6806	8,000 lbs.	7.5 FPM	7/8"	750 lbs.	074-0765
Current Tools	8890	8,000 lbs.	7.0 FPM	3/4"	745 lbs.	074-0765

MECHANICAL & ELECTRICAL TRADE TOOLS

SHEAVES & ROLLERS

GREENLEE CABLE SHEAVES AND ROLLERS are utilized with electric cable pullers to provide extra versatility in a variety of pulling applications. A wide selection of cable sheaves and rollers are available.

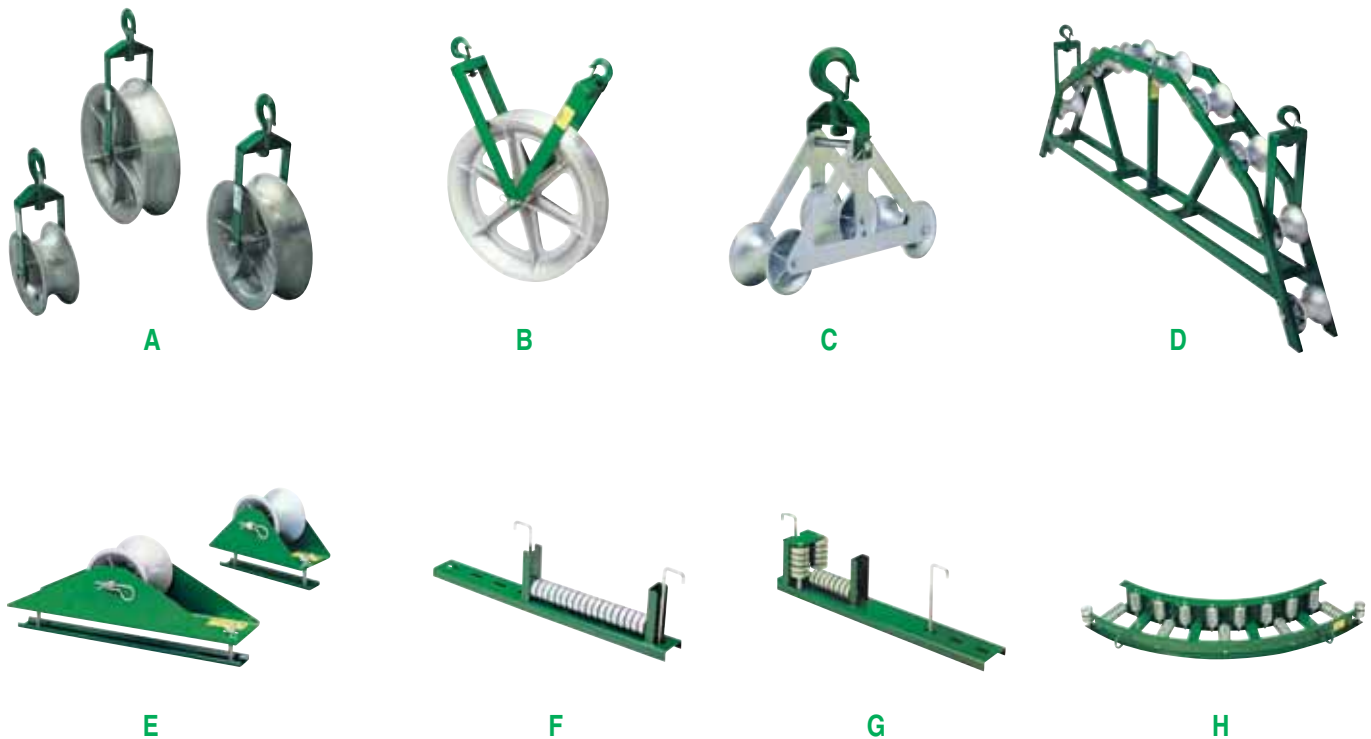


Figure	Model	Drive/Style	Inside Radius	Width	Max. Capacity	Weight	Cat-Class
A	650	Hook Sheave — 6"	1-1/2"	5"	4000 lbs.	9 lbs.	150-1126
A	8012	Hook Sheave — 12"	3-7/8"	5"	8000 lbs.	28 lbs.	150-1127
A	8018	Hook Sheave — 18"	7"	6"	8000 lbs.	44 lbs.	150-1128
A	8024	Hook Sheave — 24"	9-7/8"	6-1/2"	8000 lbs.	67 lbs.	150-1129
B	639	Rt. Angle Twin Yoke Sheave	9-13/16"	5"	4000 lbs.	45 lbs.	150-1131
C	6036	Triple Sheave Cable Guide	Adjustable	5"	6500 lbs.	28 lbs.	150-1134
D	638	Radius Cable Sheave, 8-wheel	36"	5"	4000 lbs.	85 lbs.	150-1141
D	631	Radius Cable Sheave, 10-wheel	48"	5"	4000 lbs.	115 lbs.	150-1143
E	658	Tray-Type Sheave	12" length	5"	4000 lbs.	11 lbs.	150-1147
E	659	Tray-Type Sheave	22" length	5"	4000 lbs.	17 lbs.	150-1148
F	2018S	Straight Cable Roller	12"-18" wide tray	n/a	4000 lbs.	8 lbs.	150-1151
F	2024S	Straight Cable Roller	20"-24" wide tray	n/a	4000 lbs.	10 lbs.	150-1151
F	2030S	Straight Cable Roller	24"-30" wide tray	n/a	4000 lbs.	13 lbs.	150-1151
F	2036S	Straight Cable Roller	30"-36" wide tray	n/a	4000 lbs.	15 lbs.	150-1151
G	2018R	Radius Cable Roller	12"-18" wide tray	n/a	4000 lbs.	11 lbs.	150-1159
G	2024R	Radius Cable Roller	20"-24" wide tray	n/a	4000 lbs.	12 lbs.	150-1159
G	2030R	Radius Cable Roller	24"-30" wide tray	n/a	4000 lbs.	13 lbs.	150-1159
G	2036R	Radius Cable Roller	30"-36" wide tray	n/a	4000 lbs.	14 lbs.	150-1159
H	20249R	Right Angle Roller	24" radius 90°	n/a	4000 lbs.	41 lbs.	150-1167
H	20369R	Right Angle Roller	36" radius 90°	n/a	4000 lbs.	53 lbs.	150-1167

MECHANICAL & ELECTRICAL TRADE TOOLS

CABLE FEEDERS, REEL ROLLERS, CABLE BENDERS, PUNCH DRIVERS

ELECTRIC CABLE FEEDERS are designed to work with an electric puller, feeding cable at variable speeds to match the speed of the puller. They accommodate cable ranging up to 3.5" diameter and feature dual motors for traction on both sides of the cable. Easy one-person setup and operation. 115V operation. Unit weighs 285 lbs. Greenlee 6810 (Cat-Class 074-0360)

- Two cable loading methods: top-loading and end-loading
- Accommodates up to 3.5" diameter cable
- Variable 4–36 FPM speed operation to match puller
- Maximum tractive force: 200 lbs. (single cable), 800 lbs. (all cables)



Greenlee 6810 Electric Cable Feeder

Greenlee CTF200 (Cat-Class 074-0361)
Weight: Feeder: 57 lbs., Mounting System: 12 lbs.



Greenlee CTF200 Electric Cable Feeder

ELECTRIC CABLE REEL ROLLERS are designed to make cable pay-out and take-up easier when handling large, heavy reels of cable. Unit features a heavy-duty welded frame and self-aligning pillow block bearings for rugged operation. Overall dimensions: 61"L x 122"W x 19"H. 120V operation, 10 amp rating. Unit weighs 2,500 lbs. (Cat-Class 074-0780)

- 30,000 lb. capacity
- On/off foot pedal for remote operation
- Handles up to 96" width, 12' diameter reels
- Speed control for variable cable feeding rates



Cable Reel Roller

HYDRAULIC PUNCH DRIVER SETS enable fast "knockouts" in steel studs and other members up to 10 gauge for running conduit. The driver sets below include drivers, Slug-Buster punches, dies and draw studs, related accessories and a carrying case.

- Right angle driver model rotates over 180° for flexibility in tight work areas.
- Hydraulic ram model with hand pump provides more power and capacity



Greenlee 7906SB
Right Angle Driver

Greenlee 7310SB
Hydraulic Ram

SlugBuster
Knockout Punch

HYDRAULIC CABLE BENDERS provide one-shot bends up to 90° and automatically unloads cable. They utilize a foot pump that keeps both hands free to hold the cable. Unit weighs 36 lbs. Greenlee 800F1725 (Cat-Class 074-1005)

- Capacity: 350–1,000 MCM, 600 volt, 350–750 MCM compact cable
- Compact design allows bending in tight spaces
- Includes foot pump, high pressure hose unit and storage box



Greenlee 800F1725
Hydraulic Cable Bender



Make	Model	Type	Capacity	Max Force	Weight	Cat-Class
Greenlee	7906SB	Right angle hydraulic driver	1/2"–2"	8 ton	14 lbs.	074-0135
Greenlee	7310SB	Hydraulic ram with hand pump	1/2"–4"	11 ton	54 lbs.	074-0150

MECHANICAL & ELECTRICAL TRADE TOOLS

CABLE REEL STANDS, WIRE CARTS, POWER CABLE CUTTERS

CABLE REEL STANDS are ideal for feeding large cable reels during cable installations. Both screw and ratchet-types are available, each featuring roller bearing spindle mounts. Sumner models feature self-lubricating roller bearings. Matching spindles are also available. (see chart below)



Sumner Spindle
Stands



Sumner Screw-Type Stand



Greenlee Ratchet-Type Stand



Greenlee Cable Reel Stand Set Up
Two stands and one spindle are required

Make	Model	Type	Capacity	Work Height	Matching Spindle	Weight	Cat-Class
Greenlee	687	Screw	2,500 lbs.	13"-28"	647	25 lbs.	074-0315
Sumner	65	Screw	2,500 lbs.	16"-27"	61	24 lbs.	074-0315
Greenlee	683	Screw	2,500 lbs.	22"-54"	684	49 lbs.	074-0330
Sumner	75	Screw	2,500 lbs.	24"-53"	71	34 lbs.	074-0330
Greenlee	656	Ratchet	3,750 lbs.	28"-47"	657	94 lbs.	074-0345
Sumner	80	Ratchet	3,750 lbs.	28"-45"	81	99 lbs.	074-0345

Spindles

Make	Model	Diameter	Capacity	Length	Matching Stand	Weight	Cat-Class
Greenlee	647	2-3/8"	5,000 lbs.	62"	687	42 lbs.	150-1120
Sumner	61	2-3/8"	5,000 lbs.	62"	60	39 lbs.	150-1120
Greenlee	684	2-3/8"	5,000 lbs.	76"	683	50 lbs.	150-1120
Sumner	71	2-3/8"	5,000 lbs.	76"	70	47 lbs.	150-1120
Greenlee	657	3-1/2"	7,500 lbs.	100"	656	124 lbs.	150-1120
Sumner	81	3-1/2"	7,500 lbs.	100"	80	119 lbs.	150-1120

WIRE CARTS are ideal for storing and dispensing spools of wire and cable. Carts include 10 spindles that accommodate up to 18" diameter spools. They feature all-welded steel construction and a heavy-duty caster base. (Cat-Class 074-0690)

Greenlee 910: 36"L x 32"W x 59"H, 213 lbs. net wt.

Sumner Ten Pack Mac: 41"L x 33"W x 57"H, 179 lbs. net wt.

- Fits through a 36" doorway
- Spindles are angled and masts rotate 360°



Greenlee 910 Wire Cart

POWER CABLE CUTTERS are ideal for high-speed cutting of aluminum and copper cable. Battery-powered and hydraulic models are available.

- Electric model features automatic ram retraction and a 360° rotating cutting head
- Hydraulic model features an 11-ton hydraulic ram that cuts cable in only 7 seconds Includes a hand-operated pump



Greenlee ESG50GL11
Electric Cable Cutter



Greenlee 750H67
Hydraulic Cable Cutter



Make	Model	Type	Capacity	Power Source	Weight	Cat-Class
Greenlee	ESG50GL11	Electric	2" diameter aluminum or copper cable	12V rechargeable battery (includes 120V charger)	10 lbs.	074-0660
Greenlee	750H67	Hydraulic	1,000 MCM aluminum or copper cable	Hydraulic hand pump (included)	29 lbs.	074-0675

MECHANICAL & ELECTRICAL TRADE TOOLS

CRIMPING TOOLS, CIRCUIT TRACERS, SIDING BRAKES, PRESS TOOLS



DIELESS CRIMPERS are hand-operated hydraulic tools utilized for crimping cable connectors without dies. They feature automatic force adjustment and a swivel head that rotates 180°. Cable capacity is 4AWG–1,000MCM with a maximum crimping force of 15 tons. Unit weighs 17 lbs. Greenlee 1990 (Cat-Class 074-0600)



Greenlee 1990
Dieless Crimper



ELECTRIC CRIMPING TOOLS provide up to 12 tons of force for crimping industrial, grounding and overhead electrical connectors. Unit is powered by a 12V rechargeable battery and weighs 15 lbs. Greenlee EK1240 (Cat-Class 074-0630)

- Utilizes U-type dies with a 1.65" opening
- Includes 120V charger



Greenlee EK1240
Electric Crimping Tool

CIRCUIT TRACERS are battery-powered, microprocessor-controlled circuit testers that operate without interrupting power. Ideal for tracing concealed wiring, locating junction boxes and breakers, finding breaks in wires and detecting shorts. Unit weighs 4 lbs. Greenlee 2011 (Cat-Class 074-0390)

- Includes transmitter, receiver, leads and carrying case
- 0-600V AC/DC capacity range



Greenlee 2011
Circuit Tracer



SIDING BRAKES are portable bending machines designed for custom bending of aluminum and galvanized steel siding in residential and commercial applications. Versatile design accommodates decorative bends, overhangs, undersills, outside corners, windows and soffits. Includes built-in carrying handles, folding legs and a 10' 6" length. Unit weighs 114 lbs. Van Mark M1060 (Cat-Class 073-0001)

- Capacity: 0.040" aluminum, 24-gauge steel
- Cam locking system provides smooth operation
- Removable full-loop bending handle assures even bends



Van Mark M1060
Siding Brake

CABLE LOCATORS are ideal for detecting buried telephone, power and CATV cables plus gas, sewer and water lines. Systems include a transmitter and receiver, featuring battery-powered operation. Operating modes include active line, passive line, and radio. Ditch Witch 150R/T or 910R, Greenlee Tracker II (Cat-Class 011-0025)



Greenlee Tracker II
Cable Locator



Ditch Witch 150R/T
Cable Locator



HANDHELD PRESS TOOLS are battery-powered fitting presses utilized with copper and brass press-type fittings up to 2" diameter for making pipe and tubing connections on the job. Both models include a 1/2"–2" jaw set and a 115V charger.

- Ridgid model features a 90° swiveling barrel for accessing hard-to-reach areas
- Rothenberger model features 270° head rotation and balanced weight distribution



Rothenberger Pressliner



Ridgid 320-E

Make	Model	Max Force	Power Source	Cycle Time	Weight*	Cat-Class
Ridgid	320-E	7,200 lbs.	14.4V	7 sec.	11 lbs.	074-0650
Rothenberger	Pressliner	7,200 lbs.	12V	8 sec.	15 lbs.	074-0650

*Weights shown reflect tool only, without press jaws.

MEDIA BLASTERS

PORTABLE ABRASIVE BLASTERS, SODA BLASTERS, DRY ICE BLASTERS

PORTABLE ABRASIVE BLASTERS utilize compressed air to propel abrasive blast media against a work surface. Applications include rust and scale removal, anchor pattern creation, surface preparation prior to bonding or coating, cosmetic finishing and coating or contaminant removal.

- Rugged steel pots with compact designs and 2-wheel mounting for portability
- Pneumatic remote controls with 55' control hose
- 50' blast hose with matching blast nozzle
- All models include a protective hood and 25' air supply hose

Notes:

1. Not recommended for use with silica sand, due to health and environmental concerns.
2. Air compressors and air hose available for rent (see pages 22-25)



Schmidt 6.5 cu. ft. Portable Abrasive Blaster

Make	Pot Capacity	Media Capacity	Suggested Nozzle	Air Consumption @ 100 PSI	Media Consumption @ 100 PSI	Weight	Cat-Class
Schmidt	1.5 cu. ft.	100 lbs.	No. 3 (3/16")	49 CFM	320 lbs./hr.	130 lbs.	019-0100
Schmidt	3.5 cu. ft.	300 lbs.	No. 4 (1/4")	90 CFM	560 lbs./hr.	240 lbs.	019-0300
Schmidt	6.5 cu. ft.	600 lbs.	No. 5 (5/16")	150 CFM	900 lbs./hr.	390 lbs.	019-0600



SODA BLASTERS provide an effective, economical and environmentally superior method for cleaning, paint removal and degreasing. Applications include industrial cleaning, architectural cleaning, graffiti removal, mold remediation and fire restoration. Overall dimensions: 26"L x 26"W x 60"H. Unit weighs 270 lbs. Schmidt Accustrip 12SX (Cat-Class 019-0050)

- Uses ARMEX® sodium bicarbonate blast media, which is nontoxic, non-hazardous and nonsparking (as defined by OSHA and EPA)
- Blaster is powered by an 80 PSI compressed air source
Most applications can be performed with 185 CFM or less
- Nozzles are available for specific applications



Graffiti Removal

Schmidt Accustrip 12SX Soda Blaster

DRY ICE BLASTERS utilize high-velocity dry ice pellets to clean surfaces without causing damage or creating additional waste. Ideal for mold remediation, fire and smoke restoration, paint stripping and coating removal, and cleaning sensitive electrical and mechanical equipment. Compressed air is used to accelerate the dry ice pellets, which are made from food grade carbon dioxide (CO₂).

- Nozzles are available for specific applications
- Pneumatic/Electric operation—requires 120V electric power and an external compressed air source (50–150 CFM @ 80 PSI, depending upon the nozzle being used)



Mold remediation



Fire restoration



Cold Jet AERO 80-DX
80 lb. Dry Ice Blaster



Make	Model	Media Capacity	Blast Pressure	Feed Rate	Overall Dimensions	Weight	Cat-Class
Cold Jet	Aero 40	40 lbs.	20–250 PSI	0–4.5 lbs./min	36"L x 20"W x 40"H	257 lbs.	019-0070
Cold Jet	Aero 75-DX	75 lbs.	30–300 PSI	0–7 lbs./min	37"L x 20"W x 40"H	315 lbs.	019-0080
Cold Jet	Aero 80-DX	80 lbs.	20–300 PSI	0–7 lbs./min	43"L x 20"W x 46"H	389 lbs.	019-0080
Nu-Ice Age	CO2-AP	40 lbs.	60–250 PSI	0–4 lbs./min	32"L x 20"W x 36.5"H	162 lbs.	019-0070

MEDIA BLASTERS

VAPOR ABRASIVE BLASTERS

VAPOR ABRASIVE BLASTERS offer an environmentally-friendly, powerful means of cleaning and restoring delicate surfaces without causing damage, as well as industrial blasting and coating removal. EcoQuip systems utilize advanced technology to bring the blasting industry the first system that can be used at pressures as low as 30 PSI for delicate surfaces like sandstone and limestone or as high as 125 PSI for stubborn surface coatings. This method utilizes less abrasive than conventional dry blasting and creates less waste material to dispose of. This technique is ideal for industrial cleaning, architectural cleaning, paint stripping, mold remediation, and fire and smoke restoration.

- Eliminates up to 95% of all airborne particles and dust, which reduces containment cost
- Suitable for refurbishing many delicate surfaces, such as marble, brick or wood
- Media consumption of 100-250 lbs. an hour
- Compatible with any standard abrasive heavier than water (steel grit not recommended)
- Blast pressures from 30-140 PSI
- Blaster is powered by an external compressed air source (185-375 CFM)



Industrial & Surface Cleaning



Graffiti Removal



Smoke Restoration



Coating Removal



Ecoquip 200T
Vapor Abrasive Blaster

Air compressors and air hose available for rent (see pages 22-25)



Ecoquip 400T
Vapor Abrasive Blaster



Ecoquip 600C
Vapor Abrasive Blaster



Make	Model	Media Capacity	Blast Pressure	Feed Rate	Overall Dimensions	Dry Weight	Cat-Class
Ecoquip	EQ200C	600 lbs.	30-120 PSI	100-250 lbs./hr	71.5" L x 35"W x 56"H	1,100 lbs.	019-1600
Ecoquip	EQ200T ¹	600 lbs.	30-120 PSI	100-250 lbs./hr	174"L x 68"W x 62"H	4,000 lbs.	019-1610
Ecoquip	EQ400T ¹	600 lbs.	30-140 PSI	100-250 lbs./hr	71.5"L x 35"W x 56"H	1,100 lbs.	019-1620
Ecoquip	EQ600C	600 lbs.	30-140 PSI	100-250 lbs./hr	198"L x 87"W x 74"H	6,080 lbs.	019-1630

¹Trailer mounted with own air compressor.

PAINT SPRAYERS

AIRLESS PAINT SPRAYERS, FINE FINISH PAINT SPRAYERS

AIRLESS PAINT SPRAYERS are general-purpose, self-contained systems that provide professional results. Interior applications include spraying walls, ceilings, trim and doors. Exterior applications include buildings, structures, houses, siding, trim, decks and fences. All models feature 115V operation and include a spray gun and 50' pressure hose.

- RentSpray 400 is a skid-mounted sprayer, ideal for single gun residential and commercial applications
- RentSpray 600 is a higher output sprayer, with high rider (2-wheel dolly) mounting
- Impact 740 is a heavy-duty sprayer that handles tougher coatings, with high rider (2-wheel dolly) mounting



Titan RentSpray 400
0.47 GPM Electric Sprayer



Titan RentSpray 600
0.60 GPM Electric Sprayer



Titan Impact 740
0.80 GPM Electric Sprayer



**Recommended Tip Sizes
for Common Coatings**

Material	Tip Size (in.)
Stain or Lacquer	.011-.013
Oil Base Paint	.013-.015
Latex Paint	.015-.019
Heavy Latex, Smooth Elastomeric	.021-.025
Elastomeric and Block Filler	.025-.035+



Make	Model	Type	Power Source	Applications	Max Tip Size	Max GPM	Max PSI	Mounting	Weight	Cat-Class
Titan	RentSpray 400	Electric	.75 HP 115V	Latex & oil based paints, enamels, clear coats	.021"	0.47	3,100	Skid	35 lbs.	073-0035
Titan	RentSpray 600	Electric	1.2 HP 115V	Latex & oil based paints, enamels, clear coats	.024"	0.60	3,300	High Rider	57 lbs.	073-0038
Titan	Impact 740	Electric	2.0 HP 115V	Latex & oil based paints, enamels, primers, epoxies, block fillers, clear coats	.029"	0.80	3,300	High Rider	85 lbs.	073-0040



FINE FINISH SPRAYERS are ideal for spraying finishes on metal and wood surfaces including trim, shelves, mantels, doors and cabinets. They feature a versatile 4-stage turbine unit designed to apply a wide range of coatings, from ultra-thin stains to heavy latex paint. 115V operation. Unit weighs 22 lbs. Titan CapSpray 95 (Cat-Class 073-0037)

- Ideal for applying latex and oil enamels, stains, lacquers, varnish and other clear coats
- 9.5 max PSI
- Built in tool box and cup holder
- Spray gun and 30' hose

Titan CapSpray 95
Fine Finish Sprayer



PAINT SPRAYERS

TEXTURE SPRAYERS, LINE STRIPERS, WALLPAPER STEAMERS



TEXTURE SPRAYERS are self-contained spray machines ideal for applying acoustic and textured finishes to residential and commercial interior walls and ceilings. They handle a variety of materials including orange peel, splatter, knockdown and popcorn finishes; textured elastomerics; deck coatings; and some cement-based materials. 115V operation, 15A rating. Unit weighs 97 lbs. Titan PowrTex 600DD (Cat-Class 073-0036)

- Includes a 2 HP electric air compressor (11.4 max CFM)
- 3.0 GPM max output
- 100 PSI max operating pressure
- 2 wheel dolly mounting
- 20 gal. material hopper
- 25' pressure hose and spray gun



Titan PowrTex 600DD
Electric Texture Sprayer



LINE STRIPERS are ideal for striping parking lots, roads and streets, runways, paths and athletic fields. They feature walk-behind operation, powered by a Subaru 4.3 HP gas engine. Unit weighs 160 lbs. Titan PowrLiner 2800M (Cat-Class 073-0042)

- Sprays most traffic paints and architectural coatings
- 2"– 24" adjustable spray width
- .030" max tip size
- 0.85 GPM max output, 3,300 PSI max operating pressure
- 3-wheel mounting with pneumatic tires and front guide wheel
- Spray gun can be removed easily for stenciling and spray painting



Titan PowrLiner 2800M
Gas Line Stripper



Hiretech HTW 7181
Wallpaper Steamer

WALLPAPER STEAMERS

are ideal for removing all types of wallpaper, including multi-layer and painted over paper. 115V operation. Hiretech HTW 7181: 1.5 gal. water tank, 13' steam hose, 8" x 17" steam plate, 13.5A rating, 15 lbs. Earlex LMB-150: 1.9 gal. water tank, 16' steam hose, 10" x 13" steam pan, 12.5A rating, 21 lbs. (Cat-Class 073-0050)



Hiretech HTP 9060
Wallpaper Perforator

WALLPAPER PERFORATORS

are used in conjunction with a wallpaper steamer to quickly and safely perforate wallpaper to speed the penetration of steam for fast, effective stripping. Hiretech HTP 9060 or Earlex PPF1 (Cat-Class 150-1215)

PILE DRIVING & DRILLING EQUIPMENT

HYDRAULIC VIBRATORY DRIVER/EXTRACTORS, HYDRAULIC DRILLS



HYDRAULIC VIBRATORY DRIVER/EXTRACTORS

- APE, ICE, MKT and other brands
- Diversified product line of hydraulic vibratory driver/extractors
- Diesel-driven hydraulic power packs



MKT V2B

Excavator-mounted Hydraulic Driver/Extractor
Extracting wood pilings on a demolition site



APE 150

Hydraulic Driver/Extractor
Driving Z steel sheeting



HYDRAULIC DRILLS

- Continuous flight
- Excavator-mounted drills
- Drilling rigs available
- U-type swinging and fixed leads in 8" x 26", 8" x 32" and larger sizes, plus vertical travel leads available
- Hydraulic spotters available with extended lengths ranging from 25' to 60'



Above: **ICE EX225** Excavator-mounted Hydraulic Dangle Drill

Left: **APE model 50** Hydraulic Drill

PILE DRIVING & DRILLING EQUIPMENT

DIESEL PILE HAMMERS, CONCRETE PILE CUTTERS



DIESEL PILE HAMMERS

- Berminghammer, ICE, APE and other brands of equipment
- Pressure injected, with remote throttle and impact atomized
- Air impact hammers available
- U-type swinging and fixed leads in 8" x 26", 8" x 32" and larger sizes, plus vertical travel leads available
- Hydraulic spotters available with extended lengths ranging from 25' to 60'



Berminghammer 6505

Diesel Pile Hammer

Equipped with a fixed hydraulic spotter, shown driving 24" concrete piling



Berminghammer B21

Freestanding Diesel Pile Hammer

Equipped with hydraulic trip, shown driving steel sheet piling



Berminghammer B21

Diesel Pile Hammer

Driving 14" steel H piling on a bridge construction site



CONCRETE PILE CUTTERS

- Pile cutting and crushing for bridge demolition
- Pile crushing for bridge construction
- Crushing of auger cast-in-place piling



LBT 16 16" Concrete Pile Cutter

Crushing round concrete piling



For more information about renting and purchasing pile driving and drilling equipment, call Sunbelt Rentals Pile Driving Services at 800-223-8427.

PRESSURE WASHERS

COLD WATER PRESSURE WASHERS, PRESSURE WASHER ACCESSORIES

COLD WATER PRESSURE WASHERS provide the power to quickly remove loose paint, grime, rust, barnacles, mildew and other buildups in numerous residential and commercial applications. Cleaning times are reduced dramatically compared to traditional methods. Pressure washers actually save water, utilizing only about 1/3 the GPM of a standard garden hose. Chemical cleaners and detergents can be added for extra cleaning power.

- Mounted on 2-wheel or 4-wheel dollies for portability
- 50' high-pressure, quick-disconnect hose and a trigger gun matched to each model
- Nozzles available for 0–40° spray patterns
- All-purpose cleaners and heavy-duty degreasers available
- Selection of accessories available (see below)



Applications:

2,000 PSI Models—ideal for cleaning wood decks, siding, patios, driveways and sidewalks.

3,000 PSI Models—More powerful models, for cleaning concrete slabs, roadways, brickwork and loose paint removal.

4,000/5,000 PSI Models—Heavy-duty for more severe applications such as paint removal from concrete, cleaning concrete forms and brick cleaning.



Mi-T-M 2,000 PSI, 6.5 HP



Mi-T-M 3,000 PSI, 13 HP



Shark DGA 3,500 PSI, 13 HP



Shark BG 4,000 PSI, 13 HP



Mi-T-M 5,000 PSI, 20 HP



	Make	Model	Max PSI	Max GPM	Engine	Fuel Tank	Run Time	Weight	Cat-Class
TF	Mi-T-M	JP-2003-1SHB	2,000	3.0	Honda 6.5 HP gas	1.0 gal.	1.9 hrs.	75 lbs.	016-0110
	Shark	DG-232437	2,400	2.3	Honda 5.5 HP gas	3.3 qts.	1.5 hrs.	125 lbs.	016-0120
TF	Mi-T-M	JP-2403-0MHB	2,400	2.4	Honda 6.5 HP gas	1.0 gal.	1.9 hrs.	75 lbs.	016-0130
TF	Shark	DD-252737	2,700	2.5	Honda 5 HP gas	3.3 qts.	1.5 hrs.	99 lbs.	016-0130
TF	Shark	DG-252737	2,700	2.5	Honda 6.5 HP gas	3.1 L.	1.5 hrs.	180 lbs.	016-0130
TF	Shark	DGA-252737	2,700	2.5	Honda 6.5 HP gas	3.3 qts.	1.5 hrs.	125 lbs.	016-0130
TF	Mi-T-M	CW-3004-4SGH	3,000	3.5	Honda 13 HP gas	1.6 gal.	2.9 hrs.	216 lbs.	016-0210
TF	Shark	BG-373537	3,500	3.7	Honda 11.7 HP gas	3.1 L.	2.5 hrs.	250 lbs.	016-0210
TF	Shark	DGA-303037	3,000	3.0	Honda 5.5 HP gas	3.3 qts.	2 hrs.	148 lbs.	016-0210
TF	Shark	DGA-383537	3,500	3.8	Honda 13 HP gas	3.1 L.	2.5 hrs.	172 lbs.	016-0240
TF	Shark	BG-304037	4,000	3.0	Honda 13 HP gas	6.4 qts.	2.5 hrs.	250 lbs.	016-0310
TF	Mi-T-M	JCW-4004-1MHB	4,000	3.0	Honda 13 HP gas	1.7 gal.	1.5 hrs.	195 lbs.	016-0310
TF	Mi-T-M	CW-4003-3SGH	4,000	3.0	Honda 13 HP gas	1.6 gal.	2.9 hrs.	216 lbs.	016-0310
	Shark	BR-405037E	5,000	4.0	Honda 20 HP gas	5.6 qts.	6 hrs.	495 lbs.	016-0410
	Mi-T-M	CWC-5004-1MGH ¹	5,000	4.0	Honda 20 HP gas	11.0 gal.	5.5 hrs.	378 lbs.	016-0410

¹This model features electric starting.

PRESSURE WASHER ACCESSORIES



Telescopic Extension Wand
Available in 12', 18' and 24' reach models



Detergent Injector



Turbo Tip Rotating Nozzle



Rotary Surface Scrubber



Performance Under Pressure.™



Mi-T-M manufactures a complete line of pressure washers for industrial and residential applications. From hand carry and portable to stationary, direct drive and belt drive, electric, gasoline, diesel and natural gas.

mitm.com

PRESSURE WASHERS

HOT WATER PRESSURE WASHERS

HOT WATER PRESSURE WASHERS quickly remove oil, grease and other buildups from almost any surface. These units combine pressure, heat and chemicals for unequaled cleaning power. Electric and gas types are available and include a trigger gun and a 50' high-pressure hose.

Electric-Driven models provide outstanding performance in applications where an electric power source is available and/or where engine-driven units cannot be used.

- Utilize electric power for the motor/pump and diesel fuel or fuel oil to heat the water
- Rugged steel chassis, roll cage and 4-wheel mounting
- Large fuel tanks provide hours of uninterrupted operation

Gas Engine-Driven models feature dual fuel (diesel fuel or fuel oil) burners, a rugged steel chassis with roll cage and Honda electric-start gas engines. Mounting options include skids, 4-wheel carts with pneumatic tires and towable trailers with onboard water tanks. All models include a trigger gun and a 50' high-pressure hose.

- Shark 3,500 PSI models include an onboard 2,000 watt AC generator to power the burner
- Mi-T-M 3,500 PSI models include an onboard 2,500 watt AC generator



Hot water pressure washers are ideal for cleaning oil and greasy buildups from almost any surface.



Mi-T-M Electric
1,000 PSI, 110V



Shark Electric
1,000 PSI & 2,000 PSI models available, 120V



Mi-T-M Gas
2,400 PSI, 6.5 HP



Mi-T-M Gas
3,500 PSI, 20 HP
Towable trailer model available



Shark Gas
3,000 PSI, 11 HP



Shark Gas
3,500 PSI, 20 HP
Towable trailer model



Electric-Driven Models

Make	Model	Max PSI	Max GPM	Mounting	Power Source	Burner Fuel Tank	Burner Run Time	Weight	Cat-Class
Mi-T-M	HSE-1002-0M11	1,000	2.0	4-wheel	110V, 15A	4.0 gal.	3.0 hrs.	245 lbs.	016-0020
Shark	STP-231007D	1,000	2.1	4-wheel	120V, 15A	6.7 gal.	6.7 hrs.	480 lbs.	016-0020
Shark	STP-352007A	2,000	3.5	4-wheel	230V, 22A	6.7 gal.	3.8 hrs.	500 lbs.	016-0230

Gas Engine-Driven Models

Make	Model	Max PSI	Max GPM	Mounting	Engine	Engine Fuel Tank	Engine Run Time	Burner Fuel Tank	Burner Run Time	Weight	Cat-Class
Mi-T-M	HSP-2403-3MGH	2,400	2.6	4-wheel	Honda 6.5 HP	1.0 gal.	1.9 hrs.	4.0 gal.	2.6 hrs.	269 lbs.	016-0140
Mi-T-M	HSP-3004-3MGH	3,000	3.5	4-wheel	Honda 13 HP	1.7 gal.	1.5 hrs.	5.5 gal.	4.0 hrs.	428 lbs.	016-0220
Shark	SGP-353037E	3,000	3.5	4-wheel	Honda 11 HP	2.0 gal.	1.7 hrs.	6.0 gal.	4.5 hrs.	530 lbs.	016-0220
Mi-T-M	HS-3505-0MGH	3,500	4.7	Skid	Honda 20 HP	10.0 gal.	5.0 hrs.	10.0 gal.	3.0 hrs.	750 lbs.	016-0260
Mi-T-M	AW-9000-0002 ¹	3,500	4.7	Trailer	Honda 20 HP	10.0 gal.	5.0 hrs.	10.0 gal.	3.0 hrs.	750 lbs.	016-0270
Shark	SSG-503537E/G	3,500	4.7	4-wheel	Honda 20 HP	6.0 gal.	3.0 hrs.	9.0 gal.	4.0 hrs.	1,020 lbs.	016-0260
Shark	TRS-3500 ²	3,500	4.7	Trailer	Honda 20 HP	6.0 gal.	3.0 hrs.	9.0 gal.	4.0 hrs.	1,775 lbs.	016-0270

¹Mi-T-M trailer model includes a 450 gal. water tank. ²Shark trailer model includes a 200 gal. water tank.

PUMPS

PORTABLE PUMP BASICS

To select the most suitable pump for your application, consider the following factors:

Fluid Type—whether the fluid being pumped is clean or dirty, contains any solids or abrasives, or is a hazardous material

Flow Rate—how many GPM (gallons per minute) of pump flow are required

Hose Length—the suction and discharge hose lengths required. Longer hoses increase line friction, reducing pump performance. Hose lengths should be kept as short as possible

Suction Lift—the vertical distance from the surface of the fluid being pumped to the centerline of the pump impeller. This distance should be kept to a minimum for maximum pump performance. The maximum suction lift attainable is 25'

Discharge Head—the vertical distance from the centerline of the pump impeller to the point of discharge

Dynamic Head—includes the effect of line friction on suction lift and discharge head. Total dynamic head equals the dynamic suction head plus the dynamic discharge head

Seepage—the rate at which the fluid being pumped accumulates at the point of suction. Slow seepage allows air into the pump suction, which causes some types of pump to lose their prime

There are two categories of pumps utilized in construction and dewatering applications: **centrifugal**, which includes self-priming trash, dewatering, high-pressure and submersible pumps; and **positive displacement**, which includes diaphragm pumps of various types.

Self-priming Centrifugal Trash Pumps provide an efficient solution for applications where the suction lift is less than 25' and the discharge head is less than 100'. These rugged pumps are capable of passing up to 25% (by volume) small solids (particles of mud, sand, leaves, rocks, etc.), up to half the diameter of the suction port. A 2" trash pump can pass up to 1" diameter solids. Trash pumps also provide easy access to the pump body for cleanout, should clogging occur.



Centrifugal Dewatering Pumps are designed for general purpose dewatering applications with limited solids content (up to 10% by volume). High-pressure (high head) models are also available for applications requiring a greater than normal discharge head.



Diaphragm Pumps are ideal for applications involving slow seepage at the point of suction, due to their great air handling capabilities. Although slower and less efficient than centrifugal pumps, diaphragm pumps can operate in conditions where centrifugal pumps would lose their prime. Both gas and air-powered diaphragm pumps, including special-purpose models for handling hazardous materials, are available.



Electric Submersible Pumps consist of a centrifugal pump closely coupled to a watertight electric motor with a waterproof power cord. These pumps operate submerged, thereby eliminating the suction lift limitations of other types of pumps. Other features include quiet operation, no engine fumes and continuous operation without refueling. Electric submersible pumps available include 115V single-phase and 460V 3-phase models.



Hydrostatic Test Pumps are utilized to pressure test pipelines and pressure vessels in both underground and above ground applications. Electric, gas and pneumatic test pumps are available.



PUMPS

115V ELECTRIC SUBMERSIBLE PUMPS

115V ELECTRIC SUBMERSIBLE PUMPS are ideal for many low to medium volume dewatering applications. Available models include small utility pumps that utilize standard 3/4" garden hose and several 2" and 3" models. Floor level intake, dewatering, high head and trash types are available. All models operate on standard 115V current or can be powered by a small portable generator. Some larger models also feature dual 110/220V operation.

Note: A float switch is available for pumps listed below up to 1 HP. (Cat-Class 155-1070)



Tsurumi ROBUSTA 100
3/4" Low Level Intake
Automatic level control



Tsurumi HS2.4S-62
2" Trash



Multiquip ST2037
2" Dewatering



Tsurumi LSC-4
3/4" Low Level Intake



Tsurumi LB2-480A-62
2" Dewatering
Auto-start



Tsurumi NK2-15
3" High Head



	Make	Model	Discharge	Max GPM	Max Head	Applications	HP	Voltage	Amp Rating	Weight	Cat-Class
TF	Tsurumi	ROBUSTA 100	3/4"	32	20'	Low level intake, automatic level control	1/4	115V	4.4	7 lbs.	043-0010
TF	Tsurumi	LSC-4	3/4"	32	36'	Low level intake (.04")	1/2	110V	7.0	40 lbs.	043-0110
TF	Tsurumi	LSR2.4S-60	2"	62	40'	Low level intake (.20")	2/3	110V	6.1	23 lbs.	043-0110
TF	Tsurumi	LB2-480-62	2"	62	40'	Dewatering, up to .25" solids	2/3	110V	6.1	21 lbs.	043-0120
TF	Tsurumi	HS2-4S-62	2"	53	39'	Trash pump, up to .38" solids	1/2	110V	5.4	25 lbs.	043-0130
TF	Tsurumi	LB2-480A-62	2"	62	40'	Dewatering, auto-start	2/3	110V	6.1	22 lbs.	043-0140
TF	Multiquip	ST2037	2"	73	37'	Dewatering	1	115V	6.9	31 lbs.	043-0150
TF	Tsurumi	LB-800	2"	73	60'	High head, up to .25" solids	1	110/220V	11.5/6.5	35 lbs.	043-0150
TF	Multiquip	ST2040T	2"	79	40'	Trash pump, up to 1" solids	1	115V	6.8	34 lbs.	043-0160
TF	Tsurumi	NK2-15	3"	111	69'	High head, up to .33" solids	2	110/220V	23.0/11.5	64 lbs.	043-0170

SUCTION & DISCHARGE HOSE

Strainers, suction hose and discharge hose are available for rent.

Lewis-Goetz



PVC Suction Hose w/Strainer
Available in 20' sections, threaded or
cam and groove fittings



PVC Discharge Hose
Available in 20' sections, threaded or
cam and groove fittings

PUMPS

GAS PORTABLE PUMPS

GAS TRASH PUMPS are designed for high-efficiency pumping of water and small solids up to 25% by volume. All models feature self-priming operation, easy-access cleanout covers and heavy-duty wraparound steel frames for rugged, dependable operation. These pumps are designed for applications with a suction lift less than 25'.

- TF **GAS CENTRIFUGAL PUMPS** are designed for general purpose dewatering applications with limited solids content up to 10% by volume. Available models include a high-pressure pump with a 230' maximum head.
- TF **GAS DIAPHRAGM PUMPS** ("mudhogs") are designed for conditions where mud slurries and water seepage with solids up to 1-3/4" diameter are present. All models feature aluminum alloy housings for durability, portability and abrasion resistance.



Tsurumi EPT3-80HA
3" Trash Pump



Wacker Neuson PTS4V
4" Trash Pump



Multiquip QP303H
3" Centrifugal Pump



Wacker Neuson PDT2A
2" Diaphragm Pump

Gas Trash Pumps

	Make	Model	Suction/Discharge	Max GPM	Max Head	Max Solids	Engine	Weight	Cat-Class
TF	Multiquip	QP2TH	2"	211	98'	1.00"	Honda 4.8 HP	96 lbs.	043-0210
TF	Tsurumi	EPT3-50HAT	2"	190	90'	1.00"	Honda 5.5 HP	82 lbs.	043-0210
TF	Wacker Neuson	PT2A	2"	210	106'	1.00"	Honda 5.5 HP	96 lbs.	043-0210
	Multiquip	QP205SH	2"	106	230'	0.18"	Honda 4.8 HP	94 lbs.	043-0220
TF	Multiquip	QP3TH	3"	396	95'	1.50"	Honda 7.1 HP	163 lbs.	043-0230
TF	Tsurumi	EPT3-80HA	3"	360	96'	1.50"	Honda 8 HP	136 lbs.	043-0230
TF	Wacker Neuson	PT3A	3"	400	96'	1.50"	Honda 8 HP	141 lbs.	043-0230
TF	Multiquip	QP4TH	4"	555	92'	2.00"	Honda 9.5 HP	216 lbs.	043-0240
TF	Tsurumi	EPT3-100HA/PG	4"	570	91'	1.50"	Honda 11 HP	160 lbs.	043-0240
TF	Tsurumi	EPT3-100HA/PGWK-2	4"	570	91'	1.50"	Honda 11 HP	160 lbs.	043-0240
TF	Wacker Neuson	PTS4V	4"	705	106'	2.00"	Briggs 16 HP	360 lbs.	043-0240

Gas Centrifugal Pumps

	Make	Model	Suction/Discharge	Max GPM	Max Head	Max Solids	Engine	Weight	Cat-Class
TF	Multiquip	QP204H	2"	142	108'	0.50"	Honda 4 HP	57 lbs.	043-0260
TF	Tsurumi	TE2-50HAT	2"	137	115'	.375"	Honda 4 HP	55 lbs.	043-0260
TF	Multiquip	QP2H	2"	142	115'	0.50"	Honda 3.5 HP	57 lbs.	043-0260
TF	Tsurumi	TE2-80HAT	2"	264	105'	.375"	Honda 5.5 HP	64 lbs.	043-0270
TF	Multiquip	QP303H	3"	245	98'	0.75"	Honda 4.8 HP	77 lbs.	043-0270

Gas Diaphragm Pumps

	Make	Model	Suction/Discharge	Max GPM	Max Head	Max Solids	Engine	Weight	Cat-Class
TF	Multiquip	MQD2H	2"	50	25'	1.00"	Honda 3.5 HP	138 lbs.	043-0310
TF	Wacker Neuson	PDT2A	2"	50	25'	1.25"	Honda 4 HP	114 lbs.	043-0310
TF	Tsurumi	TD5-200	2"	50	25'	1.50"	Honda 4 HP	125 lbs.	043-0310
TF	Multiquip	MQD3H	3"	90	25'	1.50"	Honda 3.5 HP	139 lbs.	043-0320
TF	Wacker Neuson	PDT3A	3"	88	25'	1.75"	Honda 4 HP	138 lbs.	043-0320
TF	Tsurumi	TD5-300	3"	85	25'	1.75"	Honda 4 HP	175 lbs.	043-0320

PUMPS

HYDROSTATIC TEST PUMPS

HYDROSTATIC TEST PUMPS are designed for pressure testing pipelines and pressure vessels. Electric, gas and pneumatic types are available. All models include a heavy-duty steel roll cage, a built-in pressure gauge, pressure regulator, ballvalve and an inline strainer. Gas diaphragm models also include a 2-wheel cart and can be equipped with a pressure feed tank for supplying the pump.

- EL-1A electric pump is a low volume, triplex plunger unit designed for testing sprinkler systems, irrigation lines, plant piping and pressure vessels
- DPH-series gas pumps are high volume, triple diaphragm units designed for testing larger diameter lines up to 24" (model DPH-3B); up to 96" (model DPH-8). Both models can pump up to a 10% chlorine solution and can also run dry
- HP-100 pneumatic pump is a compact, high pressure unit, ideal for working in tight spots and remote locations



Rice DPH-3B

11 GPM Gas Diaphragm Pump

Shown with optional 20 gal. pressure tank



Rice DPH-8

32 GPM Gas Diaphragm Pump



Rice EL-1A

3 GPM Electric Plunger Pump



Rice HP-10

10,000 PSI Pneumatic Test Pump



Make	Model	Type	Power Source	PSI Range	Max Flow	Inlet	Outlet	Weight	Cat-Class
Rice Hydro	EL-1A	Electric Plunger	1 HP 115V/208-230V	70-500	3 GPM	3/4" female swivel	1/2" quick coupling	88 lbs.	043-0410
Rice Hydro	DPH-3B	Gas Diaphragm	Honda 5.5 HP	70-550	11 GPM	1" hosebarb	1/2" quick coupling	104 lbs.	043-0420
Rice Hydro	DPH-8	Gas Diaphragm	Honda 9 HP	70-300	32 GPM	1-1/2" filter	3/4" female thread	178 lbs.	043-0430
Rice Hydro	HP-10	Pneumatic	130 CFM @ 100 PSI	500-10,000	0.13 cu. in.	1/2" hose swivel	3/8" female thread	42 lbs.	043-0440

QUICK REFERENCE OPERATING INSTRUCTIONS—HYDROSTATIC TEST PUMPS

Electric Piston Test Pumps

1. Check pump for proper working condition.
2. Connect inlet hose. Unit may be suction, gravity, or force fed.
3. Connect 8 foot high pressure hose to the outlet piping, open the outlet ballvalve and start motor.
4. To preset test pressure or conduct a simulated test, place a ballvalve on end of outlet hose and leave open. Start motor. Bleed air from system, through hosebib or needle valve. Close ballvalve on end of outlet hose and begin to build pressure. To adjust pressure relief valve, turn clockwise to increase.
5. Connect outlet hose to test environment.
6. Open outlet ballvalve and unit will begin building pressure.
7. Open needle valve or hosebib to bleed excess air from piping.
8. Once pressure is met and the air is bled from the system, close the ballvalve and turn off the motor. Allow the test pump and the tested line to sit, holding pressure for your required test time.

Gas Diaphragm Test Pumps

1. Check pump for proper working condition.
2. UNIT MUST BE SUCTION OR GRAVITY FED. Connect inlet hose. Do not connect to a direct pressure feed, such as hosebib or standpipe.

- Supply unit from a feed tank, 55 gallon drum, or water truck.
3. Connect 8 foot outlet hose to the outlet piping. To simulate a test, connect a ballvalve to the end of outlet hose.
 4. Open the outlet ballvalve. For simulated testing or adjusting pressure regulator, also open the ballvalve at the end of outlet hose.
 5. Start the engine.
 6. Open the hosebib located below pressure gauge, releasing air from the piping and unit. Close this valve when water flows freely.
 7. Allow pressure to build. For simulated testing or regulator adjustment, close ballvalve on the end of outlet hose. If unit does not build pressure or pressure drops, check for leaks and bleed air from system. Consult manufacturer's operating instructions for additional troubleshooting.
 8. Adjust the T-handle regulator to set the required test pressure: Clockwise to increase pressure or counter-clockwise to decrease pressure. Bleed air in between each adjustment.
 9. Once pressure is met and air is bled from the system, close the ballvalve and turn off the engine. **Do not slam ballvalve!** Allow the pump and the tested line to sit, holding pressure for your required test time.

Pneumatic High-Pressure Test Pumps

1. Connect the water supply to the inlet hose swivel on the test pump. Secure tightly.
2. Connect the air line from the compressor to the quick disconnect inlet.
3. Connect the 8 foot high pressure outlet hose to the outlet fitting on the pump and the line to be tested. Secure tightly.
4. Turn on the water supply. Open the bleeder valve to remove off excess air.
5. Start the compressor. Once compressor reaches operating pressure, slowly open the outlet air valve on the air compressor.
6. Set the inlet air pressure from the compressor at 100 PSI. To adjust the air input regulator, turn the black knob clockwise to increase pressure, counter-clockwise to decrease pressure.
7. Open high pressure ballvalve on test pump slowly. Once acceptable pressure is reached, close the ballvalve.
8. If pressure drops, check for leaks and bleed air from system. Consult manufacturer's operating instructions for additional troubleshooting.
9. If pressure on the gauge remains constant, turn off compressor. Allow test pump and tested line to sit, holding pressure for required test time.

PUMPS

LARGE PUMP BASICS

GLOSSARY

Atmospheric Pressure—the force exerted by the atmosphere on the earth's surface, which allows a centrifugal pump to operate. At sea level, the atmospheric pressure equals 14.7 PSI.

Brake Horsepower (HP)—pump performance can be expressed in horsepower using the following formula:

$$\text{Brake HP} = \text{GPM} \times \text{Ft./Head} \div 3940$$

Capacity—the water handling capability (volume) of a pump expressed as gallons per minute (GPM).

Cavitation—status in which the pump impeller is not receiving a full supply of material. This can be due to reduced flow or over rotation. Excessive pump RPM can cause a vortex in the eye of the impeller. Air bubbles attach to the metal surfaces and, under extreme pressure, implode, taking tiny bits of metal away with each implosion, pitting the impeller and volute surfaces.

Centrifugal Force—the action that causes something to move away from its center of rotation.

Centrifugal Pump—uses centrifugal force to move water or other liquids. Centrifugal pumps use an impeller and a volute to create the partial vacuum and discharge pressure necessary to move water through the casing. The impeller and volute form the heart of a pump—their design determines its flow, pressure and solid handling characteristics. As the impeller rotates and churns the water, it purges air from the casing, creating an area of low pressure, or partial vacuum, at the eye (center) of the impeller. The weight of the atmosphere on the external body of water pushes water rapidly through the hose and pump casing toward the eye of the impeller. Centrifugal force created by the rotating impeller pushes water away from the eye, where pressure is lowest, to the vane tips where pressure is the highest. The velocity of the rotating vanes pressurizes the water, forcing it through the volute and discharging it from the pump.

Check Valve—(swing check valve) a device used in a suction or discharge line that allows flow in only one direction, isolating the material being pumped.

Critical Lifts—suction lifts greater than 25'.

Dewatering Pump—designed for clear water applications (agricultural, industrial and residential). As a general rule, dewatering pumps are limited to a 10% solids concentration and a solids size of one-fourth the diameter of the suction inlet.

Diaphragm Pump—uses a positive displacement design rather than centrifugal force to move water through the casing, delivering a specific amount of flow per stroke, revolution or cycle. Diaphragm pumps are ideal for applications with slow seepage at the point of suction, due to their great air handling capabilities.

Duty Point—The point on a performance curve that plots flow (GPM) and head (feet).

Dynamic Discharge Head—the sum of the static discharge head and the discharge friction loss in the discharge line. Also referred to as Total Discharge Head.

Dynamic Suction Head—the sum of the static suction lift and the suction friction loss in the suction line. Also referred to as Total Suction Head.

Flow Rate—how many gallons per minute (GPM) of pump flow are required. Flow can also be expressed in gallons per hour (GPH) and in million gallons per day (MGD).

$$1 \text{ MGD} = 700 \text{ GPM}$$

Float Switch—a device used to start and stop a pump based on preset water levels.

Fluid Type—whether the fluid being pumped is clean or dirty, contains any solids or abrasives or is a hazardous material.

Friction Loss—reductions in flow due to turbulence as water passes through hoses, pipes, valves and fittings. This includes both suction and discharge friction losses.

Head—gains or losses in pressure caused by gravity and friction as water moves through a system. It can be measured in lbs. per square inch (PSI) or feet of water. A pump must produce 1 PSI to push a column of water vertically 2.31 feet. Use the following formulas to convert:

$$\begin{aligned} \text{Max pressure} \times 2.31 &= \text{Max Head Rating} \\ \text{Max Head Rating} \div 2.31 &= \text{Max Pressure} \end{aligned}$$

High Head (high-pressure) Pump—capable of handling flows at significantly higher total dynamic head ratings (TDH). They utilize a closed design impeller and a compact volute called a *diffuser* to generate the high dis-

charge pressure needed and cannot handle large solids.

Hose Length (or Pipe)—the suction and discharge hose or pipe lengths required for a given application. Longer hoses increase friction loss, reducing pump performance. Hose lengths should be kept as short as possible.

Impeller—a rotating disk with a set of vanes coupled to the engine or drive shaft that produces centrifugal force within the pump casing of a centrifugal pump.

Maximum Suction Lift—the height (approximately 25') that water can be lifted by a centrifugal pump in actual conditions, taking into consideration altitude, friction loss, temperature, suspended particles and the inability to create a perfect vacuum. The 25' suction lift is attainable for cold water (60°F) at sea level.

Mechanical Seal—a spring-loaded pump component that forms a seal between the pump and the engine or motor. Pumps designed for working in harsh environments require a more abrasive resistant seal.

Net Positive Suction Head (NPSH)—the amount of energy in the liquid at the pump inlet. It must be defined to have meaning, as either available or required.

Performance Curve—a chart or graph that illustrates pump performance by plotting the total head and flow rate at various suction lifts. Performance curves for diesel-driven pumps also show pump performance at various engine RPMs.

Prime—the creation of a partial vacuum inside the pump casing, which allows water to flow into the pump.

Seepage—the rate at which the fluid being pumped accumulates at the point of suction. Slow seepage allows air into the pump suction, which causes some types of pump to lose their prime.

Self-priming—the ability of a pump to purge air from its casing and suction hose, creating a partial vacuum and allowing water to flow freely into the pump.

Solids Concentration—ratio of solids to liquid in the overall volume of the material being pumped, which is helpful in determining the proper pump for the application.

continued on next page

PUMPS

LARGE PUMP BASICS

Solids Size—average diameter of individual particles in the material being pumped, which is important to know when specifying a pump. Large solids can be filtered with strainers or rock guards.

Static Discharge Head—the vertical distance from the centerline of the pump impeller to the point of discharge. (see dynamic discharge head)

Static Suction Lift—the vertical distance from the lowest suction point to the centerline of the pump impeller. This distance should be kept to a minimum for maximum pump performance. (see theoretical and maximum suction lift)

Submersible Pump—a centrifugal pump designed to operate within the water source being pumped, thereby eliminating the suction lift limitations common to other types.

Theoretical Suction Lift—the maximum height (33.9') that water can be lifted inside a tube under perfect conditions (perfect vacuum) at sea level. At this point, the water inside exerts a pressure equal to the weight of the atmosphere pushing down on the ocean's surface. Theoretical suction lift is calculated by dividing the atmospheric pressure at sea level (14.7 lbs. per square inch) by the weight of one cubic inch of water (.0361 lbs.). This equals 407.2" or 33.9'.

Total Dynamic Head (TDH)—the sum of the dynamic suction head and the dynamic discharge head. Also referred to as Total Head.

Trash Pump—designed to handle large amounts of debris, with a solid handling capability of 25% by volume. As a rule of thumb, trash pumps can handle spherical solids up to one-half the diameter of the suction inlet. Larger, diesel-driven trash pumps (4" to 12" diameter) are designed to handle 3" diameter solids.

Viscosity—the resistance to flow of a liquid at a given temperature. Highly viscous liquids are thick and tend to flow slower than liquids of low viscosity.

Volute—the casing surrounding the impeller in a centrifugal pump that collects the liquid discharged from the impeller.

DETERMINING PUMP REQUIREMENTS

To select the most suitable pump(s) for your application, follow the steps below.

1. Establish the following factors: fluid type, flow rate required, hose (or pipe) lengths required, static suction lift, static discharge head and seepage.

2. Calculate the dynamic suction head, which equals the sum of the static suction lift and the friction loss added by suction pipe, valves and fittings needed for the installation. To begin, select a pipe or hose diameter based on the flow rate required, referring to a reference chart that plots flow, velocity and friction loss per 100' of length for various diameters of hose or pipe. Friction loss for valves and fittings is expressed in equivalent feet of straight pipe of the same diameter, which is obtained using reference conversion charts. The sum of the friction losses for suction pipe, valves and fittings is divided by 100 to calculate the friction loss in feet, which is added to the static suction lift to determine the dynamic suction head. To utilize centrifugal pumps, the dynamic suction head must be less than 25'. Submersible pumps must be used if the dynamic suction head is greater than 25'.

***Tip:** Using larger diameter suction pipe may reduce friction loss enough to lower the dynamic suction head to a workable range in applications with a high static suction lift (15' or larger).*

3. Calculate the dynamic discharge head, which equals the sum of the static discharge head and the friction loss for discharge pipe, valves and fittings needed for the installation. The friction loss for the discharge line is calculated in the same manner as the suction side. Add this number to the static discharge head to determine the dynamic discharge head.

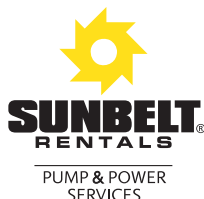
***Tip:** Long discharge lines add significant friction losses to a pump system. To reduce friction loss, use larger diameter pipe for all (or part) of the discharge line.*

4. Calculate the total dynamic head, which equals the sum of the dynamic suction head and the dynamic discharge head.

5. Match a pump (or pumps) to the application by referring to the performance curve for a given pump, which plots total dynamic head and flow rates at various static suction lifts. Performance curves for diesel-driven pumps also plot pump performance at various engine RPMs.

Notes:

- 1. See the Total Dynamic Head Worksheet on page 196.*
- 2. Large pump installations, such as sewer bypass jobs, may require multiple pumps, along with custom manifolds and extensive pipeline fabrication.*



For more information about large pumps and custom installations, call Sunbelt Rentals Pump & Power Services at 800-736-2504. 24-Hour Service

PUMPS

LARGE PUMP BASICS

TOTAL DYNAMIC HEAD WORKSHEET

Project _____ Flow Rate Required _____

Static Suction Lift _____

(Vertical distance from lowest suction point to the centerline of the impeller)

Static Discharge Head _____

(Vertical distance from the centerline of the pump impeller to the point of discharge)

1. Calculate the Friction Loss on the Suction Piping

Total Suction Pipe Length _____ Diameter _____

Fittings (from equivalent feet of pipe chart) _____

Total (equivalent) Feet of Suction Pipe _____

Friction Loss Factor (from pipe friction loss chart) _____

Friction Loss = Total (equivalent) Feet of Suction Pipe x Friction Loss Factor ÷ 100

= _____ x _____ ÷ 100 = _____

2. Calculate the Total Dynamic Suction Head

Total Dynamic Suction Head = Static Suction Lift + Friction Loss

= _____ + _____ = _____

3. Calculate the Friction Loss on the Discharge Piping

Total Discharge Pipe Length _____ Diameter _____

Fittings (from equivalent feet of pipe chart) _____

Total (equivalent) Feet of Discharge Pipe _____

Friction Loss Factor (from pipe friction loss chart) _____

Friction Loss = Total (equivalent) Feet of Discharge Pipe x Friction Loss Factor ÷ 100

= _____ x _____ ÷ 100 = _____

4. Calculate the Equivalent Discharge Head for PSI Reading

Equivalent Discharge Head = PSI x 2.31 = _____

5. Calculate the Total Dynamic Discharge Head

Total Dynamic Discharge Head = Static Discharge Head + Friction Loss + Equivalent Discharge Head

= _____ + _____ + _____ = _____

6. Calculate the Total Dynamic Head (TDH)

Total Dynamic Head (TDH) = Dynamic Suction Head + Dynamic Discharge Head

= _____ + _____ = _____



For more information about large
pumps and custom installations, call
Sunbelt Rentals Pump & Power Services
at 800-736-2504.
24-Hour Service

PUMPS

LARGE PUMP BASICS

VELOCITY AND FRICTION LOSS OF WATER IN FEET PER 100' OF PIPE

(Based on Williams & Hazen Formula Using Constant 100 C Factor)

GPM	3" Pipe		4" Pipe		6" Pipe		8" Pipe		10" Pipe		12" Pipe		14" Pipe		16" Pipe		18" Pipe		24" Pipe		GPM
	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	Vel.	Loss	
	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	ft./sec.	in. ft.	
100	4.54	4.96	2.55	1.22	1.13	0.17															100
110	5.00	6.00	2.81	1.46	1.25	0.21															110
120	5.45	7.00	3.06	1.17	1.36	0.24															120
130	5.91	8.10	3.31	1.97	1.47	0.27															130
140	6.35	9.20	3.57	2.28	1.59	0.32	0.90	0.08													140
150	6.82	10.60	3.82	2.62	1.70	0.36	0.96	0.09													150
160	7.26	11.80	4.08	2.91	1.82	0.40	1.02	0.10													160
170	7.71	13.30	4.33	3.26	1.92	0.45	1.08	0.11													170
180	8.17	14.00	4.60	3.61	2.04	0.50	1.15	0.13													180
190	8.63	15.50	4.84	4.01	2.16	0.55	1.21	0.14													190
200	9.08	17.08	5.11	4.40	2.27	0.62	1.28	0.15													200
220	9.99	21.30	5.62	5.20	2.50	0.73	1.40	0.18													220
240	10.89	25.10	6.13	6.20	2.72	0.87	1.53	0.22	0.98	0.07											240
260	11.80	29.10	6.64	7.20	2.95	1.00	1.66	0.26	1.06	0.08											260
280	12.71	33.80	7.15	8.20	3.18	1.14	1.79	0.28	1.15	0.09											280
300	13.62	38.00	7.66	9.30	3.40	1.32	1.91	0.32	1.22	0.11											300
320	14.52	42.80	8.17	10.50	3.64	1.47	2.05	0.37	1.31	0.12											320
340	15.43	47.90	8.68	11.70	3.84	1.62	2.18	0.41	1.39	0.14											340
360	16.34	53.00	9.19	13.10	4.08	1.83	2.30	0.45	1.47	0.16											360
380	17.29	59.00	9.69	14.00	4.31	2.00	2.43	0.50	1.55	0.17	1.06	0.07									380
400	18.16	65.00	10.21	16.00	4.55	2.20	2.60	0.54	1.63	0.19	1.14	0.08									400
450	20.00	78.00	11.49	19.80	5.11	2.74	2.92	0.68	1.84	0.23	1.38	0.09									450
500	22.70	98.00	12.77	24.00	5.68	2.90	3.15	0.82	2.04	0.28	1.42	0.11	1.04	0.06							500
550			14.04	28.70	6.25	3.96	3.62	0.97	2.24	0.33	1.56	0.14	1.15	0.07							550
600			15.32	33.70	6.81	4.65	3.84	1.14	2.45	0.39	1.70	0.16	1.25	0.08							600
650			16.59	39.80	7.38	5.40	4.16	1.34	2.65	0.45	1.84	0.19	1.37	0.09							650
700			17.87	44.90	7.95	6.21	4.46	1.54	2.86	0.52	1.99	0.22	1.46	0.10							700
750			19.15	51.00	8.50	7.12	4.80	1.74	3.06	0.59	2.13	0.24	1.58	0.11							750
800			20.42	57.00	9.08	7.96	5.10	1.90	3.25	0.66	2.27	0.27	1.67	0.13							800
850			21.70	64.00	9.65	8.95	5.48	2.20	3.47	0.76	2.41	0.31	1.79	0.14	1.36	0.06					850
900			22.98	71.60	10.20	10.11	5.78	2.46	3.67	0.83	2.66	0.34	1.88	0.16	1.44	0.08					900
950					10.77	11.20	6.06	2.87	3.88	0.92	2.70	0.38	2.00	0.18	1.52	0.10					950
1,000					11.34	12.04	6.38	2.97	4.08	1.03	2.84	0.41	2.10	0.19	1.60	0.10	1.26	0.03			1,000
1,100					12.48	14.55	7.03	3.52	4.49	1.19	3.13	0.49	2.31	0.23	1.76	0.12	1.38	0.03			1,100
1,200					13.61	17.10	7.66	4.17	4.90	1.40	3.41	0.58	2.52	0.27	1.92	0.14	1.50	0.04			1,200
1,300					14.72	18.40	8.30	4.86	5.31	1.62	3.69	0.67	2.71	0.32	2.08	0.17	1.64	0.05			1,300
1,400					15.90	22.68	8.95	5.50	5.71	1.87	3.98	0.78	2.92	0.36	2.24	0.19	1.77	0.06			1,400
1,500					17.02	25.60	9.58	6.24	6.12	2.13	4.26	0.89	3.15	0.41	2.39	0.21	1.90	0.06			1,500
1,600					18.10	26.90	10.21	7.00	6.53	2.39	4.55	0.98	3.34	0.47	2.56	0.24	2.02	0.07			1,600
1,800							11.50	8.78	7.35	2.96	5.11	1.21	3.75	0.58	2.87	0.30	2.27	0.09			1,800
2,000							12.78	10.71	8.16	3.59	5.68	1.49	4.17	0.71	3.19	0.37	2.52	0.11	1.28	0.04	2,000
2,200							14.06	12.78	8.98	4.24	6.25	1.81	4.59	0.84	3.61	0.44	2.85	0.14	1.42	0.05	2,200
2,400							15.32	14.20	9.80	6.04	6.81	2.08	5.00	0.99	3.83	0.52	3.15	0.17	1.70	0.07	2,400
2,600									10.61	6.81	7.58	2.43	5.47	1.17	4.15	0.60	3.36	0.19	1.84	0.08	2,600
2,800									11.41	6.70	7.95	2.76	5.84	1.32	4.47	0.68	3.57	0.21	1.96	0.09	2,800
3,000									12.24	7.62	8.52	3.15	6.01	1.49	4.79	0.78	3.78	0.24	2.13	0.10	3,000
3,200									13.05	7.80	9.10	3.51	6.68	1.67	5.12	0.88	4.10	0.28	2.26	0.12	3,200
3,500									14.30	10.08	9.95	4.16	7.30	1.97	5.59	1.04	4.41	0.32	2.49	0.14	3,500
3,800									15.51	13.40	10.80	4.90	7.98	2.36	6.07	1.20	4.88	0.40	2.69	0.17	3,800
4,200											11.92	6.88	8.76	2.77	6.70	1.44	5.35	0.48	2.99	0.20	4,200
4,600											12.78	6.90	9.45	3.22	7.18	1.64	5.82	0.56	3.20	0.22	4,600
5,000											14.20	8.40	10.56	3.92	8.01	2.03	6.30	0.65	3.64	0.27	5,000
5,500													11.65	4.65	8.78	2.39	6.93	0.79	3.90	0.33	5,500
6,000													12.60	5.50	9.58	2.79	7.57	0.92	4.25	0.38	6,000
6,500													13.65	6.45	10.39	3.52	8.20	1.09	4.61	0.45	6,500
7,000													14.60	7.08	11.18	3.70	8.83	1.25	4.97	0.52	7,000
8,000															12.78	4.74	10.10	1.63	6.68	0.66	8,000
9,000															14.37	5.90	11.03	2.05	6.35	0.81	9,000
10,000															15.96	7.19	12.60	2.52	7.07	0.98	10,000
12,000																	15.10	3.62	8.50	1.40	12,000
14,000																	17.70	4.91	9.95	1.87	14,000
16,000																	20.20	6.40	11.38	2.40	16,000
18,000																	22.70	8.08	12.76	2.97	18,000
20,000																	25.20	9.96	14.20	3.60	20,000

C Factor Values of typical hose and pipe:

Layflat Discharge Hose = 130 HDPE Pipe = 150

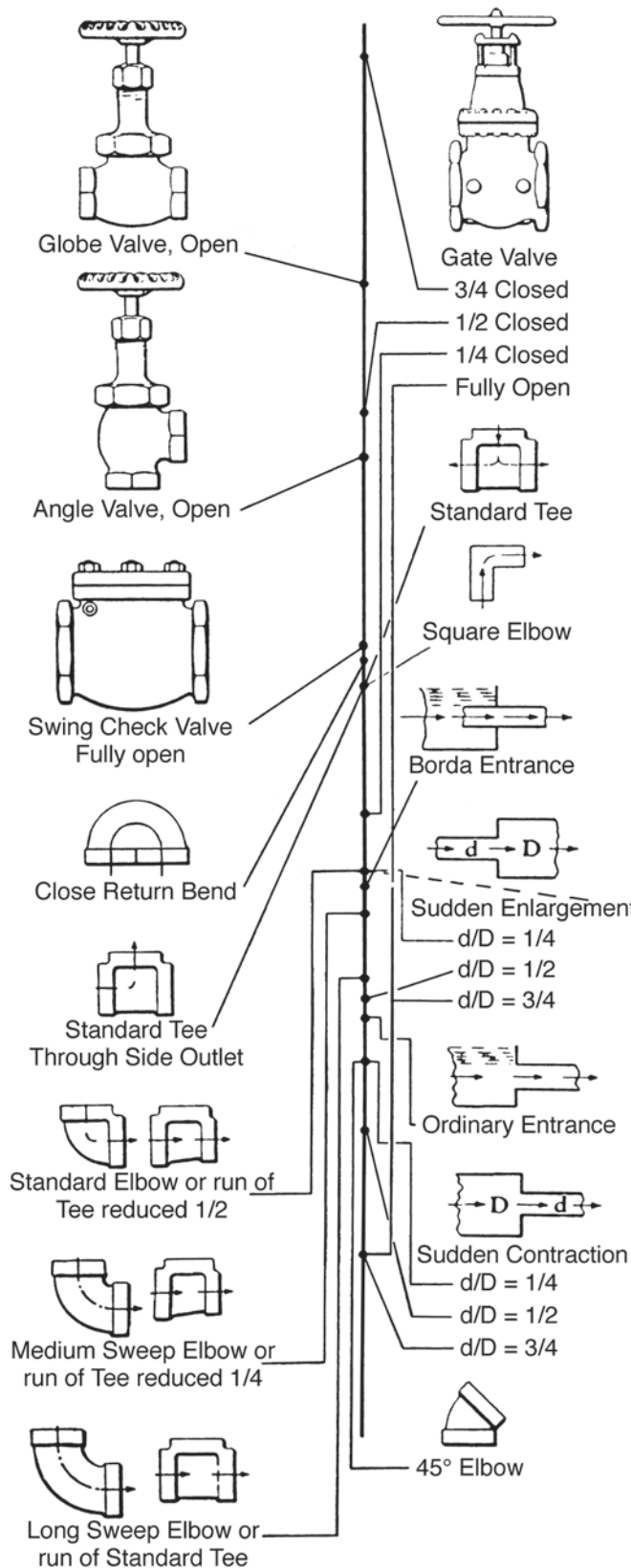
Bauer Discharge Pipe = 120

C Factor Value	150	140	130	120	110	100	90	80	70	60
Multiplier	.47	.54	.62	.71	.84	1	1.22	1.50	1.93	2.57

PUMPS

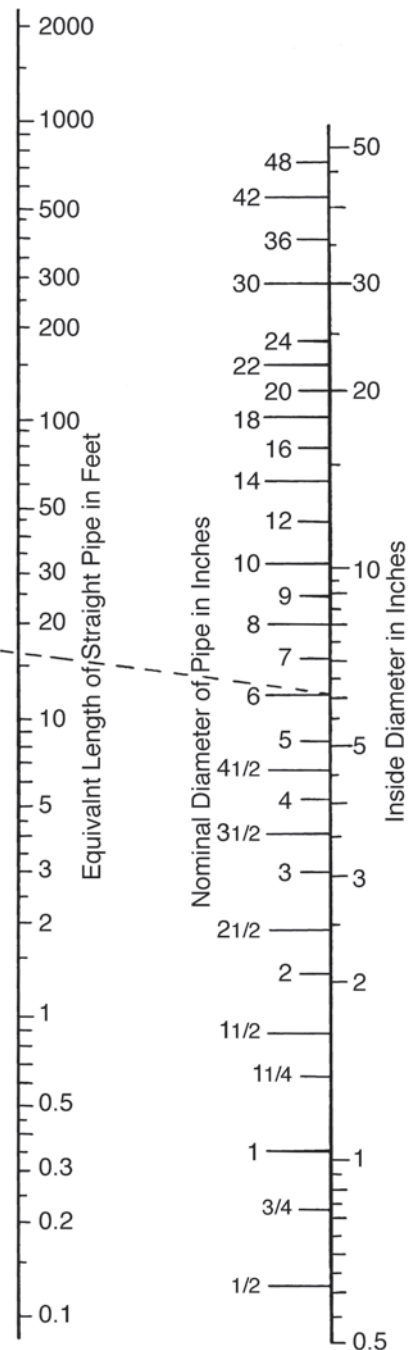
LARGE PUMP BASICS

FRICION LOSS—VALVES & FITTINGS



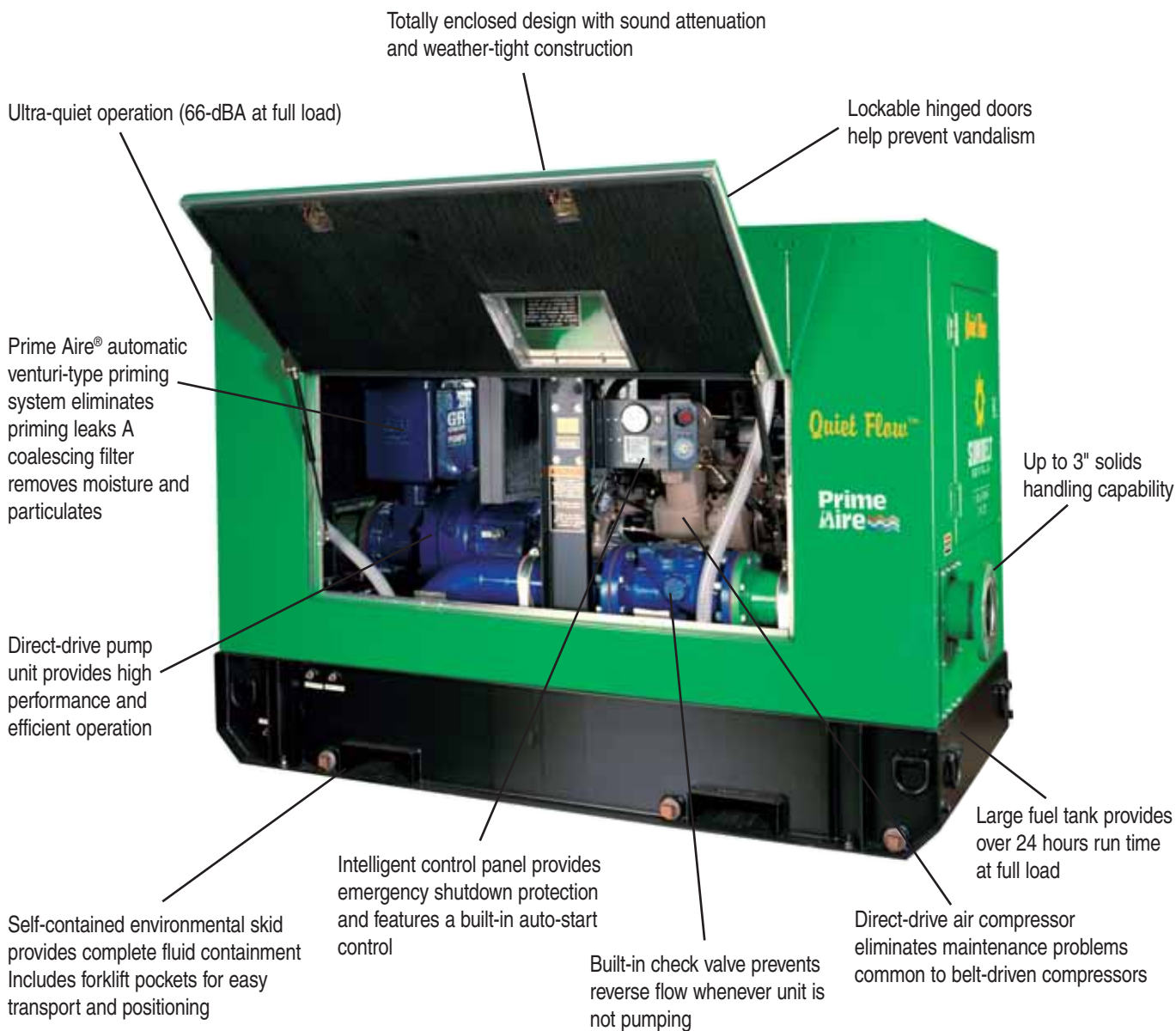
Example: The dotted line shows that the resistance of a 6-inch Standard Elbow is equivalent to approximately 16 feet of 6-inch Standard Pipe.

Note: For sudden enlargements or sudden contractions, use the smaller diameter, d , on the pipe size scale.



PUMPS

SILENCED DIESEL TRASH PUMPS



Quiet Flow™ Silenced Diesel Trash Pumps

*Offered exclusively by
Sunbelt Rentals Pump & Power Services*



PUMPS

SILENCED DIESEL TRASH PUMPS

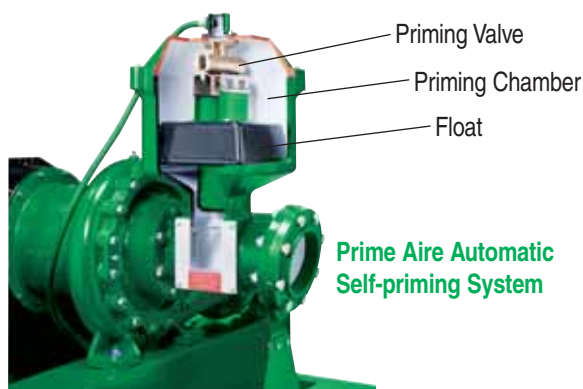
QUIET FLOW™ SILENCED DIESEL TRASH PUMPS are available in 4", 6", 10", 12" and 18" models, offered exclusively by Sunbelt Rentals Pump & Power Services locations. These state-of-the-art pumps have set a new industry standard for both pump performance and environmental protection. They feature a totally enclosed design with outstanding sound attenuation and a self-contained environmental skid that captures any possible leaks of engine oil, fuel or coolant.

- Ultra-quiet operation (66 dBA at full load)
- Prime Aire® automatic priming system (see illustration below)
- Up to 3" solids handling capability
- Built-in auto-start capability
- Large fuel tanks provide over 24 hours run time at full load
- Auxiliary fuel tanks are also available (see page 236)
- Direct-drive pump units provide reduced maintenance



(3) Quiet Flow 12" Silenced Diesel Trash Pumps

Working on a sewer bypass project



Prime Aire Automatic Self-priming System



Solids Handling Impeller

Heavy-duty impellers handle up to 3" diameter solids for fewer clogs on tough jobs



Direct-Drive Air Compressor

Eliminates maintenance problems common to belt-driven compressors

Type	Suction x Discharge	Max GPM	Max Head	Engine	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Dry Weight	Cat-Class
4" QF ¹	4" x 4"	1,400	118'	Kubota 36 HP	60 gal.	1.75 GPH	34 hrs.	128"L x 64"W x 59"H	3,020 lbs.	041-0137
6" QF	6" x 6"	2,280	158'	John Deere 76 HP	87 gal.	3.1 GPH	28.1 hrs.	108"L x 48"W x 74"H	4,212 lbs.	041-0160
10" QF ²	10" x 8"	4,100	158'	John Deere 150 HP	135 gal.	5.8 GPH	28.4 hrs.	145"L x 60"W x 89"H	7,000 lbs.	041-0240
12" QF ²	12" x 12" Std.	6,320	104'	John Deere 150 HP	174 gal.	7.4 GPH	23.6 hrs.	151"L x 77"W x 87"H	9,200 lbs.	041-0330
12" HV QF ²	12" x 12" HV	8,500	200'	John Deere 250 HP	300 gal.	10.5 GPH	28.6 hrs.	154"L x 70"W x 80"H	11,000 lbs.	041-0340
18" HV QF	18" x 18" HV	12,500	175'	John Deere 315 HP	300 gal.	15 GPH	20.7 hrs.	160"L x 80"W x 95"H	13,000 lbs.	041-0408

¹Trailer-mounted model ²Skid-mounted models

Note: 6" x 6" and 10" x 8" models are also available trailer-mounted.

PUMPS

STANDARD DIESEL TRASH PUMPS

STANDARD DIESEL TRASH PUMPS are available in 4", 6", 10", 12" and 24" models. We offer an extensive fleet of large, diesel-driven trash pumps for performing sewer bypass, plant shutdowns, dewatering flooded areas and drought relief pumping applications. All models feature continuously operating priming systems designed for extended periods of dry running.

- 4" to 24" models available
- Up to 4" solids handling capability
- All pumps feature continuously operating priming systems
- Emergency engine shutdown protection
- Automatic start/stop capability is available
- Large fuel tanks provide over 24 hours run time at full load
- Auxiliary fuel tanks are also available (see page 236)
- Both skid- and trailer-mounted pumps are available



Gorman-Rupp 4" x 4" Diesel Trash Pumps



Gorman-Rupp 6" x 4" Diesel Trash Pump
Working on a construction dewatering project



(3) Gorman-Rupp 12" x 12" Diesel Trash Pumps
Working on a municipal bypass project



Premier 24" x 24" Diesel Trash Pump
Working on an emergency dewatering project

Type	Suction x Discharge	Max GPM	Max Head	Engine	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Dry Weight	Cat-Class
4" NS ²	4" x 4"	1,050	153'	John Deere 72 HP	88 gal.	3.1 GPH	28.4 hrs.	122"L x 71"W x 91"H	3,260 lbs.	041-0130
6" NS ²	6" x 6"	2,600	160'	John Deere 76 HP	120 gal.	3.3 GPH	36.4 hrs.	135"L x 66"W x 83"H	3,417 lbs.	041-0150
10" NS ¹	10" x 10"	4,100	160'	John Deere 153 HP	171 gal.	7.8 GPH	21.9 hrs.	108"L x 60"W x 83"H	4,365 lbs.	041-0230
12" NS ¹	12" x 12"	6,320	104'	John Deere 153 HP	171 gal.	7.8 GPH	21.9 hrs.	120"L x 55"W x 85"H	4,510 lbs.	041-0320
24" NS ²	24" x 24"	16,000	200'	John Deere 425 HP	100 gal.	22.2 GPH	4.5 hrs.	192"L x 92"W x 94"H	16,000 lbs.	041-0400

¹Skid-mounted models ²Trailer-mounted models

PUMPS

SPECIFICATION TABLES, PERFORMANCE CURVES



SILENCED DIESEL TRASH PUMPS

Type	Suction x Discharge	Mounting Type	Max GPM	Max Head	Max Solids	Diesel Engine	HP	Onboard Fuel Cap	Consump Full Load
4" QF	4" x 4"	Trailer	1,400	118'	3"	Kubota	36	60 gal.	1.75 GPH
6" QF	6" x 6"	Skid ¹	2,280	158'	3"	John Deere 4045D	76	87 gal.	3.1 GPH
10" QF	10" x 8"	Skid ¹	4,100	158'	3"	John Deere 4045H	185	135 gal.	5.8 GPH
12" QF	12" x 12" Std.	Skid	6,500	112'	3"	John Deere 6081H	185	175 gal.	6.2 GPH
12" HV QF	12" x 12" HV	Skid	8,500	200'	3"	John Deere 6081H	250	300 gal.	10.5 GPH
18" HV QF	18" x 18" HV	Skid	12,500	175'	4"	John Deere 6091H	315	300 gal.	14.5 GPH

¹Trailer-mounted models are also available.



STANDARD DIESEL TRASH PUMPS

Type	Suction x Discharge	Mounting Type	Max GPM	Max Head	Max Solids	Diesel Engine	HP	Onboard Fuel Cap	Consump Full Load
4" NS	4" x 4"	Trailer ¹	1,050	153'	3"	John Deere 4045D	72	88 gal.	3.1 GPH
6" NS	6" x 6"	Trailer ¹	2,600	160'	3"	John Deere 4045D	76	120 gal.	3.3 GPH
10" NS	10" x 10"	Skid	4,100	160'	3.25"	John Deere 6068T	153	171 gal.	7.8 GPH
12" NS	12" x 12"	Skid	6,320	104'	3"	John Deere 6068T	153	171 gal.	7.8 GPH
24" NS	24" x 24"	Skid	16,000	200'	4.5"	John Deere 6125H	400	100 gal.	22.5 GPH

¹Skid-mounted models are also available.



DIESEL HIGH HEAD PUMPS

Type	Suction x Discharge	Mounting Type	Max GPM	Max Head	Max Solids	Diesel Engine	HP	Onboard Fuel Cap	Consump Full Load
3" HH NS	3" x 3"	Trailer	450	300'	1"	John Deere 4045D	75	120 gal.	3.6 GPH
6" HH NS	6" x 4"	Skid	1,220	296'	3"	John Deere 4045T	103	88 gal.	4.2 GPH
6" HH QF ¹	6" x 4"	Trailer	1,500	330'	3"	John Deere 4045T	103	130 gal.	5.4 GPH
8" HH NS	8" x 6"	Skid	2,250	320'	1.5"	John Deere 6081T	210	250 gal.	11.0 GPH
10" HH NS	10" x 6"	Skid	4,300	360'	3"	John Deere 6068H	203	130 gal.	9.8 GPH
10" HH QF ¹	10" x 8"	Skid	4,000	330'	3"	John Deere 6068H	201	120 gal.	10.0 GPH

¹Sound-attenuated models (Quiet Flow)



ELECTRIC-DRIVEN TRASH PUMPS

Make	Suction x Discharge	Mounting Type	Max GPM	Max Head	Max Solids	HP	Voltage
4" E	4" x 4"	Skid	1,000	82'	3"	30	460V, 3-phase
6" E	6" x 6"	Skid	2,200	124'	3"	50	460V, 3-phase
8" E	8" x 8"	Skid	3,100	130'	3"	100	460V, 3-phase
12" E	12" x 12"	Skid	6,000	98'	3"	125	460V, 3-phase
8" E HH	8" x 6" HH	Skid	3,200	300'	3"	125	460V, 3-phase



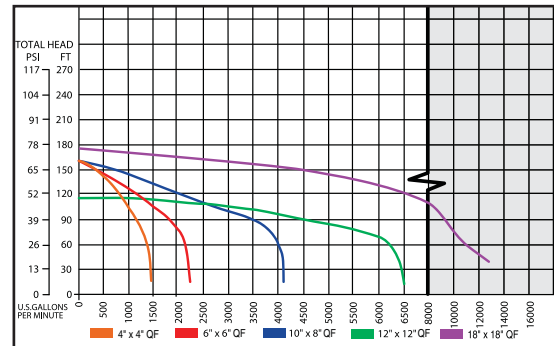
Data Sheets with detailed specifications and individual performance curves are available for pumps listed on this page. For more information, call 800-736-2504.

Run Time Full Load	Overall Dimensions	Weight Wet/Dry	Cat-Class
34 hrs.	128"L x 64"W x 59"H	3,020/3,391 lbs.	041-0137
28.1 hrs.	108"L x 48"W x 74"H	4,876/4,212 lbs.	041-0160
28.4 hrs.	145"L x 60"W x 89"H	8,166/7,000 lbs.	041-0240
28.2 hrs.	156"L x 71"W x 103"H	10,215/9,000 lbs.	041-0330
28.6 hrs.	154"L x 70"W x 80"H	13,100/11,000 lbs.	041-0330
20.0 hrs.	160"L x 80"W x 95"H	15,000/13,000 lbs.	041-0408

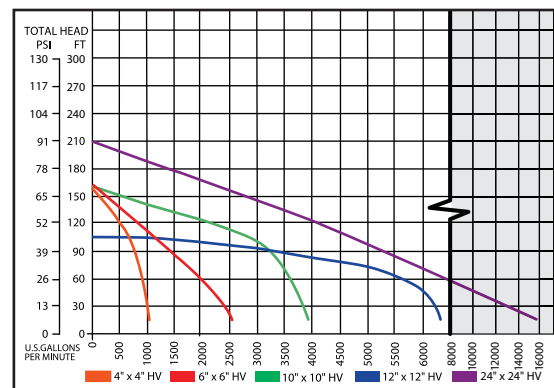
Run Time Full Load	Overall Dimensions	Weight Wet/Dry	Cat-Class
28.4 hrs.	122"L x 71"W x 91"H	3,924/3,260 lbs.	041-0130
36.4 hrs.	135"L x 66"W x 83"H	4,080/3,239 lbs.	041-0150
21.9 hrs.	108"L x 60"W x 83"H	5,562/4,365 lbs.	041-0230
21.9 hrs.	120"L x 55"W x 85"H	5,717/4,510 lbs.	041-0320
4.5 hrs.	192"L x 92"W x 94"H	16,700/16,000 lbs.	041-0350

Run Time Full Load	Overall Dimensions	Weight Wet/Dry	Cat-Class
33.3 hrs.	135"L x 66"W x 83"H	3,990/3,150 lbs.	041-0410
21.0 hrs.	104"L x 53"W x 75"H	4,366/3,750 lbs.	041-0420
24.0 hrs.	159"L x 76"W x 79"H	5,810/4,900 lbs.	041-0425
22.7 hrs.	144"L x 72"W x 85"H	9,750/8,000 lbs.	041-0440
13.2 hrs.	124"L x 62"W x 84"H	6,405/5,495 lbs.	041-0455
12.0 hrs.	188"L x 85"W x 79"H	10,440/9,600 lbs.	041-0457

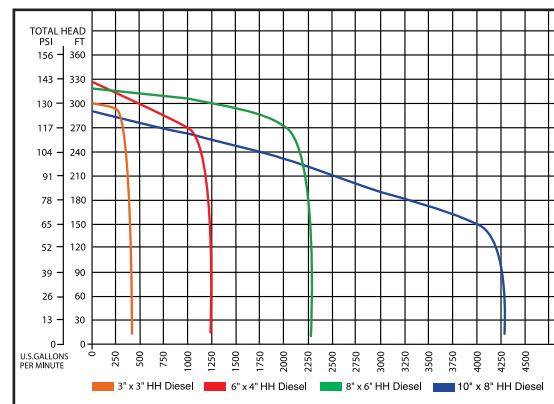
Amp Rating	Overall Dimensions	Weight	Cat-Class
34	48"L x 36"W x 33"H	2,000 lbs.	041-0120
57	72"L x 49"W x 67"H	3,310 lbs.	041-0140
113	118"L x 60"W x 61"H	5,690 lbs.	041-0210
155	118"L x 61"W x 64"H	6,515 lbs.	041-0310
155	90"L x 49"W x 58"H	1,200 lbs.	041-0445



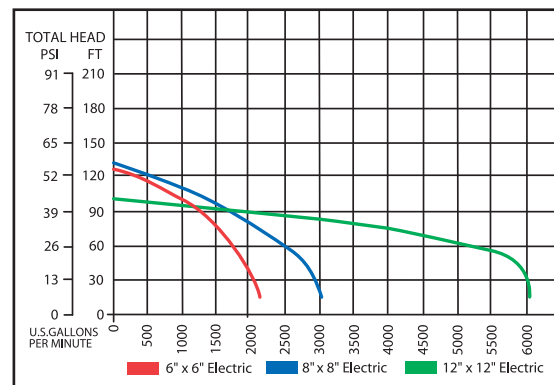
Silenced Diesel Trash Performance Curves



Standard Diesel Trash Performance Curves



Diesel High-Head Performance Curves



Electric-Driven Trash Performance Curves

PUMPS

ELECTRIC-DRIVEN TRASH PUMPS, DIESEL HIGH HEAD PUMPS

ELECTRIC-DRIVEN TRASH PUMPS are ideal for bypass, plant shutdowns and other applications where 460V 3-phase electric power is available, providing quiet, dependable, unattended operation. They also save considerable time and expense by not having to be refueled.

- 4", 6", 8" and 12" skid-mounted models
- Operate on 460V 3-phase electric power
- NEMA 3R weather resistant control panel
- Automatic self-priming systems
- Up to 3" solids handling capability
- Built-in auto-start capability



(2) Gorman-Rupp 12" x 12" Electric Drive Trash Pumps



Type	Suction x Discharge	Max GPM	Max Head	Max Solids	HP	Voltage	Amp Rating	Overall Dimensions	Weight	Cat-Class
4"E	4" x 4"	1,000	82'	3"	30	460V, 3ø	34	48"L x 36"W x 33"H	2,000 lbs.	041-0120
6"E	6" x 6"	2,200	120'	3"	50	460V, 3ø	57	72"L x 49"W x 67"H	3,310 lbs.	041-0140
8" E	8" x 8"	3,100	130'	3"	100	460V, 3ø	113	118"L x 60"W x 61"H	5,690 lbs.	041-0210
12" E	12" x 12"	6,000	96'	3"	125	460V, 3ø	155	118"L x 61"W x 64"H	6,515 lbs.	041-0310
8" E HH	8" x 6" HH	3,200	300'	3"	125	460V, 3ø	155	90"L x 49"W x 58"H	1,200 lbs.	041-0445

DIESEL HIGH HEAD (HIGH-PRESSURE) PUMPS are capable of handling flows at significantly higher total dynamic head (TDH) ratings than standard trash pumps. They utilize a closed design impeller and a compact volute called a diffuser to generate high discharge pressure. However, they cannot handle large solids. Applications include quarries, forced mains and other high head applications where the TDH requirement is greater than 75'.

- 3" to 10" models available
- Sound-attenuated models (Premier 6" x 4" and 10" x 8")
- All pumps feature continuously operating priming systems
- Automatic start/stop capability
- Both skid- and trailer-mounted pumps
- Large fuel tanks provide extended run times at full load
- Auxiliary fuel tanks are also available (see page 236)



(2) Gorman-Rupp Diesel High Head Pumps



Type	Suction x Discharge	Max GPM	Max Head	Engine	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Dry Weight	Cat-Class
3" HH NS ¹	3" x 3"	450	300'	John Deere 75 HP	120 gal.	3.6 GPH	33.3 hrs.	135"L x 66"W x 83"H	3,150 lbs.	041-0410
6" HH NS ¹	6" x 4"	1,220	296'	John Deere 103 HP	88 gal.	4.2 GPH	21.0 hrs.	104"L x 53"W x 75"H	3,750 lbs.	041-0420
6" HH QF ^{1,3}	6" x 4"	1,500	330'	John Deere 103 HP	130 gal.	5.4 GPH	24.0 hrs.	159"L x 76"W x 79"H	4,900 lbs.	041-0425
8" HH NS ²	8" x 6"	2,250	320'	John Deere 210 HP	250 gal.	11.0 GPH	22.7 hrs.	144"L x 72"W x 85"H	8,000 lbs.	041-0440
10" HH NS ²	10" x 6"	4,300	260'	John Deere 203 HP	130 gal.	9.8 GPH	13.2 hrs.	124"L x 62"W x 84"H	5,495 lbs.	041-0455
10" HH QF ^{2,3}	10" x 8"	4,000	360'	John Deere 201 HP	120 gal.	10.0 GPH	12.0 hrs.	188"L x 85"W x 79"H	9,600 lbs.	041-0457

¹Trailer-mounted models ²Skid-mounted models ³Sound-attenuated models

PUMPS

460V ELECTRIC SUBMERSIBLE PUMPS

460V ELECTRIC SUBMERSIBLE PUMPS are designed for high-volume dewatering and bypass applications where 460V 3-phase electric power is available. Dewatering, high head and trash types are available.

- 2" to 12" pumps available, with flows up to 11,000 GPM
- Smaller pumps feature a slim design that allows placing them inside narrow casings
- All 3-phase pumps include a 50' or 100' power cable and a weather resistant control panel



Mody 4" 10 HP Dewatering Pump
Operating in a dewatering application



2" Dewatering pump being lowered inside a narrow casing



Gorman-Rupp 8" 70 HP Trash Pump
One of four 8" trash pumps utilized on a wastewater treatment plant bypass job being lowered into a wet well



Make	Type	Discharge	Max GPM	Max Head	Max Solids	HP	Voltage	Amp Rating	Max Pump Diameter	Weight	Cat-Class
Mody	Dewatering	2"	175	72'	.25"	2	460V, 3ø	3.9	6.25"	39 lbs.	047-0110
Tsurumi	Dewatering	3"	291	72'	.25"	4	460V, 3ø	6.0	7.3"	93 lbs.	047-0130
Mody	Dewatering	3"	400	78'	.25"	5	460V, 3ø	7.1	7.50"	88 lbs.	047-0130
Mody	Dewatering	4"	830	98'	.25"	10	460V, 3ø	14.0	10.75"	142 lbs.	047-0140
Mody	High Head	4"	300	265'	.38"	16	460V, 3ø	22.0	14.20"	310 lbs.	047-0150
Mody	High Head	6"	650	265'	.38"	35	460V, 3ø	44.0	15.75"	525 lbs.	047-0210

PUMPS

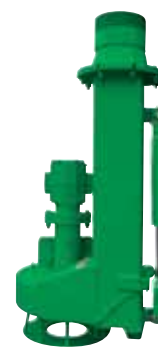
HYDRAULIC SUBMERSIBLE PUMPS, HYDRAULIC POWER PACKS

HYDRAULIC SUBMERSIBLE PUMPS are ideal for applications requiring a suction lift greater than 25' and with high solids concentration. A wide selection of hydraulic pump heads, plus matching diesel-driven hydraulic power packs are available.

- **Trash Pumps** are ideal for pumping water containing solids such as mud, sticks and other foreign materials, utilizing a semi-open impeller design
- **Sludge Pumps** can handle heavy concentrations of viscous material, due to a specially designed impeller that spins the material in the top of the volute
- **Slurry/Digester Pumps** (Slurry Gate) are sludge pumps equipped with a hydraulic activated gate which, when opened, produces a mixing action. This allows heavier materials to be introduced to lighter ones, which produces a more uniform material to be pumped once the gate is closed



Trash/Sludge
Pump Head



Slurry Gate
Pump Head

Make	Model	Type	Discharge	Max GPM	Max Head	Max Solids	Matching Power Unit	Hydraulic Flow	Weight	Cat-Class
Gulf Atlantic	2-32 x 4-30	Trash/Sludge	4"	1,000	85'	3"	30 HP	21 GPM	135 lbs.	045-0210
Gulf Atlantic	3-32 x 4-60	Slurry Gate	4"	1,100	115'	3"	60 HP	41 GPM	175 lbs.	045-0210
Gulf Atlantic	2-32 x 4-60	Trash/Sludge	4"	1,100	115'	3"	60 HP	41 GPM	135 lbs.	045-0230
Gulf Atlantic	2-37 x 6-30	Trash/Sludge	6"	1,500	50'	3.5"	30 HP	20 GPM	205 lbs.	045-0310
Hydratech	S4T	Trash/Sludge	4"	860	92'	3"	30 HP	15 GPM	165 lbs.	045-0310
Hydratech	S6T	Trash/Sludge	6"	1,900	125'	3"	60 HP	28 GPM	255 lbs.	045-0330
Gulf Atlantic	2-37 x 6-60	Trash/Sludge	6"	1,900	82'	3.5"	60 HP	45 GPM	205 lbs.	045-0330
Gulf Atlantic	3-37 x 4-60	Slurry Gate	6"	2,200	95'	3.5"	100 HP	54 GPM	265 lbs.	045-0350
Gulf Atlantic	2-50 x 8-100	Trash/Sludge	8"	4,000	58'	4.5"	100 HP	62 GPM	730 lbs.	045-0420

Note: Stainless steel models are also available for pumping corrosive liquids.

DIESEL-DRIVEN HYDRAULIC POWER PACKS

are trailer-mounted for portability and designed for extended periods of continuous operation.

- 30 HP to 150 HP models
- Large fuel tanks provide over 24 hours run time at full load
- Auxiliary fuel tanks are available for longer run times (see page 236)
- All models utilize biodegradable hydraulic fluid to help protect the environment



Gulf Atlantic ZU-100JT 100 HP Hydraulic Power Pack



Make	Model	HP	Hydraulic Flow	Supply*	Return*	Onboard Fuel Cap	Consump Full Load	Run Time Full Load	Overall Dimensions	Weight	Cat-Class
Hydratech	HT60DQV	60	26 GPM	1"	1"	49 gal.	2.8 GPH	17.5 hrs.	122"L x 62"W x 69"H	2,460 lbs.	042-0150
Gulf Atlantic	ZU-60JT	60	42 GPM	1"	1-1/4"	96 gal.	2.6 GPH	36.9 hrs.	96"L x 72"W x 68"H	2,500 lbs.	042-0160
Gulf Atlantic	ZU-100JT	100	71 GPM	1-1/4"	1-1/2"	112 gal.	3.9 GPH	28.7 hrs.	138"L x 72"W x 68"H	3,100 lbs.	042-0180

*Supply and return connections shown accommodate runs up to 50' from the power unit. For longer runs, increase hose diameter by 1/4" in each direction.

[†]Environmental model with sound-attenuation and complete fluid containment.

PUMPS

AIR DIAPHRAGM PUMPS, WELLPOINT PUMPS, DOUBLE DIAPHRAGM PUMPS

AIR DIAPHRAGM PUMPS provide pumping solutions for applications where compressed air is available as a power source. Output is variable, dependent upon the air supply pressure, which should not exceed 125 PSI (100 PSI maximum for polypropylene models).

- All models are self-priming, can be run dry and handle suction lifts of 10' to 20'
- Submersible—pumps can be dropped to the bottom of a tank
- Suitable for hazardous location applications
- Variable flow rates, determined by the inlet air pressure
- All models feature a 1:1 ratio (inlet air pressure vs. discharge outlet pressure)

Note: Air diaphragm pumps provide a variety of application options.

Please contact Sunbelt Rentals Pump & Power Services for technical assistance:

800-736-2504



2" Stainless Steel Pump

3" Aluminum Pump

Make	Model	Suction/Discharge	Housing	Diaphragm	Flow Range	Max Head	Max Solids	Max Temp	Applications	Weight	Cat-Class
Ingersoll-Rand	6661AF-344-C	1"	Polypropylene	Teflon	0–35 GPM	240'	.125"	175°	Chemical transfer	24 lbs.	047-0010
Ingersoll-Rand	PD20A-AAP-GGG	2"	Aluminum	Buna	0–170 GPM	240'	.430"	212°	Neutral (6-8 pH)	64 lbs.	047-0020
Ingersoll-Rand	PD2A-ASP-STT	2"	Stainless Steel	Teflon	0–170 GPM	240'	.250"	212°	Acid (0-3 pH), caustic (11-14 pH)	154 lbs.	047-0040
Ingersoll-Rand	PD30A-AAP-GGG-B	3"	Aluminum	Buna	0–275 GPM	240'	.375"	212°	Neutral (6-8 pH)	113 lbs.	047-0050
Ingersoll-Rand	PD30A-ACP-GGG-B	3"	Cast Iron	Buna	0–275 GPM	240'	.375"	212°	Acid (4-5 pH), caustic (9-10 pH)	197 lbs.	047-0060
Ingersoll-Rand	PD30A-ASP-STT-B	3"	Stainless Steel	Teflon	0–275 GPM	240'	.375"	212°	Acid (0-3 pH), caustic (11-14 pH)	203 lbs.	047-0080

DIESEL WELLPOINT PUMPS are specifically designed for underground dewatering applications, used with PVC headers and points to dewater construction sites prior to excavation. A high-efficiency air separation tank allows the pump to handle large volumes of air and water. A dry prime system automatically primes and reprimers the pump while it is running.

6" Standard Pump; 3,350 lbs. dry wt.

(Cat-Class 041-0520)

6" Sound-attenuated Pump; 3,650 lbs. dry wt.

(Cat-Class 041-0525)

Note: Wellpoint pumps are available in select markets only.



6" Sound-attenuated Diesel Wellpoint Pump



Myers-Seth DD-4/HA/T 4" Diesel Double Diaphragm Pump

DIESEL DOUBLE DIAPHRAGM PUMPS are positive displacement pumps that are ideal for handling the mud and slurries often found at construction sites, as well as for pumping abrasive materials. They feature a double plunger design with dual diaphragm pump chambers and heavy-duty cushion rods for rugged, dependable performance. Pumps are self-priming and can run dry continuously.

Myers-Seth DD-4/HA/T (Cat-Class 041-0010)

- 4" pump mounted on towable trailer, 1,350 lbs. dry wt.
- Hatz diesel engine
- 300 max GPM, 65' max head, 3.5" max solids

PUMPS

PERFORMANCE TESTING, PUMP SERVICES



Sewer bypass completed in Baltimore, MD., with 16 18" Quiet Flow™ pumps, all designed and installed by Sunbelt Rentals Pump & Power Services.

PUMP SERVICES include the complete design of temporary pump and pipeline systems, from suction to discharge. We can help you determine the most productive and cost efficient pump solution for all your fluid handling needs.

Note: See pages 220-224 for reference information including pump basics, determining pump requirements and performance calculations.

Sunbelt Rentals technicians servicing a 24" diesel trash pump on a multi-pump municipal sewer bypass project



For more information about large pumps and custom installations, call Sunbelt Rentals Pump & Power Services at 800-736-2504.
24-Hour Service



PUMP ACCESSORIES

AUTO-START SYSTEMS, LOFA PANELS, TRANSDUCERS

AUTO-START SYSTEMS allow pumps to start up or shut down automatically when the fluid level reaches a preset level. Quiet Flow™ diesel-driven trash pumps include built-in auto-start capability, integrated into the main control panel. Float switches, which are placed at preset levels in the intake area, are connected to the control panel by a twist-lock cable.

Auto-Start control (Cat-Class 046-0901)

Float switch (Cat-Class 155-1070)

Float switch, double (Cat-Class 155-1071)

25' Float switch cable: (Cat-Class 155-1080)

Quiet Flow diesel-driven trash pumps include built-in Auto-Start capability, as shown in the this control panel



Sunbelt Rentals is always looking for tools that will help our customers increase process efficiencies. The LOFA panel is just that – a universal platform to monitor, control and automatically start/stop both electronically and mechanically governed diesel engines. The panel displays diagnostic messages from the engine ECU as well as performs the ECU function by monitoring oil pressure, RPM, engine temperature, diagnostic codes and fuel level. For automated pump applications, the panel can easily be configured in the field for a wide variety of pumping applications utilizing float switches or transducers for level, pressure or flow. (Cat-Class 006-0100)

- Universal engine support for both electronically and mechanically governed engines
- Super-bright LEDs for Preheat, Autostart, Warning and Stop indication
- Alarm output to signal start warning or shutdown conditions
- Engine monitoring and diagnostics via First-Fault Diagnostics (FFD)

TRANSDUCERS were designed for difficult level sensing applications where sludge, slurry or turbulence may be present. They provide excellent durability and service life in difficult environments; they may be used to monitor extremely low liquid levels or when the assembly is buried in a layer of sludge. Common applications include lift stations, wet wells and other level sensitive applications. When coupled with a LOFA 750 controller, transducers allow a diesel engine to become an automatic variable speed unit. Sensing the flow level as it rises, transducers gradually increase the engine speed and decrease it as the flow level drops. (Cat-Class 006-0105)



PUMP ACCESSORIES

REMOTE MONITORING SYSTEMS, AUXILIARY FUEL TANKS

REMOTE MONITORING SYSTEMS are available for tracking the status and performance of pumps and other equipment utilized in critical applications. Systems available range from simple auto-dialers, which dial multiple phone numbers when the equipment shuts down or starts up, to sophisticated, web-based tracking systems that monitor multiple functions on a continuous basis. Typical functions monitored include the following:

- Machine status—whether or not the unit is running
- Engine hours—monitors usage and helps schedule preventive maintenance
- Location (global positioning)—for dispatch purposes and theft protection
- GeoFencing—notification when equipment leaves a designated area
- Remote management—ability to monitor single or multi-unit status, including monitoring multiple machine functions and controlling start-up and shutdown of units without a machine operator present

ENVIRONMENTAL AUXILIARY FUEL TANKS provide extended run times for all types of diesel-driven equipment. Several sizes are available, each featuring an environment-friendly design and rugged, steel construction that provides excellent spill control and complete fluid containment.

- 264–2,300 gallon tanks available
- Double wall construction (except 275 gallon tank), with UL listed interior tanks and exterior rupture basins
- Southwest Research Fire Code rated
- Galvanized steel frames provide protection from accidental damage and also allow stacking of tanks
- Forklift pockets and 4-point lifting eyes for easy loading
- Fuel gauge with lockable fill and overflow shutoff valve
- Quick-connect hoses and fittings allow fast, easy hookup
- Each tank accommodates two supply and two return lines



Two containment berms holding auxiliary fuel tanks at a dewatering project in Seattle, WA



Transcube 30TCG

Model	Capacity	Dimensions	Dry Weight	Cat-Class
10TCG	264 gal.	46"L x 46"W x 52"H	1,118 lbs.	110-0110
275GT ¹	275 gal.	56"L x 44"W x 55"H	1,431 lbs.	110-0110
500ET	500 gal.	84"L x 48"W x 80"H	3,750 lbs.	110-0210
20TCG	528 gal.	87"L x 46"W x 52"H	1,825 lbs.	110-0210
30TCG	792 gal.	91"L x 59"W x 52"H	2,153 lbs.	110-0310
40TCG	1,000 gal.	91"L x 87"W x 48"H	2,724 lbs.	110-0310
1000ET	1,000 gal.	102"L x 66"W x 80"H	4,850 lbs.	110-0310
50TCG	1,240 gal.	91"L x 91"W x 52"H	3,576 lbs.	110-0410
2300ET	2,300 gal.	144"L x 96"W x 84"H	8,100 lbs.	110-0410

¹275 gallon tank does not include double-wall construction or UL and Southwest Research ratings. Accommodates only one supply and one return line.

CONTAINMENT BERMS offer an ideal solution for secondary containment. Extremely durable, the berm's outside support straps allow the use of the full footprint of the berm for containment purposes. (see page 149)

GROUND PROTECTION MATS create effective temporary roadways and working platforms to ensure the safe transport and operation of workers and equipment. Made of High-Density Polyethylene, the mats provide superior protection and outperform plywood, timber mats and steel road plates in performance, safety and efficiency. (see page 149)

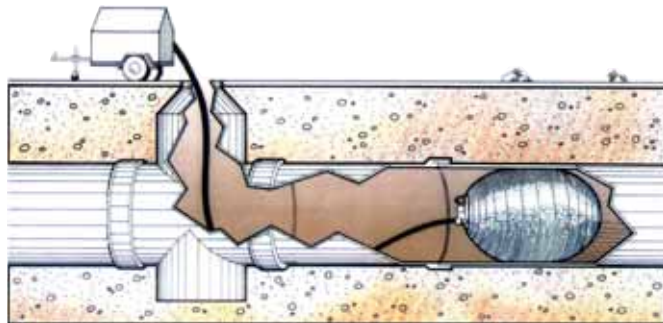
- Composite rig matting system, temporary road and drill staging system
- Easy installation
- Anti-slip traction pattern
- Easy-to-use cast aluminum cam lock system

PUMP ACCESSORIES

PIPE PLUGS

PIPE PLUGS are used to block off pipelines during bypass, rehabilitation and maintenance applications. The plug is positioned inside the pipeline and then expanded to fit using compressed air from an outside source. A selection of multi-size pipe plugs is available to accommodate pipelines from 6" to 96" diameter, plus rope and hose kits.

- Domehead plugs feature controlled expansion: as the plug inflates, it gets larger in diameter and shorter in length
- Flow-Thru plugs include a large bypass within the plug, which allows bypassing line fluids or injecting chemicals into the line



Domehead Pipe Plug



Flow-Thru Pipe Plug

Rope and Hose Kits

Available in 20' & 30' kits with and without pressure gauge (Cat-Class 155-1085)



CAUTION!

Block plugs to prevent moving.

Model	Type	Pipe Range	Min Pipe Dia	Max Pipe Dia	Required Inflation	Max Back/Test	Bypass Flow-Thru	Length	Diameter	Weight	Cat-Class
060-610-0	Domehead	6"-10"	5.25"	10.25"	30 PSI	15 PSI	N/A	19"	5.0"	5 lbs.	155-1115
070-610-1	Flow-Thru	6"-10"	5.70"	10.25"	30 PSI	15 PSI	3"	20"	5.0"	11 lbs.	155-1120
060-812-0	Domehead	8"-12"	7.25"	12.25"	25 PSI	15 PSI	N/A	20"	7.0"	8 lbs.	155-1125
070-812-1	Flow-Thru	8"-12"	7.00"	12.25"	30 PSI	15 PSI	4"	20"	6.0"	18 lbs.	155-1130
060-1218-0	Domehead	12"-18"	11.50"	18.25"	25 PSI	15 PSI	N/A	30"	11.0"	29 lbs.	155-1135
072-1218-1	Flow-Thru	12"-18"	11.00"	18.25"	25 PSI	15 PSI	8"	32"	10.5"	50 lbs.	155-1142
060-1530-1	Domehead	15"-30"	14.00"	30.25"	20 PSI	8 PSI	N/A	55"	13.7"	49 lbs.	155-1145
072-1530-1	Flow-Thru	15"-30"	14.30"	30.25"	20 PSI	8 PSI	8"	52"	14.0"	120 lbs.	155-1152
060-2036-0	Domehead	20"-36"	19.00"	36.25"	20 PSI	8 PSI	N/A	64"	18.5"	85 lbs.	155-1155
072-2036-1	Flow-Thru	20"-36"	19.00"	36.25"	20 PSI	8 PSI	8"	56"	18.5"	163 lbs.	155-1162
060-2448-0	Domehead	24"-48"	22.00"	48.25"	15 PSI	8 PSI	N/A	84"	21.5"	98 lbs.	155-1165
072-2448-1	Flow-Thru	24"-48"	22.00"	48.25"	15 PSI	8 PSI	8"	94"	21.5"	174 lbs.	155-1172
060-3660-0	Domehead	36"-60"	34.50"	60.25"	10 PSI	6 PSI	N/A	84"	29.5"	150 lbs.	155-1175
072-3660-1	Flow-Thru	36"-60"	34.50"	60.25"	10 PSI	6 PSI	8"	98"	29.5"	210 lbs.	155-1182
060-4872-0	Domehead	48"-72"	46.00"	72.25"	10 PSI	6 PSI	N/A	84"	43.5"	340 lbs.	155-1185

PIPE PLUG SAFETY INSTRUCTIONS

1. Pipe plugs are intended for use in piping systems only. Do not inflate a pipe plug unless it is totally confined within the proper size pipe.
2. Each pipe plug is specifically rated for certain pressures under specific conditions. Do not exceed these pressures, as specified for each plug. If in doubt, contact a Sunbelt Rentals representative.
3. All pipe plugs must be used with proper blocking or restraints that meet or exceed the standards of the industry—consult a registered engineer.
4. Pipe plugs are designed for inflation in piping only. Plugs must conform in rated size(s) to piping size.
5. Through misuse, abuse, improper storage, age, or component failure or malfunction, a device may fail. The user is warned to consider the failure mode of all parts (components) to be used in the system and to provide adequate safeguards to prevent personal injury, death, or property damage in the event of a failure mode occurrence.

6. All end users must be thoroughly instructed in all safety aspects when using these products, including how to provide for personal protection in the event of a failure mode.
7. It is the responsibility of the user to check all components for both accuracy and integrity immediately prior to use. All gauges and pressure components must be checked and certified for function and accuracy.
8. All end users are cautioned to review specific warnings, ratings, pressures and other information immediately prior to use. This information may be found in instruction sheets, product specification sheets, catalogs/brochures on the device and/or on attached hang tags.
9. If such information cannot be located, the user is requested to call the Kansas factory at (800) 452-4902 for specific information. Such information will be supplied in written form by FAX or mail upon request. Kansas safety information can also be found on the Kansas web site: www.kansas.com
10. Do not operate or attempt to use any pipe plugs without proper training and complete information regarding the pipe plug to be used.

PUMP ACCESSORIES

HOSE & FITTINGS

KANAFLEX SUCTION HOSE is ideal for heavy-duty fluid handling applications. It is very durable and lightweight, constructed of corrugated PVC hose with smooth bore coupled galvanized Bauer-type fittings (male x female) and two spiral bolt clamps at each end. Each hose includes closure, ball, socket and ring. Hose strainers are also available for each size.



Kanaflex Suction Hose				
ID	Length	Max PSI	Weight	Cat-Class
2"	10'	50	11 lbs.	155-0875
2"	20'	50	18 lbs.	155-0880
3"	10'	50	19 lbs.	155-0885
3"	20'	50	31 lbs.	155-0890
4"	10'	40	33 lbs.	155-0895
4"	20'	40	50 lbs.	155-0900
6"	10'	35	71 lbs.	155-0905
6"	20'	35	89 lbs.	155-0910
8"	10'	30	99 lbs.	155-0915
8"	20'	30	155 lbs.	155-0920
10"	10'	20	151 lbs.	155-0925
12" ¹	10'	20	294 lbs.	155-0930

¹12" suction hose is vacuum rubber, not corrugated PVC.



Hose Strainers		
Diameter	Weight	Cat-Class
2"	2 lbs.	155-0935
3"	2 lbs.	155-0940
4"	3 lbs.	155-0945
6"	7 lbs.	155-0950
8"	9 lbs.	155-0955
10"	31 lbs.	155-0960
12"	42 lbs.	155-0965



Bauer-Type Fittings



Camlock Fittings

SNAP-TITE DISCHARGE HOSE features a "lay-flat" design and includes a Nitrile tube and cover coupled with Bauer-type fittings at each end (male x female), with two stainless steel band clamps and one T-Bolt clamp at each end (2" and 3" I.D. hose has only one band clamp at each end).



Snap-Tite Discharge Hose				
ID*	Length	Max PSI	Weight	Cat-Class
2"	50'	100	21 lbs.	155-0975
3"	50'	100	39 lbs.	155-0980
4"	25'	100	35 lbs.	155-0985
4"	50'	100	55 lbs.	155-0990
6"	25'	75	58 lbs.	155-0995
6"	50'	75	90 lbs.	155-1000
8"	25'	50	98 lbs.	155-1005
8"	50'	50	168 lbs.	155-1010

*Lay-Flat discharge hose is not suitable for high-pressure applications such as forcemain sewer bypasses.

WILCOX COMPOSITE HOSE is designed for high-pressure applications such as forcemain sewer bypasses. It is also chemical resistant, flexible and lightweight. Each hose is coupled with steel, full-face flanges.



Wilcox Composite Hose				
ID	Length	Max PSI	Weight	Cat-Class
4"	10'	250	105 lbs.	155-1030
4"	20'	250	160 lbs.	155-1035
6"	10'	250	145 lbs.	155-1040
6"	20'	250	220 lbs.	155-1045
8"	10'	250	227 lbs.	155-1050
8"	20'	250	346 lbs.	155-1055
12" ¹	10'	150	525 lbs.	155-1060

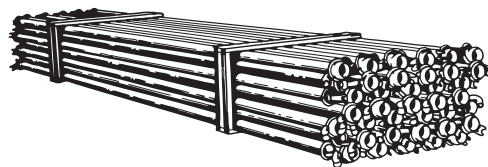
¹12" hose is high-pressure rubber (not Wilcox).

PUMP ACCESSORIES

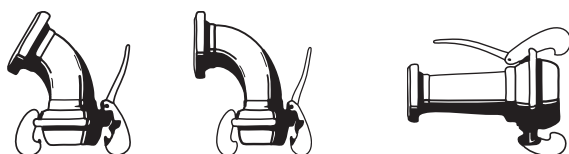
BAUER PIPE & FITTINGS

BAUER PIPE is heavy-duty galvanized steel piping that has gained worldwide acceptance as the preferred choice in a wide range of fluid handling applications. An extensive inventory of Bauer pipe and fittings are available to accommodate any size pump installation.

- Strong and durable—produced from high-grade, high-tensile steel with abrasion resistant, hot-dip galvanization. Resists high heat (110° c). Designed to maintain high-tensile strength under pressure or suction. Unique welded hinge and pin design provides excellent durability
- Fast assembly—no loose parts. Hook-and-latch design allows you to quickly attach pipe and fittings without tools
- Flexible—the unique ball and socket design allows up to a 30° articulation at the pipe joint, making it easy to align pipe on uneven terrain
- Safe—the bauer hk coupler provides a tight seal for suction and discharge applications up to 80 PSI

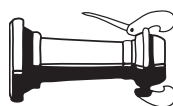


Bauer Pipe					
Diameter	Length	Max PSI	Artic	Weight	Cat-Class
4"	3'	174	30°	12 lbs.	155-0260
4"	6'	174	30°	19 lbs.	155-0265
4"	10'	174	30°	25 lbs.	155-0270
4"	20'	174	30°	41 lbs.	155-0275
6"	3'	174	15°	23 lbs.	155-0280
6"	6'	174	15°	33 lbs.	155-0285
6"	10'	174	15°	44 lbs.	155-0290
6"	20'	174	15°	75 lbs.	155-0295
8"	3'	174	15°	37 lbs.	155-0300
8"	6'	174	15°	50 lbs.	155-0305
8"	10'	174	15°	64 lbs.	155-0310
8"	20'	174	15°	100 lbs.	155-0315
12"	3'	174	20°	100 lbs.	155-0320
12"	10'	174	20°	183 lbs.	155-0325



60° & 90° Bends			
Size	Angle	Weight	Cat-Class
4"	60°	11 lbs.	155-0330
4"	90°	11 lbs.	155-0335
6"	60°	23 lbs.	155-0340
6"	90°	18 lbs.	155-0345
8"	60°	28 lbs.	155-0350
8"	90°	28 lbs.	155-0355
10"	60°	54 lbs.	155-0360
10"	90°	60 lbs.	155-0365
12"	60°	84 lbs.	155-0370
12"	90°	87 lbs.	155-0375

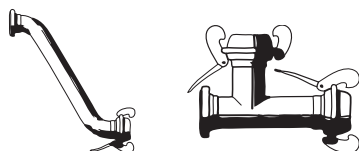
Increasesers		
Size	Weight	Cat-Class
3" x 4"	7 lbs.	155-0415
4" x 6"	13 lbs.	155-0420
6" x 8"	24 lbs.	155-0425
8" x 10"	37 lbs.	155-0430
8" x 12"	59 lbs.	155-0435
10" x 12"	72 lbs.	155-0440



Reducers		
Size	Weight	Cat-Class
4" x 3"	6 lbs.	155-0445
6" x 4"	12 lbs.	155-0450
8" x 6"	23 lbs.	155-0455
10" x 8"	46 lbs.	155-0460
12" x 8"	58 lbs.	155-0465
12" x 10"	64 lbs.	155-0470



Step Bows		
Size	Weight	Cat-Class
4"	28 lbs.	155-0380
6"	62 lbs.	155-0385



Cross Tees		
Size	Weight	Cat-Class
4"	17 lbs.	155-0390
6"	32 lbs.	155-0395
8"	54 lbs.	155-0400
10"	82 lbs.	155-0405
12"	130 lbs.	155-0410

Wyes		
Size	Weight	Cat-Class
4"	21 lbs.	155-0475
6"	41 lbs.	155-0480
8"	66 lbs.	155-0485
12"	155 lbs.	155-0490

Balls with Pipe Thread or Flange			
Size	Thread/Flange	Weight	Cat-Class
3"	FPT	7 lbs.	155-0495
3"	MPT	4 lbs.	155-0500
3"	Flange	14 lbs.	155-0505
4"	FPT	13 lbs.	155-0510
4"	MPT	5 lbs.	155-0515
4"	Flange	16 lbs.	155-0520
6"	FPT	26 lbs.	155-0525
6"	MPT	11 lbs.	155-0530
6"	Flange	27 lbs.	155-0535
8"	FPT	41 lbs.	155-0540
8"	MPT	24 lbs.	155-0545
8"	Flange	35 lbs.	155-0550
10"	Flange	57 lbs.	155-0555
12"	Flange	87 lbs.	155-0560

Sockets with Pipe Thread or Flange			
Size	Thread/Flange	Weight	Cat-Class
3"	FPT	5 lbs.	155-0565
3"	MPT	11 lbs.	155-0570
3"	Flange	9 lbs.	155-0575
4"	FPT	11 lbs.	155-0580
4"	MPT	11 lbs.	155-0585
4"	Flange	11 lbs.	155-0590
6"	FPT	16 lbs.	155-0595
6"	MPT	11 lbs.	155-0600
6"	Flange	18 lbs.	155-0605
8"	FPT	28 lbs.	155-0610
8"	MPT	11 lbs.	155-0615
8"	Flange	22 lbs.	155-0620
10"	Flange	53 lbs.	155-0625
12"	Flange	74 lbs.	155-0630

PUMP ACCESSORIES

VALVES & FLANGES, ROAD RAMPS

SWING CHECK VALVES are used in a suction or discharge line to allow flow in only one direction. This prevents reverse flow in the pipeline, isolating the material being pumped. Valves also include a built-in tap for a backflow actuator, which allows backflushing, draining and testing pipelines.

Swing Check Valves		
Diameter*	Weight	Cat-Class
4"	63 lbs.	155-1210
6"	100 lbs.	155-1215
8"	200 lbs.	155-1220
12"	525 lbs.	155-1225

*Rubber-lined valves are available that are suitable for abrasive and corrosive materials.

BUTTERFLY VALVES are used to isolate suction or discharge piping and provide false head. They are adjusted very quickly compared to other types of valves.

Butterfly Valves		
Diameter	Weight	Cat-Class
4"	65 lbs.	155-1190
6"	85 lbs.	155-1195
8"	120 lbs.	155-1200
12"	270 lbs.	155-1205

GATE VALVES (also called knife valves) are used to isolate suction/discharge flow and provide false head. They are useful in bypass applications where there is a lot of debris present since the valve mechanism is located outside of the stream flow, helping to prevent clogging.

Gate Valves		
Diameter	Weight	Cat-Class
4"	40 lbs.	155-1230
6"	65 lbs.	155-1235
8"	110 lbs.	155-1240
12"	255 lbs.	155-1245
18"	600 lbs.	155-1247

STEEL FLANGE ADAPTERS are used to connect two different sizes of hose or pipe that are equipped with full-face flanges.



Steel Flange Adapter

Steel Flange Adapters		
Size	Weight	Cat-Class
8" x 12"	30 lbs.	155-1250
12" x 18"	115 lbs.	155-1255
18" x 24"	197 lbs.	155-1260
24" x 36"	400 lbs.	155-1265



Swing Check Valves

*Cutaway view of valve in the closed position
The mechanical indicators show whether the valve is open or closed
Note: Mechanical indicators and backflow actuators are not recommended on rubber-lined valves.*



Butterfly Valve

Available in 4" to 12" diameters



Gate Valve

Available in 4" to 18" diameters

ROAD RAMPS are used to transfer pumped fluids across a street or roadway without blocking traffic. They utilize square steel tubing and include ASA flanges on each end.



An 8" x 12' road ramp in operation on a golf course drought relief pump project

Road Ramps		
Size*	Weight	Cat-Class
8" x 12'	1,150 lbs.	155-1090
12" x 12'	2,270 lbs.	155-1093

*Additional sizes of road ramps may also be available.

PUMP ACCESSORIES

HDPE PIPE & FITTINGS

HDPE PIPE (High Density Polyethylene) is very reliable for pump and pipeline installations. It is well-suited for long pipelines, such as sewer bypass projects, combining a lightweight design with high flow capabilities. HDPE pipe is available in 8", 12", 16", 18" and 24" diameters in any length required to accommodate large installations. Pipe is delivered to the job site in 40' to 50' sections, which are joined together using a portable fusion machine. At the completion of a project, the pipeline is cut into sections and reused on other jobs.

- Heat fuseable—allows fabrication of long pipelines on-site
- Extremely reliable, with a zero leak rate
- Hydraulically smooth, with superior flow capabilities
- Durable—excellent resistance to fatigue, surges, weather, abrasion, corrosion and chemicals
- Reusable—cut pipe into sections and use on other jobs



HDPE elbows, tees, reducers, wyes and flange adapters are available



HDPE pipe is ideal for large pump installations requiring high flow rates and long discharge lines

Above: A 36" diameter HDPE manifold combining the flows of (6) 18" discharge lines on a sewer bypass project



A 24" diameter HDPE manifold combining the flows of (4) 12" discharge lines on a sewer bypass project

Below: A portable fusion machine joining two 24" diameter HDPE pipe sections

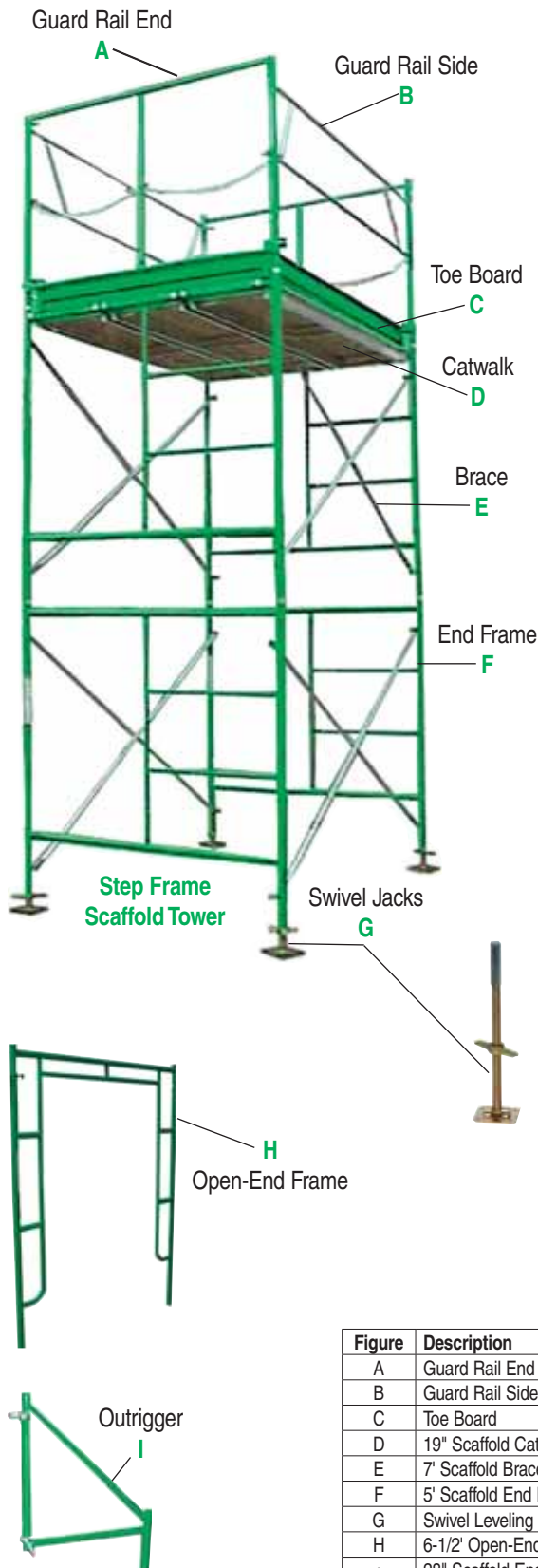


McElroy T630 Fusion Machine 8" IPS – 24" pipe

HDPE SDR26 Pipe		
Diameter	Weight (per foot)	Cat-Class (per foot)
8"	3.78 lbs.	155-1735
12"	8.27 lbs.	155-0830
16"	13.02 lbs.	155-0835
18"	16.48 lbs.	155-0840
24"	29.29 lbs.	155-0845

SCAFFOLDING & LADDERS

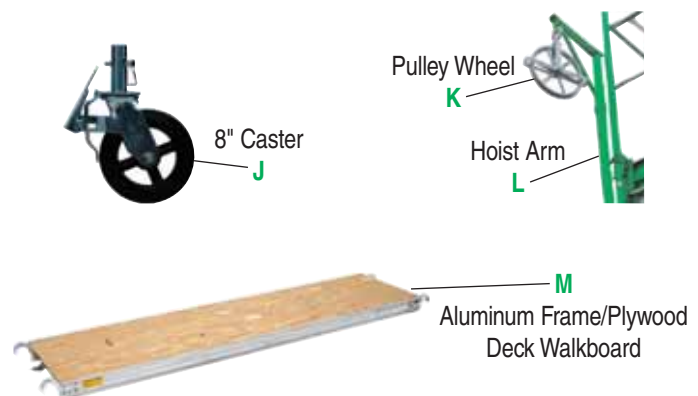
FRAME SCAFFOLDING



FRAME SCAFFOLDING features step frames, open-end frames and narrow ladder frames. Frame scaffolding can be utilized in freestanding towers (stationary or rolling) or attached to a building utilizing tie braces.

- 28" and 5' end frame widths
- 5' and 6-1/2' frame heights
- 8" scaffold casters available for rolling towers
- Swivel leveling jacks available for stationary towers
- 30" outriggers available to increase tower base dimensions
- Tie braces available for attaching scaffolding to buildings
- Scaffold pulley wheels (well wheels) available with swivel head hoist arms for lifting up to 100 lb. loads

Caution: Consult your state and local codes for compliance information on freestanding towers.



Standard Configurations

Levels	Platform Height	Max Working Height	Overall Height	Weight
1	6'	12'	9' 6"	356 lbs.
2	11'	17'	14' 6"	462 lbs.
3 ¹	16'	22'	19' 6"	568 lbs.
4 ¹	21'	27'	24' 6"	775 lbs.
5 ¹	26'	32'	29' 6"	881 lbs.

¹These scaffold towers include 30" scaffold outriggers.

Figure	Description	Bulk Code
A	Guard Rail End Panel	SCAFGRDEND
B	Guard Rail Side Panel	SCAFGRDSID
C	Toe Board	TOEBOARD
D	19" Scaffold Catwalk	SCAFCAT
E	7" Scaffold Brace	SCAFBRACE
F	5' Scaffold End Frame	SCAFEND5
G	Swivel Leveling Jacks	SCAFJACK
H	6-1/2' Open-End Frame	SCAFEND6
*	28" Scaffold End Frame	SCAFEND28

Figure	Description	Bulk Code
*	Guard Rail Mid Post	SCAFGRDMID
I	Scaffold Outrigger	SCAFOUTRIG
J	8" Scaffold Caster	SCAFCASTER
*	Diagonal Goosier Brace	SCAFCROSB
K	Scaffold Pulley Wheel	SCAFPULLY
L	Scaffold Hoist Arm	SCAFARM
M	19" Walkboard	WALKB
*	Post Jack	POSTJACK

*These items are not illustrated.

SCAFFOLDING & LADDERS

INTERIOR ADJUSTABLE SCAFFOLDING

INTERIOR ADJUSTABLE (BAKER'S) SCAFFOLDING

is ideal for many installation and maintenance applications requiring versatile, compact configurations and easy one-person setup. Typical applications include electrical, painting, acoustical, finishing, window cleaning, sign installation, overhead doors, lighting, HVAC and general building maintenance. Features narrow 29" width end frames, which allows single units to roll through a 30" doorway.

- Platform heights adjustable in 2" increments utilizing spring activated locks
- Versatile design, great for stairway and foyer applications
- Span-type brace/rails enable movement over obstacles
- Units easily stacked for increased working heights
- Plywood decks with steel frames and supports for secure footing
- Unique panel guard rails stay with the platform when level is adjusted

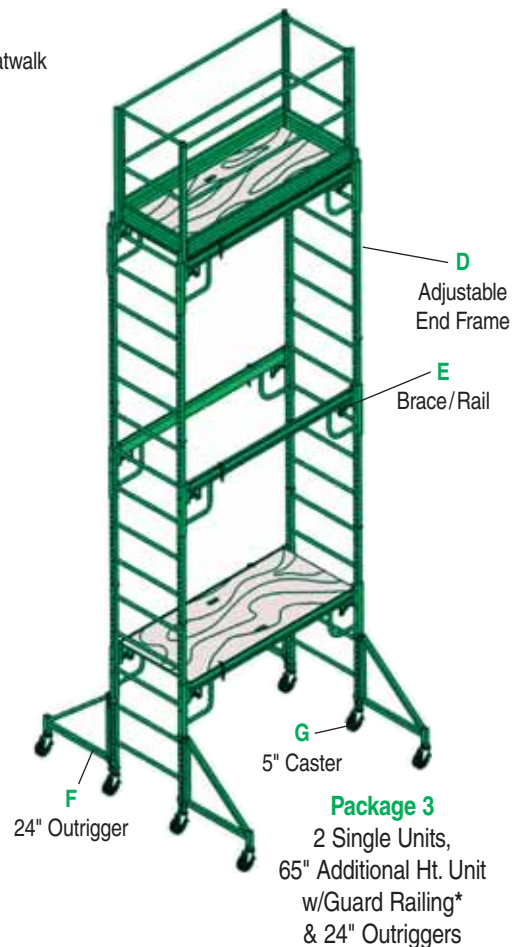


*Guardrails and toeboards may be required when a fall to a lower level is greater than 4', 6' or 10'. Refer to job site and OSHA regulations that apply to your scaffold project.

Standard Package Specifications

Package	Platform Height	Max Working Height	Overall Height	Weight
1	2' to 6'	12' 6"	9' 6"	240 lbs.
2	2' to 11' 6"	18'	15'	430 lbs.
3	2' to 17'	23' 6"	20' 6"	538 lbs.

Figure	Description	Bulk Code
A	Safety Guard Rail	SCAFGRDMP
B	Scaffold Catwalk	SCAFCATMP
C	18" Safety Outrigger	SCAFOUT18M
D	65" x 28" Adjustable End Frame	SCAFENDMP
E	6' Brace/Rail	SCAFBRACMP
F	24" Safety Outrigger	SCAFOUT24M
G	5" Scaffold Caster	SCAFCASTMP



SCAFFOLDING & LADDERS

LADDERS

STEP LADDERS are available in several sizes in both aluminum and fiberglass types.

- Aluminum ladders include a tool tray top and slip-resistant steps and feet to help ensure secure footing and safe operation
- Fiberglass ladders feature full channel, non-conductive fiberglass rails for demanding industrial applications. They also include a tool tray top and slip-resistant steps



Size/Type	Rating	Bottom Width	Spread	Weight	Cat-Class
4' Fiberglass	300 lbs.	21"	30"	16 lbs.	066-0050
6' Aluminum	300 lbs.	23"	41"	22 lbs.	066-0055
6' Fiberglass	300 lbs.	23"	41"	20 lbs.	066-0055
8' Aluminum	300 lbs.	26"	54"	30 lbs.	066-0060
8' Fiberglass	300 lbs.	26"	54"	26 lbs.	066-0060
10' Aluminum	300 lbs.	29"	66"	43 lbs.	066-0065
10' Fiberglass	300 lbs.	29"	66"	33 lbs.	066-0065
12' Aluminum	300 lbs.	32"	78"	55 lbs.	066-0070
12' Fiberglass	300 lbs.	32"	78"	41 lbs.	066-0070
16' Aluminum	300 lbs.	42"	104"	78 lbs.	066-0075

TRESTLE LADDERS combine a 12' aluminum step ladder with a vertical fly section that can be extended and locked in 12" increments. They are rated at 300 lbs. capacity and include slip-resistant steps and feet. When utilized in pairs, trestle ladders can support scaffold stages up to 14" wide. Maximum extended height is 19' 6". Unit weighs approximately 112 lbs. (Cat-Class 066-0080)



EXTENSION LADDERS are available in both aluminum and fiberglass in various lengths to meet the needs of contractors and do-it-yourselfers. All models include slip-resistant steps and feet to help ensure secure footing and safe operation.

- A rope/pulley system is utilized for extending sections (except 16' models) and a rung lock secures sections when extended
- All models (except 60') feature a two-section design and D-shaped rungs
- The 60' model features a three-section design and round rungs

	Size/Type	Tot Section Length	Max Working Length	Rating	Outside Width	Weight	Cat-Class
TF	16' Aluminum	16'	13'	300 lbs.	18"	30 lbs.	066-0090
TF	16' Fiberglass	16'	13'	300 lbs.	18"	37 lbs.	066-0090
	20' Aluminum	20'	17'	300 lbs.	18"	37 lbs.	066-0093
	20' Fiberglass	20'	17'	300 lbs.	18"	45 lbs.	066-0093
TF	24' Aluminum	24'	21'	300 lbs.	18"	42 lbs.	066-0095
TF	24' Fiberglass	24'	21'	300 lbs.	18"	52 lbs.	066-0095
TF	32' Aluminum	32'	29'	300 lbs.	18"	62 lbs.	066-0100
TF	32' Fiberglass	32'	29'	300 lbs.	18"	72 lbs.	066-0100
TF	40' Aluminum	40'	35'	300 lbs.	18"	82 lbs.	066-0105
TF	40' Fiberglass	40'	35'	300 lbs.	18"	89 lbs.	066-0105
	60' Aluminum	60'	48'	250 lbs.	22"	173 lbs.	066-0110



SCAFFOLD SERVICES

FULL-SERVICE SCAFFOLDING

FULL-SERVICE SCAFFOLDING includes complete design, erection and dismantling for all types of installations, including scaffolding, mast climbers and swing stage. Scaffold specialists have the knowledge to recommend the most cost effective system for applications. Our erection & dismantling (E & D) crews are trained in the safe erection and dismantling of all types of scaffolding and access equipment.

- Quotes addressing each aspect of your project are submitted in advance
- Written contracts are prepared stating exact specifications and project responsibilities
- Professionally trained E & D crews perform the complete installation
- Scaffold Inspection Reports are performed to verify compliance with project specifications as well as OSHA and ANSI standards



For more information about full-service scaffolding and erection & dismantling services, call Sunbelt Rentals Scaffold Services at 866-784-1785.

Sunbelt Rentals E & D crews provide erection and dismantling services for various applications, including:

- Commercial construction: exterior coatings, insulation, drywall, electrical, roofing, mechanical, renovations and restorations
- Industrial maintenance: process pipe, machine access, outage maintenance
- Shipbuilding: onboard ships, repairs and painting in drydock
- Pulp and paper plants: digesters and maintenance
- Power plants: boilers and tanks



Sunbelt Rentals scaffold specialists design custom scaffold systems to achieve the customer's objective



SCAFFOLD SERVICES

FRAME SCAFFOLD INSTALLATIONS



A large frame scaffold installation erected at an apartment complex under construction



A frame scaffold installation at a new tour boat facility under construction



Scaffolding with a weatherproof enclosure system during the restoration of a high rise building



Frame scaffolding surrounding an art museum under construction

SCAFFOLD SERVICES

SYSTEMS SCAFFOLDING

SYSTEMS (OR MODULAR) SCAFFOLDING is designed for versatility because of its ease of installation and strength. Fast erection and dismantling is possible due to its modular design, absence of loose fittings and minimum pieces required. Typical applications include suspended scaffolding, inside tanks and boilers, industrial and petrochemical plants, pulp and paper mill digesters and vessels, ship repair, temporary stair systems, general construction and special events.

- Unique rosette accepts up to 8 connections on the same plane
- Vertical standards range in length up to 13'
- Horizontals and diagonals are available in various lengths to complete the scaffold structure
- Trusses are available up to 28' in length and are used to bridge over structures, doorways, equipment or machinery
- Planking is available in wood, aluminum and steel

SYSTEM FRAME SCAFFOLDING incorporates the strength and versatility of systems scaffold with the speed of frame scaffolding. Frames are 6' 6" high and 2' 5" or 3' 10" wide, designed to connect with all compatible systems scaffolding horizontals and diagonals. Can be built with 7' and 10' bays.



Above: Custom designed I-beams and shoring made of systems scaffold provide a clear span over the historic lighthouse's ground level oil house

Left: Systems scaffolding erected at a petrochemical plant, utilized during a scheduled plant maintenance shutdown

OSHA requires that only properly trained personnel erect scaffolding. See page 245 for information about Sunbelt Rentals Erection & Dismantling services.

SCAFFOLD SERVICES

MAST CLIMBING WORK PLATFORMS

MAST CLIMBING WORK PLATFORMS (MAST CLIMBERS) are heavy-duty work platforms that move along a vertical mast, using a rack and pinion drive system powered by an electric motor. They have the extra capacity to lift construction materials along with the workers. Typical applications include facade work, painting, bricklaying, marble and precast elements, stucco work, glass installation and shipyard work.

- Platforms can be positioned at the optimal heights increasing worker safety and productivity
- Safety features include electromagnetic brakes, over speed braking system, guard rail system, emergency stop, limit switches and manual controlled descent
- Substantial cost savings can be achieved compared to other forms of access
- Work force savings and reduced man-hours are achieved due to the operating efficiency of Mast Climbing Work Platforms
- Turnkey design, erection and dismantling services available
- Free standing installations up to 65'
- Standard Mast heights up to 490' (additional height may be achieved)
- Twin Mast installations with platform lengths up to 151'



Vertical travel on mast climbers is controlled from the work platform, which allows positioning the platform at the optimum height for workers



A total of 65 mast climbers were utilized during construction of this multi-sided convention hotel



Mast climbers allow workers to install glass inserts and outer decorative panels for the entire building in a quick and efficient manner



A total of 18 mast climbers were used on this project, providing access for workers installing marble on the building exterior

SCAFFOLD SERVICES

SUSPENDED PLATFORMS, FIXEO, ALUMINUM STAGES

SUSPENDED PLATFORMS (SWING STAGE)

are engineered to provide unlimited versatility for access to buildings and other structures. They feature modular platforms that can be configured in a variety of shapes to match building contours, including complex angles and continuous long runs. Suspended platforms are raised and lowered by electric or air-powered hoists.

- Modular platforms provide unlimited versatility using 30°, 45°, 60° and 90° angled corner units that adapt to any structure
- Selection of accessory items available
- Complete design, erection and dismantling services available



Modular staging allows unlimited versatility adapting to unusual building configurations



Workers using a suspended platform performing an exterior inspection at a high rise hotel

FIXEO SWING STAGE is a mast guided swing stage system that offers a lightweight and modular access solution when an alternative to standard swing stage rigging is required.

- Safety features include tilt sensor and slack rope device that allows for the use of horizontal lifeline system
- Mast heights up to 330'
- Platform lengths up to 50'
- Load capacities up to 2000 lbs.



FIXEO System is ideal for applications where an alternative to standard roof rigging is required

ALUMINUM STAGES are available in lengths up to 39'. Applications include scaffold installations and a variety of other uses. All sizes feature rugged construction with heavy-duty I-beam side rails.

- I-Beams are pre-drilled to accept guard rails
- Vinyl-coated end caps serve as hand grips and protect workers from sharp edges
- Individual snap-in decking for easy cleaning and in-field replacement



Width	Length(s)	Depth	Flange	Rating*	Weight(s)
12"	12/16'	4"	1-3/8"	500 lbs.	25/48 lbs.
12"	20/24/28'	6"	1-3/8"	500 lbs.	79/112/131 lbs.
14"	12'	4"	1-3/8"	500 lbs.	40 lbs.
14"	16'	5"	1-3/8"	500 lbs.	58 lbs.
14"	20'	6"	1-3/8"	500 lbs.	85 lbs.
14"	24/28/32'	6"	2"	500 lbs.	109/127/182 lbs.
20"	12'	4"	1-3/8"	500 lbs.	48 lbs.
20"	16'	5"	1-3/8"	500 lbs.	70 lbs.
20"	20/24'	6"	1-3/8"	500 lbs.	102/121 lbs.
20"	28/30'	6"	2"	500 lbs.	157/168 lbs.
24"	8/12'	4"	1-3/8"	500 lbs.	38/56 lbs.
24"	16'	5"	1-3/8"	500 lbs.	81 lbs.
24"	20/24'	6"	1-3/8"	500 lbs.	115/138 lbs.

*500 lbs. = 2-man rating and 750 lbs. = 3-man rating

Width	Length(s)	Depth	Flange	Rating*	Weight(s)
24"	28/30/32/36'	6"	2"	500 lbs.	168/180/191/252 lbs.
28"	12'	4"	1-3/8"	500 lbs.	60 lbs.
28"	20/24'	6"	1-3/8"	500 lbs.	124/147 lbs.
28"	28/30/32/36'	6"	2"	500 lbs.	187/200/213/282 lbs.
20"	20/24/28'	6"	2"	750 lbs.	107/135/189 lbs.
24"	8/12'	4"	2"	750 lbs.	43/64 lbs.
24"	16/20'	5"	2"	750 lbs.	92/115 lbs.
24"	24/28/30'	6"	2"	750 lbs.	145/204/222 lbs.
24"	32/36/39'	6"	2"	750 lbs.	236/323/365 lbs.
28"	8/12'	4"	2"	750 lbs.	48/71 lbs.
28"	16/20'	5"	2"	750 lbs.	103/128 lbs.
28"	24/28/30'	6"	2"	750 lbs.	161/220/236 lbs.
28"	32/36/39'	6"	2"	750 lbs.	251/344/388 lbs.

*500 lbs. = 2-man rating and 750 lbs. = 3-man rating

SCAFFOLD SERVICES

TRANSPORT PLATFORMS, PORTABLE HOISTS

TRANSPORT PLATFORMS offer a safe, efficient and cost effective solution for vertically transporting personnel and material.

- Safety features include over speed braking system, overload sensor, overhead protection, emergency stop, limit switches and manual controlled descent
- Speeds up to 40 feet per minute
- Substantial cost savings can be achieved compared to other forms of access
- Variable car configurations
- Load capacities of 3000/4000 lbs.



Floor stop bars allow for automatic stopping at each landing



Landing gates with guard rails allow for safe and easy access to each landing

PORTABLE HOISTS offer a safe, efficient and affordable material hoisting solution for all trades in the construction industry.

- Capacities ranging from 400 to 2000 lbs.
- Variable speeds ranging from 40 feet per minute to 80 feet per minute
- Options to hoist material up to 400 feet
- Power options from 110V to 220V single and three phase options
- Wired and wireless remotes
- Variable mounting options



VFD Models provide a smoother start and stop which are ideal for hoisting materials, such as glass panels



Trolley system allows for a hoisting system along the face of the building

SKID-STEER LOADERS

MINI SKID-STEER LOADERS

MINI SKID-STEER LOADERS provide outstanding versatility performing landscaping and utility applications. They feature hydrostatic drive and quick-attach couplers for easy, one-minute attachment changes. Their compact designs are ideal for working in tight spaces and confined areas.

- Toro models feature track drive and walk-behind operation
- Vermeer models feature track drive and ride-on platforms
- Selection of specialized attachments available



Toro Dingo TX1000 with Standard Bucket



Toro Dingo TX 420 with Standard Bucket



Vermeer S600TX with Auger Attachment



Make	Model	Rated Capacity	Tip Capacity	Engine	Standard Bucket	Overall Dimensions*	Weight	Cat-Class
Toro	Dingo TX 420	500 lbs.	1,480 lbs.	Kohler 20 HP gas	42" low profile	92"L x 42"W x 46"H	1,950 lbs.	048-0020
Toro	Dingo TX 427	500 lbs.	1,530 lbs.	Kohler 27 HP gas	42" low profile	92"L x 42"W x 46"H	2,006 lbs.	048-0020
Vermeer	S400TX	500 lbs.	1,450 lbs.	Kohler 23 HP gas	42" low profile	98"L x 42"W x 49"H	2,065 lbs.	048-0020
Vermeer	S600TX	500 lbs.	1,450 lbs.	Kohler 30 HP gas	42" low profile	93"L x 42"W x 58"H	2,530 lbs.	048-0020
Toro	Dingo TX 525	500 lbs.	1,580 lbs.	Kubota 25 HP diesel	42" low profile	92"L x 42"W x 46"H	2,001 lbs.	048-0030
Toro	Dingo TX 1000	1,000 lbs.	2,857 lbs.	Kubota 27 HP diesel	42" low profile	92"L x 42"W x 58"H	2,530 lbs.	048-0035

*Overall dimensions and weight reflect unit equipped with standard bucket—optional narrow buckets are available for work in confined areas.

MINI SKID-STEER ATTACHMENTS



Description	Capacity/Size	Weight	Cat-Class
Auger Head	6-30" diameter bits	176 lbs.	049-0028
Boring Unit	1-3/4" bit/2-1/2" reamer	120 lbs.	049-0027
Dozer Blade	48" width	140 lbs.	049-0032
Ground Leveler	49" working width	170 lbs.	049-0031
Harley Power Rake	48" working width	510 lbs.	049-0036
Multi-purpose Tool	Ripper/Tow Bar/Boom	40 lbs.	049-0029
Pallet Forks	335 lbs./40" tines	162 lbs.	049-0035
Soil Cultivator	51" working width	430 lbs.	049-0045
Tiller	40" tilling width	363 lbs.	049-0034
Tree Forks	43" fork length	169 lbs.	049-0033
Trencher	36" cutting depth	390 lbs.	049-0026

SKID-STEER LOADERS

SKID-STEER LOADERS

SKID-STEER LOADERS feature four-wheel drive and a unique steering system that allows them to turn 360° within their own length. This ability provides unsurpassed maneuverability working in tight spaces. Skid-steer loaders with operating capacities from 700 lbs. to 2,500 lbs. are available. Safety features include a ROPS canopy or cab, boom locks and a seatbelt interlock system. All models include a low profile bucket.

- Low clearance and excellent maneuverability
- Diesel-powered with hydrostatic drive
- Auxiliary hydraulic circuits for powering attachments
- Selection of skid-steer attachments available



Bobcat S510 1,650 lb. Capacity



John Deere 312G 1,500 lb. Capacity



Bobcat S650 2,690 lb. Capacity, with Auger Attachment

Make	Model	Rated Capacity	Tip Capacity	HP	Standard Bucket	Max Dump Height	Overall Dimensions	Weight	Cat-Class
Bobcat	S70 ¹	700 lbs.	1,405 lbs.	24	36" low profile	74"	101"L x 36"W x 71"H	2,795 lbs.	048-0100
Bobcat	S70 CAB ¹	700 lbs.	1,405 lbs.	24	36" low profile	74"	101"L x 36"W x 71"H	2,795 lbs.	048-0110
John Deere	312G	1,500 lbs.	3,100 lbs.	48	68" low profile	89"	127"L x 68"W x 77"H	5,995 lbs.	048-0400
John Deere	314	1,500 lbs.	3,000 lbs.	45	68" low profile	89"	129"L x 68"W x 77"H	5,200 lbs.	048-0400
John Deere	314 CAB	1,500 lbs.	3,000 lbs.	45	68" low profile	89"	129"L x 68"W x 77"H	5,200 lbs.	048-0410
Bobcat	S510	1,500 lbs.	3,100 lbs.	49	68" low profile	87"	130"L x 68"W x 76"H	5,935 lbs.	048-0400
Bobcat	S510 CAB	1,500 lbs.	3,100 lbs.	49	68" low profile	87"	130"L x 68"W x 76"H	5,935 lbs.	048-0410
John Deere	317G	1,750 lbs.	3,750 lbs.	57	68" low profile	89"	126"L x 68"W x 75"H	6,300 lbs.	048-0400
John Deere	317G CAB	1,750 lbs.	3,750 lbs.	57	68" low profile	89"	126"L x 68"W x 75"H	6,300 lbs.	048-0410
Bobcat	S530	1,750 lbs.	4,100 lbs.	49	68" low profile	91"	130"L x 68"W x 76"H	6,220 lbs.	048-0400
John Deere	318D	1,800 lbs.	3,600 lbs.	58	66" low profile	94"	132"L x 66"W x 78"H	6,450 lbs.	048-0400
Bobcat	S530 CAB	1,750 lbs.	4,100 lbs.	49	68" low profile	91"	130"L x 68"W x 76"H	6,220 lbs.	048-0410
Bobcat	S650	2,690 lbs.	5,700 lbs.	75	74" low profile	99"	143"L x 74"W x 81"H	7,825 lbs.	048-0700
John Deere	326D	2,600 lbs.	5,200 lbs.	70	76" low profile	100"	142"L x 76"W x 83"H	8,125 lbs.	048-0700
Bobcat	S650	2,690 lbs.	5,380 lbs.	74	74" low profile	96"	137"L x 74"W x 81"H	8,327 lbs.	048-0700
Bobcat	S250 CAB ²	2,500 lbs.	5,700 lbs.	75	74" low profile	99"	143"L x 74"W x 81"H	7,825 lbs.	048-0710
John Deere	325E	2,500 lbs.	5,000 lbs.	76	78" low profile	100"	139"L x 78"W x 81"H	8,390 lbs.	048-0700
Bobcat	S250HF ^{2,3}	2,500 lbs.	5,700 lbs.	75	74" low profile	99"	143"L x 74"W x 81"H	7,825 lbs.	048-0720
John Deere	326DHF ³	2,600 lbs.	5,200 lbs.	70	76" low profile	100"	142"L x 76"W x 83"H	8,125 lbs.	048-0720
Bobcat	S650HF ³	2,690 lbs.	4,800 lbs.	74	74" low profile	96"	137"L x 74"W x 81"H	8,327 lbs.	048-0720
Bobcat	S250HF CAB ^{2,3}	2,500 lbs.	5,700 lbs.	75	74" low profile	99"	143"L x 74"W x 81"H	7,825 lbs.	048-0730

¹Rubber track sets are available for these models. ²High-flow models with 3,000 PSI auxiliary hydraulic flow. ³High-flow models with 3,000 PSI auxiliary hydraulic flow

SKID-STEER LOADERS

SKID-STEER TRACK LOADERS

SKID-STEER TRACK LOADERS combine the maneuverability of a skid-steer with the traction and flotation of a track loader for improved performance on soft, muddy and loose ground. They feature rubber tracks that allow operation on improved surfaces without damage. They also accommodate a selection of attachments for special applications.



Bobcat T590 2,100 lb. Capacity



John Deere 319D 1,900 lb. Capacity



Bobcat T650 2,570 lb. Capacity



Bobcat T750 3,325 lb. Capacity

SKID-STEER LOADERS



Make	Model	Rated Capacity	Tip Capacity	HP	Standard Bucket	Max Dump Height	Overall Dimensions	Weight	Cat-Class
Bobcat	T190	1,900 lbs.	6,900 lbs.	66	68"	91"	130"L x 68"W x 76"H	7,612 lbs.	048-0510
John Deere	319D	1,900 lbs.	5,600 lbs.	63	72"	95"	132"L x 72"W x 79"H	8,550 lbs.	048-0510
Bobcat	T190 CAB	1,900 lbs.	6,900 lbs.	66	68"	91"	130"L x 68"W x 76"H	7,612 lbs.	048-0530
John Deere	323D	2,295 lbs.	6,550 lbs.	69	72"	95"	132"L x 72"W x 79"H	8,550 lbs.	048-0630
Bobcat	T250	2,500 lbs.	7,400 lbs.	81	80"	95"	143"L x 80"W x 81"H	9,347 lbs.	048-0630
Bobcat	T650	2,570 lbs.	7,343 lbs.	74	74"	96"	137"L x 74"W x 81"H	9,440 lbs.	048-0630
John Deere	329D	2,900 lbs.	8,300 lbs.	80	78"	102"	142"L x 78"W x 85"H	10,830 lbs.	048-0640
Bobcat	T300	3,000 lbs.	9,200 lbs.	81	80"	99"	143"L x 80"W x 81"H	9,702 lbs.	048-0640
Bobcat	T590	2,000 lbs.	2,000 lbs.	66	68"	91"	130"L x 68"W x 76"H	7,612 lbs.	048-0530
Bobcat	T750	3,325 lbs.	9,500 lbs.	85	80"	104"	142"L x 80"W x 81"H	10,327 lbs.	048-0640

COMPACT LOADER ATTACHMENTS

As quick as a snap, you can replace a bucket with pallet forks, a landscape rake, a backhoe, an auger, a grapple and more, thanks to the exclusive Bob-Tach™ mounting system.



Bobcat®



SKID-STEER ATTACHMENTS

SKID-STEER ATTACHMENTS



Pallet Forks



Hydraulic Breakers (see pg 160)



4-in-1 Bucket



Angle Broom



Dozer Blade



Harley Power Rake



Landscape Rake



Planer



Post Hole Auger



Root Rake



Snow Blade



Tiller



Tree Grapple



Trencher

SKID-STEER ATTACHMENTS

Description	Capacity/Size	Approx Weight	Cat-Class
4-in-1 Bucket	68"/74"/84" widths	981 lbs.	049-0005
Angle Broom	68"/84" widths	860 lbs.	049-0003
Box Sweeper	60" width	758 lbs.	049-0025
Dozer Blade	80" width	950 lbs.	049-0040
Grader Blade	84" width	1,375 lbs.	049-0007
Grapple Bucket	36"-78" widths	872 lbs.	049-0010
Harley Power Rake	72" working width	1,084 lbs.	049-0011
Hydraulic Breaker	500 lb. class	736 lbs.	005-0110

Description	Capacity/Size	Approx Weight	Cat-Class
Landscape Rake	66"/78" widths	1,109 lbs.	049-0013
Pallet Forks	42"/48" tines	389 lbs.	049-0002
Planer	16"/24" widths	1,595 lbs.	049-0008
Post Hole Auger	6"-36" diameter	231 lbs.	049-0006
Rotary Tiller	62" width	677 lbs.	049-0020
Rubber Track Set	52"-60" lengths	2,400 lbs.	150-1470
Tree Boom	72" length	250 lbs.	049-0060
Trencher	48" digging depth	955 lbs.	049-0004

STORAGE CONTAINERS

MOBILE JOB SITE STORAGE BOXES, LARGE STORAGE CONTAINERS

JOB SITE STORAGE BOXES provide security and mobility for valuable tools and supplies both on-site and in the shop. They feature rugged steel construction, built-in skids, and large fold-down recessed handles. Field station serves as the job site office to securely store tools, supplies, documents and more.



Greenlee 3048 Chest Storage Box



Greenlee 3660 Slant Top Storage Box



Greenlee 4860 Flat Top Storage Box



Knaack 119 Field Station/Print Shack

Make	Model	Style	Capacity	Dimensions	Weight	Cat-Class
Greenlee	3048	Chest	25 cu. ft.	48"L x 30"W x 30"H	183 lbs.	075-0005
Greenlee	3660	Slant Top	44 cu. ft.	60"L x 30"W x 48"H	282 lbs.	075-0005
Greenlee	4860	Flat Top	50 cu. ft.	60"L x 30"W x 48"H	305 lbs.	075-0005
Knaack	119	Field Station	120.7 cu. ft.	60"L x 44"W x 82.25"H	678 lbs.	075-0007

LARGE STORAGE CONTAINERS are ideal for storing supplies, tools and equipment on job sites. Two sizes are available, each providing security and weather protection for the items stored.



- Rugged steel construction provides weather protection
- Full width lockable doors provide job site security

Length	Width	Height	Approx. Weight	Cat-Class
20'	8'	8' 6"	4,800 lbs.	075-0001
40'	8'	8' 6"	8,200 lbs.	075-0002

STREET SWEEPERS/BROOMS

STREET SWEEPERS

STREET SWEEPERS are designed for sweeping dust, dirt and debris from paved surfaces. Applications include parking lots, airports, amusement parks, industrial facilities, maintenance contractors, construction sites and snow removal. 6' and 8' broom width sweepers are available and include a ROPS canopy and a built-in towing package.

- All models are diesel-powered, with hydrostatic drive and hydraulic steering
- Broom heads can be angled up to 40° in either direction
- Variable broom speed with adjustable down pressure
- High capacity water spray systems for dust control
- Lay-Mor models feature an exclusive down pressure control, designed to maintain optimum broom-to-ground contact



Lay-Mor 8HC 8' Street Sweeper



Make	Model	Broom Head	Engine	Min Sweep Width	Max Sweep Width	Water Tanks	Overall Dimensions	Weight	Cat-Class
Lay-Mor ¹	6HC	6'	Kubota 37 HP diesel	52"	72"	2 x 35 gal.	143"L x 81"W x 93"H	3,000 lbs.	040-1010
Lay-Mor ¹	8HC	8'	Kubota 37 HP diesel	76"	96"	2 x 35 gal.	143"L x 94"W x 93"H	3,100 lbs.	040-1020

¹Lay-Mor is a brand name of Mobile Products, Inc. (also known as Walden/Lay-Mor)

OUTDOOR SWEEPERS provide dust-free sweeping and aggressive floor scrubbing in one pass for industrial cleaning applications such as warehouses, parking garages and stadiums.



Tennant ATLV-4300 54" Ride-on Sweeper-Scrubber



Tennant 800LPG 66" Ride-on Sweeper-Scrubber

Outdoor Sweepers also available for rent (see page 124)

STUMP GRINDERS

STUMP GRINDERS, LANDSCAPE LOADERS

STUMP GRINDERS are ideal for grinding away tree stumps, providing fast, easy operation. Walk-behind and self-propelled models are available. Custom trailers are also available for easy transport.

- 13 HP models feature walk-behind operation and compact designs for easy handling and transport
- 25 HP models feature self-propelled operation and narrow widths that allow passage through lawn and garden gates



Vermeer SC130 13 HP Walk-behind



Vermeer SC252 25 HP Self-propelled



Make	Model	Cutter Wheel	Cutting Capacity Below Ground	Cutting Capacity Above Ground	Overall Dimensions	Engine	Weight	Cat-Class
Vermeer	SC130	9"	12"	22"	78"L x 30"W x 44"H	Honda 13 HP gas	260 lbs.	039-0070
Toro	SGR13	9.5"	11"	14"	76"L x 29.5"W x 42"H	Honda 13 HP gas	240 lbs.	039-0070
Vermeer	SC252	16"	13"	25"	115"L x 35"W x 47"H	Kohler 25 HP gas	1,040 lbs.	039-0075
Vermeer	SC30TX	16"	12"	25"	94"L x 35"W x 47"H	Kohler 25 HP gas	1550 lbs.	039-0078

LANDSCAPE LOADERS are rugged, versatile tractors that perform landscaping, loading and utility applications. All models are diesel-powered with 4-speed synchromesh transmissions and 4-wheel drive operation. A heavy-duty 3-point hitch is included, plus a front loader and a rear-mounted box scraper.



Case 570M



John Deere 210KEP



Make	Model	HP	Loader Bucket	Loader Dump Height	Loader Lift Capacity	Box Scraper Width	Overall Dimensions	Weight	Cat-Class
Case	570M	73	82"W x 7/8 cu. yd.	8' 8"	6,500 lbs.	85"	20'L x 85"W x 106"H	12,306 lbs.	050-0010
JCB	3C LL	92	88"W x 1-1/4 cu. yd.	8' 8"	4,408 lbs.	88"	22'L x 88"W x 111"H	13,253 lbs.	050-0010
John Deere	210LEP	70	86"W x 1-1/8 cu. yd.	8' 9"	5,432 lbs.	88"	17'L x 88"W x 100"H	13,816 lbs.	050-0010

TRACTORS & LANDSCAPE LOADERS

COMPACT UTILITY TRACTORS, TRACTOR ATTACHMENTS

COMPACT UTILITY TRACTORS are ideal for performing landscaping and utility applications. They feature 4-wheel drive for rugged performance and live hydraulics for powering a variety of attachments. Most units are equipped with a front loader attachment, with bucket widths ranging from 60" to 72". Standard 3-point hitch for rear attachments.



John Deere 3320 32 HP Compact Utility Tractor



Kubota 6060 64 HP Compact Utility Tractor



Pronovost P-516
8-ton Capacity
Off-road Dump Trailer
(Cat-Class 051-0185)

Make	Model	Power Source	Transmission	Overall Dimensions	Weight	Cat-Class
John Deere	3033	31 HP diesel	Hydrostatic	153"L x 61"W x 83"H*	3,750 lbs.*	050-0003
John Deere	3320	32 HP diesel	Hydrostatic	158"L x 61"W x 92"H*	3,750 lbs.*	050-0003
John Deere	4044	43 HP diesel	Hydrostatic	172"L x 73"W x 96"H*	4,625 lbs.*	050-0004
John Deere	5065E	67 HP diesel	12F/12R PowrReverser™	137.8"L x 80.7"W x 96.8"H	5,070 lbs.	050-0006
Kubota	M6060	64 HP diesel	Hydraulic-shuttle	138"L x 73"W x 97"H	5,005 lbs.	050-0006
Kubota	M7040SUHD	71 HP diesel	Hydraulic-shuttle	136"L x 73"W x 100"H	5,470 lbs.	050-0006
John Deere	5065E	67 HP diesel	12F/12R PowrReverser™	137.8"L x 80.7"W x 96.8"H	5,070 lbs.	050-0006

*Dimensions and weights shown reflect tractor with front loader attachment.

TRACTOR ATTACHMENTS



Aerator



Backhoe



Box Scraper



Fertilizer Spreader



Harley Power Rake



Landscape Rake



Post Hole Auger



Rotary Cutter



Rotary Tiller



Soil Pulverizer

Attachment	Capacity/Size	Weight	Cat-Class
Aerator	48" working width	316 lbs.	051-0012
Backhoe	92" digging depth	1,220 lbs.	051-0008
Box Scraper	65" working width	537 lbs.	051-0001
Fertilizer Spreader	125 lb. capacity	40 lbs.	051-0007
Harley Power Rake	72" working width	930 lbs.	051-0014

Attachment	Capacity/Size	Weight	Cat-Class
Landscape Rake	72" working width	343 lbs.	051-0002
Post Hole Auger	6"-24" diameter	267 lbs.	051-0006
Rotary Cutter	60" cutting width	823 lbs.	051-0003
Rotary Tiller	60" working width	627 lbs.	051-0004
Soil Pulverizer	60" working width	652 lbs.	051-0010

TRAFFIC SAFETY EQUIPMENT

SOLAR ARROW AND MESSAGE BOARDS, TRAFFIC CONTROL SIGNS

SOLAR ARROW AND MESSAGE BOARDS provide efficient communication to motorists regarding traffic patterns, work zones and other vital information. They feature bright LED displays for excellent visibility. A solar-powered charging system charges the battery bank during daylight hours.

- Arrow boards feature multiple arrow functions and both automatic and manual dimming functions. Display board and solar panel tilt and lock in the horizontal position for travel
- Message boards are offered in both 3-line and full matrix configurations. A self-contained computer is utilized to program alpha-numeric messages. Display board is rotated and locked in position for travel. A manual or hydraulic winch is included to telescope the tower, which also rotates 360°
- All models are highway towable and include lockable battery and controller boxes. They also feature removable tow bars for added theft protection



Arrow Boards



3-line Message Boards



Full Matrix Message Boards

Make	Model	Type	Board Width	Operating Ht	Transport Dimensions	Weight	Cat-Class
Wanco	WTSP55-LSA	15-Light Arrow (7 arrow functions)	96"	135"	115"L x 96"W x 95"H	1,200 lbs.	013-0005
Wanco	WTSP55-LSAC	25-Light Arrow (12 arrow functions)	96"	135"	115"L x 96"W x 95"H	1,200 lbs.	013-0005
Wanco	WTLMB-S-LL	3-Line Message (8 characters/line)	138"	158"	190"L x 95"W x 105"H	2,640 lbs.	013-0010
Wanco	WTMMB-S-LL	Full Matrix Message (1-4 lines variable)	138"	160"	190"L x 95"W x 107"H	2,640 lbs.	013-0010

TRAFFIC CONTROL SIGNS are also offered for rent and sale from Sunbelt Rentals. In addition, our Traffic Safety specialists are available to develop MOT (maintenance of traffic) plans for specific projects.

- Barricades: Type II & III (Cat-Class 700-0015/0020/0205/0210)
- Strobe and steady burn warning lights (Cat-Class 700-0030/0035)
- Traffic cones: 28" and 36" height (Cat-Class 700-0040/0045)
- Barrels: high intensity with rubber base (Cat-Class 700-0060)
- Traffic control signs: 36" x 36" and 48" x 48" reflective roll-up; hand-held stop/slow paddles (reflective and non-reflective)



Traffic Control Signs

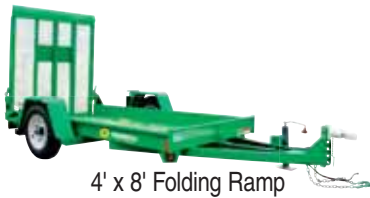


Barricades and Warning Lights

TRAILERS

FOLDING RAMP AND TILT DECK, BOX UTILITY TRAILERS

FOLDING RAMP AND TILT DECK TRAILERS are offered in both single-axle and tandem-axle models, up to 9,900 lbs. GVWR. Most models include hydraulic surge brakes. All models include a combination ball/pintle eye hitch and a heavy-duty jack stand.



4' x 8' Folding Ramp



6' x 14' Tilt Deck



6' x 14' Folding Ramp



6' x 10' Folding Ramp



6' x 16' Folding Ramp



6' x 18' Tilt Deck

Type	Deck	GVWR	Payload	Applications	Cat-Class
1-axle Folding Ramp	4' x 8'	2,000 lbs.	1,400 lbs.	Ride-on scrubbers	024-0070
1-axle Folding Ramp	6' x 10'	2,900 lbs.	2,100 lbs.	Small equipment	024-0020
1-axle Tilt Deck	6' x 12'	6,000 lbs.	3,900 lbs.	Small mobile equipment	024-0040
1-axle Tilt Deck HD	6' x 12'	7,000 lbs.	4,350 lbs.	Small mobile equipment	024-0040
2-axle Folding Ramp	6' x 14'	9,900 lbs.	7,380 lbs.	Skid-Steers, mobile equipment	024-0050
2-axle Tilt Deck	6' x 14'	9,900 lbs.	7,380 lbs.	Skid-Steers, mobile equipment	024-0050
2-axle Folding Ramp	6' x 16'	9,900 lbs.	6,900 lbs.	Skid-Steers, mobile equipment	024-0060
2-axle Tilt Deck	6' x 16'	9,900 lbs.	6,900 lbs.	Skid-Steers, mobile equipment	024-0060
2-axle Folding Ramp	6' x 18'	9,900 lbs.	6,720 lbs.	Skid-Steers, mobile equipment	024-0060
2-axle Tilt Deck	6' x 18'	9,900 lbs.	6,840 lbs.	Skid-Steers, mobile equipment	024-0060

BOX UTILITY TRAILERS are ideal for transporting multiple small machines and tools such as lawn and landscape equipment. They are also great for hauling mulch and brush. Trailers feature side rails, 2" ball couplers and tailgates that work as a loading ramp.



5' x 8' Box Utility



6' x 10' Box Utility



5' x 12' Box Utility

Type	Deck	GVWR	Payload	Cat-Class
1-axle Utility	4' x 8'	3,000 lbs.	2,160 lbs.	024-0070
1-axle Utility	5' x 8'	3,000 lbs.	2,000 lbs.	024-0070
1-axle Utility	5' x 10'	3,000 lbs.	1,800 lbs.	024-0080
1-axle Utility	6' x 10'	3,000 lbs.	1,500 lbs.	024-0080
2-axle Utility	5' x 12'	7,000 lbs.	5,300 lbs.	024-0090

Note: The trailer capacities listed on this page are approximate—check the spec plate on each trailer for actual specifications.

TRAILERS

PLATFORM LIFT, HYDRAULIC DUMP, WATER TRAILERS

PLATFORM LIFT TRAILERS feature ground level loading utilizing a unique platform lowering/lifting system. Both models feature a 12V hydraulic lift system and include hydraulic surge brakes, steel decks, side rails, battery charger and a 2-5/16" ball coupler.



JLG 4610

4,500 lb. Platform Lift

Make	Model	Type	Capacity	Deck	Applications	Empty Wt	Cat-Class
JLG	4610	Single-axle	4,500 lbs.	6' x 10'	Electric Scissor Lifts	2,070 lbs.	024-0140
JLG	7612	Tandem-axle	7,000 lbs.	6' x 12'	Scissor Lifts, Sweepers	2,690 lbs.	024-0150

HYDRAULIC DUMP TRAILERS are ideal for hauling lawn and landscape materials behind an SUV or light-duty truck. They feature easy dumping of bulk materials using a single hydraulic cylinder, powered by an onboard 12V battery-powered hydraulic pump. Single-axle and tandem-axle models are available, each equipped with a 2" or 2-5/16" ball coupler.

- Two-way tailgates lower to let you spread the material while dumping
- All models include hydraulic surge brakes



Best DB5X10HS

5' x 10' Hydraulic Dump



Felling FT-10DTHD

6' x 10' Hydraulic Dump

Make	Model	Type	Capacity/Payload	Bed	GVWR	Cat-Class
Felling	FT-6DTE	Single-axle	2.0 cu. yd./3,600 lbs.	5' x 8'	6,000 lbs.	024-0170
Best	DB5X10HS	Tandem-axle	4.0 cu. yd./7,400 lbs.	5' x 10'	9,900 lbs.	024-0180
Felling	FT-10DTHD	Tandem-axle	4.0 cu. yd./6,880 lbs.	6' x 10'	9,900 lbs.	024-0180

WATER TRAILERS provide a convenient means to deliver water to construction sites. An onboard gas-powered pump discharges water and can also be used to fill the tank by drawing water from a creek or pond.

- Onboard 2" gas-powered pump for filling tank and discharging water
- Hose kit including 2" x 20' suction hose with strainer, hydrant adapter, 2" x 25' (or 1-1/2" x 25') discharge hose with fire nozzle and 3/4" x 25' discharge hose with sprayer



Wylie Mfg. EXP-500-SG 500 gal. Water Trailer

Make	Model	Capacity	GVWR	Empty Wt	Cat-Class
Wylie Mfg.	EXP-500-SG	500 gal.	7,000 lbs.	1,800 lbs.	024-0190
Magnum	MWT500	500 gal.	7,000 lbs.	1,800 lbs.	024-0190

Note: The trailer capacities listed on this page are approximate—check the spec plate on each trailer for actual specifications.

TRENCH SHORING EQUIPMENT

TRENCH SHORING ESSENTIALS

Competent Person is defined as capable of identifying existing and potential hazards in the surroundings or working conditions that are unsanitary, hazardous or dangerous to workers and who is authorized to take prompt corrective measures to eliminate them.

Responsibilities of the Competent Person:

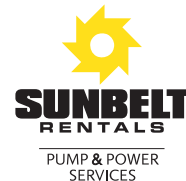
- Understand the Excavation Standard for excavations
- Conduct soil classifications, recognize changing conditions and reclassify
- Determine the proper protective system according to soil classification
- Conduct air tests for hazardous atmospheres
- Provide safe access and egress from the trench or excavation
- Locate any existing utilities prior to beginning excavation
- Monitor any water removal equipment
- Performing daily inspections and maintain records
- Provide protection from vehicular traffic
- Provide protection from overhead falling objects

Rules for a Safer Trench:

1. OSHA Sub-Part P standards are the minimum standards.
2. Trenches deeper than 4' require a ladder that extends 36" above ground level.
3. No worker can be more than 25' from a safe means of access.
4. Manufacturer's Tabulated Data supersedes any tables or charts within the standard.
5. Watch for signs of soil failure such as cracks, local raveling or small pieces of material falling from the sides of the trench.
6. Keep excavated material at least 2' from the edge of trench.
7. Shoring or shielding not only provides worker protection, but also decreases the amount of material excavated, reducing labor and fuel costs.
8. Trained workers, using manufactured shoring systems correctly, reduces the possibility of injury or death.



For more information about trench shoring solutions, contact a Sunbelt Rentals Pump & Power location at 800-736-2504.



**Know what's below.
Call before you dig.**

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TRENCH SHORING EQUIPMENT

TRENCH SHORING BASICS

GLOSSARY

Aluminum Hydraulic Shoring—a pre-engineered shoring system comprised of aluminum hydraulic cylinders (cross braces) used in conjunction with vertical rails (uprights) or horizontal rails (walers). This system is designed to support the sidewalls of an excavation and prevent cave-ins.

Benching—a method of protecting workers from cave-ins by excavating the sides of an excavation to form one or a series of horizontal levels.

Cave-in—the separation of a mass of soil or rock from the side of an excavation, or the loss of soil from under a trench shield or support system and its sudden movement into an excavation.

Competent Person—one who is capable of identifying existing and potential hazards in the surroundings or working conditions that are unsanitary, hazardous, or dangerous to workers and who has the authorization to take prompt corrective measures to eliminate them.

Excavation—any man-made cut, cavity, trench or depression in the earth's surface.

Failure—the breakage, displacement or permanent deformation of a structural member or connection point, as to reduce its structural integrity and supportive capabilities.

Kick-out—the accidental release or failure of a cross brace.

Protective System—a method of protecting workers from cave-ins, from material that could fall or roll from an excavation face or into an excavation, or from the collapse of adjacent structures. Protective systems include support systems, shield systems, benching systems and other systems that provide the necessary protection.

Ramp (or Ramping)—an inclined walking or working surface that is used to gain access to one point from another.

Shield (or Shield System, generally referred to as a Trench Box)—a structure that is able to withstand the forces imposed on it by a

cave-in and thereby protects workers within the structure. Shields can be permanent structures or can be designed to be portable and moved along as work progresses. Additionally, shields can be either pre-manufactured or job-built in accordance with Federal Requirements 1926.652 (Federal Requirements for Protective System under 29 CFR Part 1925).

Shoring (or Shoring System)—a structure such as a hydraulic or timber shoring system that supports the sides of an excavation and is designed to prevent cave-ins.

Sloping (or Sloping System)—a method of protecting workers from cave-ins by excavating to form sides of an excavation that are inclined away from the excavation. The angle of incline required to prevent a cave-in varies with differences in such factors as the soil type, environmental conditions of exposure and application of surcharge loads.

Support System—a structure such as underpinning, bracing or shoring that provides support to an adjacent structure or the sides of an excavation.

Tabulated Data—tables and charts approved by a registered professional engineer, which are used to design and construct a protective system.

Trench—a narrow excavation (in relation to its length) made below the surface of the ground. In general, the depth is greater than the width, but the width of a trench (measured at the bottom) is not greater than 15 feet.

Uprights—the vertical members of a trench shoring system placed in contact with the earth and usually positioned so that individual members do not contact each other.

APPLICATIONS

Aluminum Shoring Products

Aluminum shoring products provide lightweight solutions that are compatible with the limited lifting capacities of today's smaller excavators. Hydraulic trench shields with end panels, hydraulic vertical shores with extensions and fin form, Lite-Shields and 4" wall aluminum trench boxes are available.

Steel Shoring Products

Steel trench shields (trench boxes) provide contractors maximum flexibility and protection while performing both deep and shallow cuts.

Manhole Shields and Bedding/Rock Boxes

Designed to provide a safer workplace and to boost efficiency. Manhole shields assemble in minutes in the field, are stackable and are available in multiple sizes for various applications. Bedding/rock boxes reduce the spillage of materials on the job site, reducing material costs.

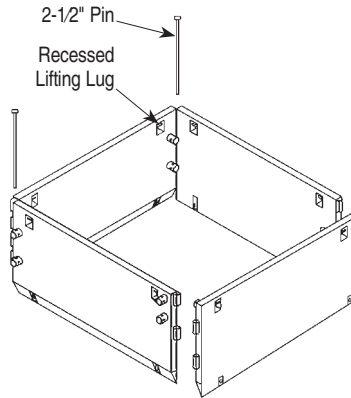
RULES OF THUMB

1. Each job site where an excavation or trench greater than 5 feet will occur is required to have a Competent Person on-site.
2. Excavations 5 feet or fewer with a potential for a cave-in require a shoring or shielding system.
3. A ladder, ramp or other safe means of egress shall be located in trench excavations that are 4 feet or more in depth so as to require no more than 25 feet of lateral travel for workers.
4. No one should work in excavations with accumulated water or where water is accumulating unless adequate precautions are taken, such as a wellpoint system and shoring system.
5. Dirt spoil piles or other materials shall be located a minimum of 2 feet from the edge of an excavation.
6. No one shall be allowed in shields when they are being installed, removed or moved vertically.
7. A shield may be up to 2 feet above the bottom of the trench, but only if the shield is rated for the full depth of the trench and there is no loss of soil from behind or below the bottom of the shield.
8. Soil that remains in clumps when excavated is cohesive. Soil that breaks easily and does not stay in clumps is granular.
9. One cubic foot of saturated soil weighs approximately 114 pounds.
10. One cubic yard of saturated soil weighs approximately 3,078 pounds or 1-1/2 tons.

TRENCH SHORING EQUIPMENT

TRENCH BOXES—STEEL

STEEL TRENCH BOXES provide heavy-duty trench protection. 4" and 6" doublewall boxes are available. In addition, we offer several "job-matched" options for custom installations including spreader sets, height adapters, end panels and stacking tubes.



4-Sided Pit Kit

For square or rectangular pit shields. Ideal for well drilling/shafts, tank, vault or junction box installations



4" Doublewall Steel Trench Boxes

4M Series Shield Sidewalls: sets of two Doublewall										
Model	Size		Pipe Clearance	Weight	Shield Cap (PSF)	Max Depth Per Soil Type*				Cat-Class
	H	L				A	B	C-60	C-80	
4M412NKE¹	4'	12'	16"	3,265 lbs.	2,522	99'	58'	44'	34'	014-0215
4M416NKE¹	4'	16'	16"	3,964 lbs.	1,334	55'	32'	24'	19'	014-0220
4M420NKE¹	4'	20'	16"	4,718 lbs.	823	35'	20'	16'	12'	014-0228
4M812	8'	12'	64"	5,449 lbs.	1,702	72'	42'	32'	25'	014-0140
4M816	8'	16'	64"	6,870 lbs.	1,277	55'	32'	25'	20'	014-0150
4M1016	10'	16'	76"	8,419 lbs.	933	42'	26'	21'	17'	014-0190
4M1020	10'	20'	76"	10,221 lbs.	746	35'	22'	17'	14'	014-0195

¹NKE models are stacking trench boxes without knife edges.

6" Doublewall Steel Trench Boxes

6M Series Shield Sidewalls: sets of two Doublewall										
Model	Size		Pipe Clearance	Weight	Shield Cap (PSF)	Max Depth Per Soil Type*				Cat-Class
	H	L				A	B	C-60	C-80	
6M416NKE¹	4'	16'	16"	4,575 lbs.	2,164	89'	50'	38'	29'	014-0225
6M420NKE¹	4'	20'	16"	5,468 lbs.	1,336	55'	32'	24'	19'	014-0230
6M424NKE¹	4'	24'	16"	6,362 lbs.	906	38'	22'	17'	13'	014-0240
6M816	8'	16'	64"	7,695 lbs.	2,064	87'	50'	38'	30'	014-0160
6M816NKE¹	8'	16'	64"	7,695 lbs.	2,064	87'	50'	38'	30'	014-0270
6M820	8'	20'	64"	9,339 lbs.	1,328	57'	34'	26'	21'	014-0170
6M820NKE¹	8'	20'	64"	9,339 lbs.	1,328	57'	34'	26'	21'	014-0280
6M824	8'	24'	64"	10,982 lbs.	900	40'	24'	19'	15'	014-0180
6M824NKE¹	8'	24'	64"	10,982 lbs.	900	40'	24'	19'	15'	014-0290
6M1016	10'	16'	76"	9,448 lbs.	1,464	64'	38'	29'	23'	014-0192
6M1020	10'	20'	76"	11,443 lbs.	1,171	52'	31'	25'	20'	014-0197
6M1024NKE¹	10'	24'	76"	13,456 lbs.	898	41'	25'	20'	16'	014-0202

¹NKE models are stacking trench boxes without knife edges.

*Depths are based on A,B,C-60 and C-80 soil types as described in OSHA's 29 CFR Part 1926 Subpart P, October 31, 1989 and publications of the Trench Shoring & Shielding Association (TSSA), with Type A not exceeding 25 PSF per foot of depth, Type B not exceeding 45 PSF per foot of depth, Type C-60 not exceeding 60 PSF per foot of depth, Type C-80 not exceeding 80 PSF per foot of depth. Determine actual soil pressures and consult Manufacturer's Tabulated Data prior to each use.

Spreader Sets

*8DS Spreader Sets: For use on 4M & 6M Shields; 8" Schedule 80 Pipe									
Model	8DS24	8DS36	8DS48	8DS60	8DS72	8DS84	8DS96	8DS108	8DS144
Inside Width	24"	36"	48"	60"	72"	84"	96"	108"	144"
Weight	441 lbs.	621 lbs.	802 lbs.	982 lbs.	1,163 lbs.	1,343 lbs.	1,524 lbs.	1,704 lbs.	2,246 lbs.
Cat-Class	155-1625	155-1630	155-1635	155-1640	155-1645	155-1650	155-1655	155-1660	155-1665

*8DS Spreaders include a 2" diameter pin.



4" Doublewall Steel Trench Box



6" Doublewall Steel Trench Box

TRENCH SHORING EQUIPMENT

TRENCH BOXES—STEEL, STEEL ROAD PLATES



Left: This application required the 76" pipe clearance of a 10' tall trench box. A 10' x 20' 6" wall steel trench box, with an 8' x 20' 6" wall box stacked on top, provided the necessary 18' of protection while reducing weight for easier movement.

Right: This installation was designed combining pit box configurations with height adaptors. Eight 8' x 12' steel trench boxes and four 120" vertical clearance height adaptors were utilized. This provided four-side protection while straddling the existing 96" pipe.



STEEL ROAD PLATES provide a secure covering over open areas, allowing pedestrians and vehicles to pass over safely. Applications include trench covering and temporary road surfacing. Available road plates range from 4' x 8' to 8' x 20'. Most plates are 1" thick and include lifting eyes for easy lifting and placement.

Steel Road Plates		
Plate Size*	Weight	Cat-Class
4' x 8'	1,307 lbs.	155-1570
6' x 12'	2,948 lbs.	155-1600
8' x 12'	3,921 lbs.	155-1610
8' x 16'	5,228 lbs.	155-1615
8' x 20'	6,534 lbs.	155-1620

*Additional sizes are also available to meet specific customer requirements.



Pump & Power locations are equipped with boom trucks that can deliver road plates and other trench shoring equipment



Swivel lifting rings are available to facilitate easy lifting, loading and placing of steel road plates. Rings swivel 360° and pivot 180° (Cat-Class 155-1623)



For more information about trench shoring solutions, contact a Sunbelt Rentals Pump & Power location at 800-736-2504.



TRENCH SHORING EQUIPMENT

TRENCH BOXES—ALUMINUM

ALUMINUM TRENCH BOXES feature an outstanding weight-to-strength ratio, which makes them easy to transport and set up on the job site. They can be lifted easily using backhoe loaders and mini excavators. Some systems can even be installed by hand. Both 2" wall and 4" wall aluminum trench boxes are available, each equipped with a tough T-6 knife edge and a rugged top cap. Optional accessories include pull bars and custom spreader sets.



A custom engineered shoring installation on a natural gas transmission line project. Two 8' x 16' 4" wall aluminum trench boxes with 20' steel spreaders were utilized

2" Wall Aluminum Trench Boxes

2AEX—2" Aluminum Extruded Wall										
Model	Size			Weight	Pipe Clearance	Max Depth Per Soil Type				Cat-Class
	H	L	W			A	B	C-60	C-80	
2AEX-86	8'	6'	2'	943 lbs.	36"	45'	26'	20'	14'	014-0310
2AEX-88	8'	8'	2'	1,177 lbs.	36"	34'	20'	15'	11'	014-0320
2AEX-810	8'	10'	2'	1,412 lbs.	36"	23'	14'	11'	8'	014-0330
2AEX-812	8'	12'	2'	1,647 lbs.	36"	15'	9'	8'	5'	014-0340

2AEX Spreaders: Pinned in place adjustable, box steel tube, 3.5" x 3.5"					
Model	2AEX-2640	2AEX-3250	2AEX-3859	2AEX-4468	2AEX-5692
Range	26"–40"	32"–50"	38"–59"	44"–68"	56"–92"
Weight	28 lbs.	34 lbs.	41 lbs.	47 lbs.	62 lbs.
Cat-Class	155-3000	155-3010	155-3020	155-3030	155-3040

Note: Four spreaders are required per box. Pull Bars are available to assist with installation. (Cat-Class 155-3140)

4" Wall Aluminum Trench Boxes

4AEX—2" Aluminum Extruded Wall										
Model	Size			Weight	Pipe Clearance	Max Depth Per Soil Type				Cat-Class
	H	L	W			A	B	C-60	C-80	
4AEX-812	8'	12'	4'	2,631 lbs.	48"	45'	26'	20'	15'	014-0345
4AEX-816	8'	16'	4'	3,197 lbs.	48"	26'	15'	12'	9'	014-0350

4AEX Spreaders: Loose 5" Schedule 80 Pipe									
Model	5DS24	5DS36	5DS48	5DS60	5DS72	5DS84	5DS96	5DS108	5DS120
Inside Width	24"	36"	48"	60"	72"	84"	96"	108"	120"
Weight	186 lbs.	269 lbs.	352 lbs.	436 lbs.	519 lbs.	602 lbs.	685 lbs.	768 lbs.	851 lbs.
Cat-Class	155-3050	155-3060	155-3070	155-3080	155-3090	155-3100	155-3110	155-3120	155-3130

Note: Four spreaders are required per box. Pull Bars are available to assist with installation. (Cat-Class 155-3140)



2" Wall Aluminum Trench Box



4" Wall Aluminum Trench Box

TRENCH SHORING EQUIPMENT

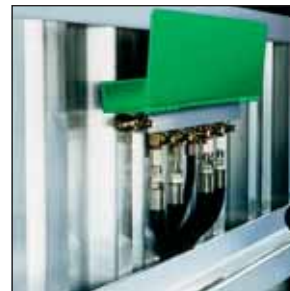
HYDRAULIC SHORING SHIELDS

HYDRAULIC SHORING SHIELDS consist of lightweight, aluminum sidewalls, coupled with heavy-duty, adjustable hydraulic spreaders. The spreader contains a hydraulic cylinder and return spring and is protected by steel box tubing. A uniquely designed manifold allows the user to precisely control the flow of fluid to each cylinder, while safely outside the trench.

- Lightweight sheeting sidewalls with sturdy lifting eyes
- Heavy-duty skid plates and sheeting caps
- Heavy-duty, steel box tubing protects cylinder and features end-loading capability for 3- and 4-sided use
- Multiple pinning locations permit a wide range of settings in static mode
- Fold-down steel cover protects manifold when shield is in use, yet permits quick access to hydraulic hook-ups
- Cut-outs are available for working around crossing utility lines and to simplify lateral connections
- Certified by a registered professional engineer to meet OSHA standards



Hydraulic shoring shields with end panel assemblies



Manifold Sidewall Panel



Cut-Out Side Panel

Note: Hydraulic shoring shields are assembled from individual components, matched to each specific application. Select two aluminum sidewall panels and four hydraulic spreaders to form the basic shield. To form an end panel, select the appropriate length end panel tube and two or more aluminum end panel sheets.



Aluminum Sidewall Panels																
Model	Type	Size		Weight	Clearance*		Max Depth** Per Soil Type								Cat-Class	
							A		B		C-60		C-80			
		H	L		A	B	Hyd	Stat	Hyd	Stat	Hyd	Stat	Hyd	Stat		
HS-5x5 A	Manifold	5'	5'	239 lbs.	22"	45"	22'	45'	25'	25'	25'	25'	21'	16'	16'	155-1800
HS-5x5 B	Cut-Out	5'	5'	233 lbs.	22"	45"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1802
HS-6x6 A	Manifold	6'	6'	308 lbs.	22"	57"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1804
HS-6x6 B	Cut-Out	6'	6'	304 lbs.	22"	57"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1806
HS-6x8 A	Manifold	6'	8'	406 lbs.	22"	81"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1808
HS-6x8 B	Cut-Out	6'	8'	399 lbs.	22"	81"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1810
HS-6x10 A	Manifold	6'	10'	487 lbs.	22"	105"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1812
HS-6x10 B	Cut-Out	6'	10'	481 lbs.	22"	105"	25'	25'	25'	25'	25'	25'	21'	16'	16'	155-1814
HS-6x12 A	Manifold	6'	12'	575 lbs.	22"	129"	25'	25'	25'	21'	21'	16'	12'	12'	155-1816	
HS-6x12 B	Cut-Out	6'	12'	569 lbs.	22"	129"	25'	25'	25'	21'	21'	16'	12'	12'	155-1820	
HS-8x8 A	Manifold	8'	8'	460 lbs.	22"	105"	25'	25'	25'	25'	21'	19'	15'	15'	155-1822	
HS-8x8 B	Cut-Out	8'	8'	454 lbs.	22"	105"	25'	25'	25'	25'	21'	19'	15'	15'	155-1824	
HS-8x10 A	Manifold	8'	10'	561 lbs.	22"	105"	25'	25'	25'	25'	25'	21'	16'	16'	155-1826	
HS-8x10 B	Cut-Out	8'	10'	555 lbs.	22"	105"	25'	25'	25'	25'	25'	21'	16'	16'	155-1828	
HS-8x12 A	Manifold	8'	12'	668 lbs.	22"	129"	25'	25'	23'	16'	17'	12'	9'	9'	155-1830	
HS-8x12 B	Cut-Out	8'	12'	662 lbs.	22"	129"	25'	25'	23'	16'	17'	12'	9'	9'	155-1832	
HS-10x10 A	Manifold	10'	10'	720 lbs.	22"	105"	25'	25'	25'	25'	25'	21'	16'	16'	155-1840	
HS-10x10 B	Cut-Out	10'	10'	710 lbs.	22"	105"	25'	25'	25'	25'	25'	21'	16'	16'	155-1842	

*Clearance: A = Pipe Clearance, B = Open Work Area (See illustrations at the bottom of the page.)

**Depth: Hyd = Hydraulic Application, Stat = Static Application

Depths are based on A, B, C soil types as described in OSHA's 29 CFR Part 1926 Subpart P, October 31, 1989 with type A not exceeding 25 PSF per foot at depth, Type B not exceeding 45 PSF per foot of depth and Type C not exceeding 60 PSF per foot of depth. Determine actual soil pressures and consult Manufacturer's Tabulated Data prior to each use.

Adjustable Hydraulic Spreaders			
Model	Range	Weight	Cat-Class
HS-2640	26"-40"	62 lbs.	155-1435
HS-3250	32"-50"	76 lbs.	155-1436
HS-3859	38"-59"	95 lbs.	155-1437
HS-4468	44"-68"	115 lbs.	155-1438
HS-5692	56"-92"	137 lbs.	155-1439

Adjustable End Panel Tubes			
Model	Range	Weight	Cat-Class
HS-EPT3250	32"-50"	17 lbs.	155-1440
HS-EPT3859	38"-59"	21 lbs.	155-1441
HS-EPT4468	44"-68"	24 lbs.	155-1442
HS-EPT5692	56"-92"	29 lbs.	155-1443

Adjustable End Panel Sheets			
Model	Size	Weight	Cat-Class
ALS-6	6' x 12"	19 lbs.	155-1444
ALS-8	8' x 12"	25 lbs.	155-1445

TRENCH SHORING EQUIPMENT

HYDRAULIC VERTICAL SHORES

HYDRAULIC VERTICAL SHORES are designed to prevent cave-ins in all but the most unstable soil conditions by supporting the side walls of the trench through the use of hydraulic pressure. Shores can be used as spot bracing for repair situations, or they can be used for production trenching.

- Quick set-up and safe, simple operation
- Lightweight, high-strength aluminum alloy construction provides exceptional durability and portability
- Shores can be used with, or without sheeting according to soil conditions.
- Standard rail sets range from 1.5' to 7' length
- Standard hydraulic cylinders range from 17" to 88" widths (one-piece, slip-on cylinder extensions are available for adding up to 56" in width)
- Cylinders feature oversleeve protection and a security bleed-off port
- Interchangeable components and compact storage
- OSHA-approved 4' x 8' fin form is available when soil conditions require greater stability (Cat-Class 155-1555)
- Molded plastic pump buckets, which deliver 50% more volume per stroke than a comparable steel pump bucket, are available
- Certified by a registered professional engineer to meet OSHA standards
- Complete manufacturer's tabulated data and installation/removal procedures are provided



Aluminum Rail Fin Form Hydraulic Cylinders



Note: Hydraulic vertical shores are assembled from individual components, matched to each application. Select two aluminum rails sized to accommodate the trench depth. Then select two hydraulic cylinders (only one cylinder with 1.5' length rails) to accommodate the trench width. One-piece, slip-on cylinder extensions are available for wider trenches.



Vertical end shores are available for shoring the end of the trench.



Installation and removal are performed from the top of the trench.

Aluminum Rail Sets				
Model	Rail Length	Weight	Cylinders Required	Cat-Class
HVR-1.5	1.5'	10 lbs.	1	155-1535
HVR-3.5	3.5'	22 lbs.	2	155-1540
HVR-5	5'	32 lbs.	2	155-1545
HVR-7	7'	42 lbs.	2	155-1550

Hydraulic Cylinders			
Model	Range	Weight	Cat-Class
2-CYL-1727	17"-27"	11 lbs.	155-1455
2-CYL-2236	22"-36"	13 lbs.	155-1467
2-CYL-2846	28"-46"	16 lbs.	155-1479
2-CYL-3455	34"-55"	18 lbs.	155-1491
2-CYL-4064	40"-64"	21 lbs.	155-1503
2-CYL-5288	52"-88"	26 lbs.	155-1515

Cylinder Extensions				
Model	Ext. Length	Matching Cylinder	Weight	Cat-Class
2-EXT-1727-11	11"	2-CYL-1727	6 lbs.	155-1458
2-EXT-1727-22	22"	2-CYL-1727	8 lbs.	155-1461
2-EXT-1727-33	33"	2-CYL-1727	10 lbs.	155-1464
2-EXT-2236-11	11"	2-CYL-2236	6 lbs.	155-1470
2-EXT-2236-22	22"	2-CYL-2236	8 lbs.	155-1473
2-EXT-2236-33	33"	2-CYL-2236	11 lbs.	155-1476
2-EXT-2846-15	15"	2-CYL-2846	8 lbs.	155-1482
2-EXT-2846-30	30"	2-CYL-2846	11 lbs.	155-1485
2-EXT-2846-45	45"	2-CYL-2846	15 lbs.	155-1488
2-EXT-3455-18	18"	2-CYL-3455	9 lbs.	155-1494
2-EXT-3455-36	36"	2-CYL-3455	14 lbs.	155-1497
2-EXT-3455-54	54"	2-CYL-3455	18 lbs.	155-1500
2-EXT-4064-21	21"	2-CYL-4064	12 lbs.	155-1506
2-EXT-4064-42	42"	2-CYL-4064	17 lbs.	155-1509
2-EXT-4064-56	56"	2-CYL-4064	21 lbs.	155-1512
2-EXT-5288-24	24"	2-CYL-5288	14 lbs.	155-1518
2-EXT-5288-42	42"	2-CYL-5288	19 lbs.	155-1521
2-EXT-5288-56	56"	2-CYL-5288	21 lbs.	155-1524

Note: One extension is required per cylinder.



5-gallon molded plastic pump bucket (Cat-Class 155-1560)



Installation/Removal Tools

Upper tool shown is an install hook. (Cat-Class 155-1566)

Lower tool shown is a release tool. (Cat-Class 155-1565)

TRENCH SHORING EQUIPMENT

ALUMINUM LITE SHIELD SYSTEMS

ALUMINUM LITE SHIELD SYSTEMS provide panel lengths ranging from 2 to 10 feet. The lightweight 24-inch height panels can be transported easily. These versatile systems assemble in just minutes at the job site. Tongue-in-groove panels are easily aligned and mechanical screw-jack struts provide fast, variable adjustment. The screw jack struts feature a shallow square thread design and are coated with a special rust inhibitor that wipes clean with a rag for smoother performance. For maximum versatility, the system can be used as a 2-, 3- or 4-sided configuration.

- Strong yet lightweight 6061-T6 aluminum construction
- 2-inch wall thickness
- Foam filling available as an option
- Certified by a professional engineer to meet OSHA standards
- Unique keyed locking pin requires no keepers



2-sided aluminum lite shield working in a pipeline application



Aluminum lite shields are extremely versatile and adaptable to a wide range of applications



Lite Shield Panel Connector

If more depth is required, simply add panels, connectors and struts from the top of the trench. Then place the assembly in the deeper excavation.

16" Panel Connector, (Cat-Class 155-3420)
48" Panel Connector, (Cat-Class 155-3440)
Connection Pin, (Cat-Class 155-3500)



Aluminum Lite Shield Panels									
Model	Size			Weight	Max Depth Per Soil Type				Cat-Class
	L	W	H		A	B	C-60	C-80	
24SLP-2	2'	2'	2'	31 lbs.	24'	24'	22'	16'	155-3300
24SLP-3	3'	2'	2'	45 lbs.	24'	24'	22'	16'	155-3305
24SLP-4	4'	2'	2'	63 lbs.	24'	24'	22'	16'	155-3310
24SLP-5	5'	2'	2'	75 lbs.	24'	24'	22'	16'	155-3315
24SLP-6	6'	2'	2'	86 lbs.	24'	24'	22'	16'	155-3320
24SLP-8	8'	6'	2'	114 lbs.	24'	23'	17'	13'	155-3330
24SLP-10	10'	2'	2'	140 lbs.	24'	14'	10'	8'	155-3333



Lite Shield Strut

With keyed locking pins

Aluminum Lite Shield Struts				
Model	Weight	Adjustment Range (Inside Panel Dimension)		Cat-Class
		w/Connector	w/o Connector	
24LSS-1	12 lbs.	24"-32"	20"-28"	155-3340
24LSS-2	16 lbs.	32"-48"	28"-44"	155-3360
24LSS-2.5	21 lbs.	40"-64"	30"-60"	155-3380
24LSS-3	25 lbs.	51"-86"	47"-82"	155-3400



Lite Shield Corner Connector

Corner (manhole) connectors are used in the same way as the panel connectors, except they accept a panel instead of a strut. They are used instead of panel connectors to construct a 3- or 4-sided closed end box (Manhole, inlet, repair pit)
Corner Connector, (Cat-Class 155-3480)
Connection Pin, (Cat-Class 155-3500)

TRENCH SHORING EQUIPMENT

STEEL MANHOLE BOXES, STEEL BEDDING/ROCK BOXES

SQUARE MANHOLE BOXES provide the needed inside clearspan, while reducing the amount of excavation and restoration required. Standard models include two walls and two spreader assemblies. All are certified by a professional engineer to meet OSHA standards.



MH-series Doublewall Manhole Boxes (w/spreaders and attaching hardware)											
Model	Size			Pipe Clearance	Weight	Shield Cap (PSF)	Max depth Per Soil Type				Cat-Class
	H	W	L				A	B	C-60	C-80	
MH48DW ¹	4'	8'	8'	N/A	2,803 lbs.	2,221 lbs.	91'	51'	39'	30'	014-0640
MH410DW ¹	4'	10'	10'	N/A	3,316 lbs.	1,444 lbs.	60'	34'	26'	20'	014-0650
MH412DW ¹	4'	12'	12'	N/A	3,829 lbs.	1,014 lbs.	43'	25'	19'	15'	014-0660
MH8DW	8'	8'	8'	45"	4,104 lbs.	1,764 lbs.	75'	43'	33'	26'	014-0610
MH10DW	8'	10'	10'	45"	4,787 lbs.	1,147 lbs.	50'	29'	23'	18'	014-0620
MH12DW	8'	12'	12'	45"	6,244 lbs.	805 lbs.	36'	22'	17'	14'	014-0630

¹4' high boxes feature a stackable design.



ROUND MANHOLE BOXES are specially designed for personal protection during manhole installations and repair work. High-strength steel walls, welded securely to rigid steel top and bottom framing. Optional replaceable cut-outs allow for clearance of utility lines.



RMH-series Round Manhole Boxes									
Model	Size		Weight	Shield Cap (PSF)	Max Depth Per Soil Type				Cat-Class
	Diameter	Height			A	B	C-60	C-80	
RMH 8.5x4	8.5'	4'	920 lbs.	1,920 lbs.	32	32	32	21	014-0680
RMH 8.5x8	8.5'	8'	1,609 lbs.	1,920 lbs.	32	32	32	21	014-0670



WATER TAP BOXES are ideal for contractors, municipal water and sewer departments, plumbers and contractors engaged in routine water main repairs and maintenance. They feature steel walls and one-piece welded construction. All are certified by a professional engineer to meet OSHA standards.



WTB-series Water Tap Boxes										
Model	Size			Weight	Type	Max Depth Per Soil Type				Cat-Class
	H	W	L			A	B	C-60	C-80	
WTB488	4'	8'	8'	3,465 lbs.	Stacking	69'	39'	30'	23'	014-0808
WTB41010	4'	10'	10'	4,725 lbs.	Stacking	60'	34'	26'	20'	014-0809
WTB888	8'	8'	8'	6,300 lbs.	Cutout	71'	41'	32'	25'	014-0810
WTB61010	6'	10'	10'	6,454 lbs.	Cutout	61'	35'	27'	21'	014-0812
WTB81010	8'	10'	10'	7,875 lbs.	Cutout	62'	36'	28'	22'	014-0813



STEEL BEDDING BOXES feature rugged welded construction, fully reinforced at all points of stress. The top frame is further strengthened by an inner core of hardwood. The sides and ends are constructed of 1/4" steel plate. The bottom surface is smooth, fabricated of 1/2" steel plate, with wear strips on the inside to guard against damage by bucket teeth. Low 44" profile allows dump trucks to fill the box from either the ends or the sides.



BS-series Steel Bedding Boxes						
Model	Capacity	Size			Weight	Cat-Class
		W	L	H		
BS-7	7 cu. yds.	60"	16'	44"	5,023 lbs.	014-0710
BS-9	9 cu. yds.	72"	16'	44"	5,614 lbs.	014-0720



TRENCHERS

WALK-BEHIND TRENCHERS, VIBRATORY PLOWS

WALK-BEHIND TRENCHERS feature provide powerful digging performance, yet are compact enough to work in close quarters and near fences, driveways and sidewalks.

- Cutting depths down to 36"
- Powered by air-cooled gas engines
- Hydrostatic drive for smooth operation

Notes:

1. Trench cutting widths are determined by the type of digging teeth utilized.
2. Smaller bed edger trenchers are also available. (see page 183)



E-Z Trench EZ9100 6.5 HP



Ditch Witch 1030 11 HP



Ditch Witch 1820 18 HP



Vermeer RT200 23 HP



Make	Model	Engine	Max Trench Depth	Overall Width	Weight	Cat-Class
E-Z Trench	EZ9100	6.5 HP	13"	31"	250 lbs.	037-0005
Ground Hog	T-4H	Honda 5.5 HP	12"	24"	230 lbs.	037-0005
Vermeer	RT60	Honda 6 HP	12"	24"	270 lbs.	037-0005
Ditch Witch	1030	Honda 11 HP	24"	32"	900 lbs.	037-0010
Vermeer	RTX100	Kohler 13 HP	24"	35"	1,160 lbs.	037-0010
Ditch Witch	1230	Honda 12 HP	30"	35"	905 lbs.	037-0010
Ditch Witch	1330	Honda 13 HP	30"	33"	920 lbs.	037-0010
Ditch Witch	1820	Honda 18 HP	36"	36"	1,300 lbs.	037-0016
Ditch Witch	R230 ²	Kohler 23 HP	36"	36"	1,953 lbs.	037-0095
Vermeer	RT200	Kohler 23 HP	36"	36"	1,485 lbs.	037-0016

¹This model features track drive.

²This model features a ride-on operator platform.

VIBRATORY PLOWS are ideal for laying cable, conduit and flexible tubing with minimal ground disturbance. Applications include irrigation and sprinkler systems, cable TV, electrical and plumbing. Several walk-behind models, each featuring adjustable plow blades and hydrostatic, self-propelled operation are available. Narrow widths fit through most backyard gates.



Vermeer LM-42 43 HP Vibratory Plow



Make	Model	Engine	Max Plow Depth	Overall Width	Weight	Cat-Class
Ditch Witch	R230/P	Kohler 23 HP gas	12"	36"	1,839 lbs.	037-0043
Ditch Witch	410SXC	Cat 29 HP diesel	24"	36"	3,620 lbs.	037-0042
Vermeer	LM-42	Deutz 43 HP diesel	30"	36"	4,200 lbs.	037-0042

TRENCHERS

RIDE-ON TRENCHERS

RIDE-ON TRENCHERS provide the extra power and digging depth to perform deeper and more extensive trenching applications.

- Cutting depths down to 48"
- All models are diesel-driven and feature hydrostatic drive for smooth operation
- Backfill blade for backfilling trenches and cleanup
- Some models also include a backhoe attachment for added versatility

Note: Trench cutting widths are determined by the type of digging teeth utilized.



Ditch Witch RT40

42 HP Ride-on Trencher

Equipped with 48" trencher attachment



Ditch Witch RT75 w/BH 74 HP Ride-on Trencher

Equipped with 48" trencher and backhoe



Vermeer RT650 69 HP Ride-on Trencher

Equipped with 48" trencher and backhoe



Vermeer RT350 33 HP Ride-on Trencher

Equipped with 48" trencher attachment



Make	Model	Engine	Max Trench Depth	Backfill Blade	Backhoe Digging Depth	Transport Width	Weight	Cat-Class
Vermeer	RT350	Cummins 33 HP	48"	57" x 15"	N/A	57"	2,990 lbs.	037-0035
Ditch Witch	RT30	Kubota 24 HP	42"	48" x 14"	N/A	48"	3,050 lbs.	037-0030
Ditch Witch	RT40	Deutz 42 HP	48"	64" x 14"	N/A	64"	4,200 lbs.	037-0040
Ditch Witch	RT40 w/BH	Deutz 42 HP	48"	64" x 14"	75"	64"	5,600 lbs.	037-0041
Vermeer	RT450	Deutz 41 HP	48"	54" x 15"	N/A	58"	4,800 lbs.	037-0040
Vermeer	RT450/B450	Deutz 41 HP	48"	54" x 15"	77"	58"	6,300 lbs.	037-0041
Ditch Witch	RT75	John Deere 74 HP	48"	72" x 17"	N/A	71"	6,920 lbs.	037-0051
Ditch Witch	RT75 w/BH	John Deere 74 HP	48"	72" x 17"	92"	71"	9,895 lbs.	037-0053
Vermeer	RT650	Deutz 69 HP	48"	72" x 14"	N/A	69"	6,600 lbs.	037-0051
Vermeer	RT650/B600A	Deutz 69 HP	48"	72" x 14"	90"	69"	8,050 lbs.	037-0053
Vermeer	V-120	Cummins 116 HP	48"	80" x 16"	N/A	86"	11,175 lbs.	037-0070

TRENCHERS

RIDE-ON ROCK SAWS, CABLE LOCATORS

RIDE-ON ROCK SAWS are ideal for performing a variety of demanding cutting applications through solid concrete, asphalt and rock. All models are mounted on diesel-driven, ride-on carriers featuring hydrostatic drive for smooth operation and precision control.

- Cut through solid rock, concrete and asphalt
- Cutting depths down to 24"
- Diesel-driven, ride-on carriers
- Backfill blade for backfilling trenches and cleanup operations



Vermeer RT650 RS 69 HP Ride-on Rock Saw

Make	Model	Max Cutting Depth	Engine	Cutting Width*	Backfill Blade	Weight	Cat-Class
Ditch Witch	RT40 RS	18"	Deutz 42 HP diesel	2.5"-5"	64" x 14"	5,350 lbs.	037-0045
Vermeer	RT450 RS	24"	Deutz 41 HP diesel	4"-5"	54" x 15"	5,880 lbs.	037-0045
Vermeer	RT650 RS	24"	Deutz 69 HP diesel	4"-5"	72" x 14"	8,000 lbs.	037-0045

*Cutting width is determined by the segments installed on the cutter wheel.

CABLE LOCATORS are ideal for detecting buried telephone, power and CATV cables plus gas, sewer and water lines. Systems include a transmitter and receiver, featuring battery-powered operation. Operating modes include active line, passive line and radio. Ditch Witch 150R/T or 910R, Greenlee Tracker II (Cat-Class 011-0025)



Greenlee Tracker II
Cable Locator



Ditch Witch 150R/T
Cable Locator



**Know what's below.
Call before you dig.**

One free, easy call gets your utility lines marked AND helps protect you from injury and expense.

Safe Digging is No Accident—Always Call 811 Before You Dig

Visit www.call811.com for more information

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TRENCHLESS TECHNOLOGY

TRENCHLESS BORING TOOLS

TRENCHLESS BORING TOOLS are air-powered, underground piercing tools designed for precision boring under surface obstructions such as roads, railways, runways, driveways and cart paths. They create a straight, compacted hole suitable for a variety of underground installations, without disturbing landscapes or normal traffic patterns. Adapters are available for pulling PVC or HDPE conduit behind the tool, providing one-step installation. Standard and active head models, ranging from 2" to 4" diameters are available. Vermeer Active Head (AH) models are designed for working in adverse ground conditions such as cobble, hard clay and deadpan. All models include an air hose, an in-line oiler and a quick reverse swivel.



Vermeer 2RHSR Mole

Boring under a concrete driveway



Vermeer 3AHPP HammerHead Mole

Pulling PVC pipe while boring



Vermeer 2AHPP Mole

Active Head model



Ditch Witch Piercing Tools



Vermeer 4RHS Mole

Equipped with a nose collet in a pipe-ramming application



Make	Model	Diameter	Length	BPM	Air Requirement	Weight	Cat-Class
Vermeer	2AHPP	2.00"	41"	515	18 CFM @ 110 PSI	24 lbs.	002-0080
Vermeer	2RHSR	2.00"	45"	470	22 CFM @ 110 PSI	28 lbs.	002-0080
Ditch Witch	PA225	2.24"	50"	450	32 CFM @ 110 PSI	56 lbs.	002-0080
Vermeer	2.5AHPP	2.50"	50"	385	31 CFM @ 110 PSI	50 lbs.	002-0081
Vermeer	2.5RHSR	2.50"	48"	385	31 CFM @ 110 PSI	50 lbs.	002-0081
Vermeer	3AHPP	3.00"	53"	370	35 CFM @ 110 PSI	67 lbs.	002-0082
Ditch Witch	PA310	3.10"	55"	440	40 CFM @ 110 PSI	75 lbs.	002-0082
Vermeer	4RHSR	3.88"	64"	370	68 CFM @ 110 PSI	136 lbs.	002-0084

Key to Vermeer models: AH = Active Head

PP = Power Port Reverse

RH = Replaceable Head Tool

SR = Screw Reverse

TRENCHLESS TECHNOLOGY

VACUUM EVACUATOR SYSTEMS

VACUUM EVACUATOR SYSTEMS are used by utility contractors for locating underground utility lines and removing large volumes of mud and slurry generated by horizontal directional drills. They are also used for cleaning up spills of non-hazardous materials and cleaning out storage tanks. Systems include a powerful vacuum system and a high-pressure water pump for performing both evacuation and excavation tasks. Waste material is recovered in the spoils tank and hauled away for disposal.

- Large capacity spoils tanks and water tanks accommodate massive cleanup operations
- Suction hose for cleanup applications
- High-pressure potholing tool and 50' pressure hose for locating underground utility lines
- Both models are diesel-driven and feature 2-wheel trailer mounting for easy highway towing



Vermeer Potholing Tool

Potholing tools are ideal for locating underground utility lines



Ditch Witch FX30

500 gal. Vacuum Evacuator System



Vermeer V500LT

450 gal. Vacuum Evacuator System

Make	Model	Spoils Tank	Suction Hose	Water Lift	Water Tank	Water Pump Max GPM/PSI	Engine	Empty Weight	GVWR	Cat-Class
Ditch Witch	FX30	500 gal.	3" x 50'	15.0"	80 gal.	4.2/3,000	Kubota 25 HP diesel	5,260 lbs.	9,950 lbs.	037-0100
Vermeer	V500LT	450 gal.	3" x 20'	15.0"	100 gal.	5.6/3,000	Kubota 36 HP diesel	4,700 lbs.	9,999 lbs.	037-0100

TRUCKS, RENTAL

BOOM TRUCKS, DUMP TRUCKS, WATER TRUCKS

BOOM TRUCKS provide excellent versatility in construction and industrial lifting applications. They combine a diesel-driven, commercial truck chassis with a telescopic crane, providing mobility both on-site and over-the-road. The flatbed deck is also ideal for carrying cargo and materials.

- Dual operator platforms and controls
- Front and rear stabilizers
- Electronic load moment indicator and anti-two-block device



Terex BT3063B 15-ton Boom Truck

Make	Model	Max Lift Capacity*	Boom Length	Sheave Height**	Horizontal Reach	Deck	GVWR	Weight	Cat-Class
Terex	BT3063B	15 ton	25'-63'	73'	60'	18'L x 8'W	33,000 lbs.	26,285 lbs.	111-0015
Terex	BT3470	17 ton	27'-70'	80'	65'	20'L x 8'W	33,000 lbs.	27,250 lbs.	111-0020

*Max lift capacities reflect crane operation under optimum conditions with retracted boom at minimum radius.

Consult the capacity and range chart on the machine for specific lifting applications.

**Sheave heights reflect operation with main boom. Increased sheave heights are attainable using an optional jib.



DUMP TRUCKS are available from Sunbelt Rentals for hauling bulk materials such as topsoil, sand gravel, and construction debris. They feature a 3 cubic yard (Cat-Class 111-0033), 5 cubic yard (Cat-Class 111-0035), and 10 cubic yard (Cat-Class 111-0037) capacity.



Dump Truck



Water Truck



WATER TRUCKS are ideal for performing dust control and street cleaning applications. They feature a 2,000 gallon tank (Cat-Class 111-0031 & 111-0032), and 4,000 gallon tank (Cat-Class 111-0029), which includes a PTO-driven water pump and both front and rear water spray heads. The tank is filled using a rear hydrant fill, a top hatch fill, or a suction fill.

Note: Contact your local Sunbelt Rentals location for specific information about dump trucks and water trucks offered in your area, as specifications vary according to local needs.

VACUUMS

WET/DRY VACUUMS

WET/DRY VACUUMS provide high performance and extra versatility in commercial and industrial applications. Several sizes and types of wet/dry vacuums are available. All models include a suction hose with wand and nozzle and an auxiliary power outlet. Disposable filter bags are available for dust collection. 120V operation.

- ATTIX 12RDFD features automatic filter cleaning—ideal for many dust collection applications. This model also features very quiet operation (57 dBA)
- Mi-T-M MV-1300-OMEV features a stackable design and includes exhaust air ducting to eliminate airborne particles
- AE-models include a built-in discharge pump
- AS/E-models are **Auto Start for Electric tools**



Mi-T-M MV-1300-OMEV
13-gal. Wet/Dry Vacuum
Features a stackable design for easy storage



Nilfisk-ALTO ATTIX 12



Nilfisk-ALTO ATTIX 12RDFD
12-gal. Wet/Dry Vacuum
Features automatic filter cleaning



Nilfisk-ALTO ATTIX 19
19-gal. Wet/Dry Vacuum
Features a tiltable/removable container



Nilfisk-ALTO ATTIX 19AE
Wet Vac w/Pump Discharge
Features a built-in pump that can discharge up to 23' vertically or 300' horizontally when attached to an optional discharge hose

Make	Model	Type	Capacity	HP	Air Flow	Water Lift	Hose	Weight	Cat-Class
Nilfisk-ALTO	ATTX 30 AS/E	Wet/Dry Canister Vac	8 gal.	1000 W	135 CFM	92"	1-1/2" x 10'	32 lbs.	080-0120
Nilfisk-ALTO	ATTX 30 HEPA	Wet/Dry Canister Vac	8 gal.	1000 W	135 CFM	92"	1-1/2" x 10'	32 lbs.	080-0120
Hilti	VC40U	Wet/Dry Universal Vac	9.5 gal.	1200 W	129 CFM	92.3"	16'	33 lbs.	080-0120
Porter-Cable	7812	Wet/Dry Universal Vac	10 gal.	9 AMP	114 CFM	94"	16'	20 lbs.	080-0120
Nilfisk-ALTO	ATTX 50 AS/E	Wet/Dry Canister Vac	12 gal.	1000 W	140 CFM	105"	1-1/2" x 10'	38.5 lbs.	080-0120
Nilfisk-ALTO	ATTX 50 HEPA	Wet/Dry Canister Vac	12 gal.	1000 W	140 CFM	105"	1-1/2" x 10'	38.5 lbs.	080-0120
Tennant	V-WD-15	Wet/Dry Canister Vac	15 gal.	1.3	103 CFM	92"	1-1/2" x 10'	44 lbs.	080-0120
Nilfisk-ALTO	ATTIX 12RDFD ¹	Wet/Dry Canister Vac	12 gal.	1.6	140 CFM	105"	1-1/2" x 10'	53 lbs.	080-0120
Hilti	VCD50	Dry Dust Collector Vac	12 gal.	1.6	106 CFM	92"	1-1/2" x 16'	50 lbs.	080-0120
Mi-T-M	MV-1300-OMEV	Wet/Dry Canister Vac	13 gal.	1.3	115 CFM	93"	1-1/2" x 10'	50 lbs.	080-0120
Tennant	V-WD-16P	Wet/Dry Canister Vac	16 Gal.	1.6	112 CFM	107"	1-1/2" x 10'	64 lbs.	080-0120
Nilfisk-ALTO	ATTIX 19	Wet/Dry Canister Vac	19 gal.	1.6	140 CFM	105"	1-1/2" x 13'	78 lbs.	080-0120
Clarke/Wap	SQ17AE	Wet Vac w/Pump Discharge	17 gal.	1.6	120 CFM	90"	1-1/2" x 13'	68 lbs.	080-0130
Nilfisk-ALTO	ATTIX 19AE	Wet Vac w/Pump Discharge	19 gal.	1.6	140 CFM	105"	1-1/2" x 13'	97 lbs.	080-0130

¹ATTIX 12 model is also available with HEPA filtration. ²Capacity on ATTIX DrumTop model is determined by the size of the drum being used.

VACUUMS

CLEANROOM & HEPA VACUUMS, HAZARDOUS MATERIAL VACUUMS



CLEANROOM VACUUMS are lightweight industrial vacuums designed for cleanrooms and labs demanding absolute filtration. Features 4-stage filtration: a disposable filter bag, a main filter, a microfilter (99.5% efficient down to 2-micron sized particles) and an ULPA filter (99.99% efficient down to 0.12 micron sized particles). Interference suppressed for safe use around sensitive electronic equipment. Includes suction hose, wands and caster mounting. 7.8/3.9 amp rating, 115/220V operation. 3.25 gal. capacity. Unit weighs 13 lbs. Nilfisk GS-80I (Cat-Class 080-0310)



Nilfisk GS-80I

3.25-gal. Cleanroom Vacuum
Features 4-stage filtration with an ULPA filter (99.999% efficient)



HEPA WET/DRY VACUUMS feature wet/dry operation and multi-stage filtration including a HEPA filter (99.97% efficient down to 0.3 micron sized particles). (Cat-Class 080-0320)



Clarke/Wap ATTIX 12 HEPA

12-gal. HEPA Wet/Dry Vacuum
Includes 1.5" x 10' suction hose, wands and wet/dry collection tools. 1.6 HP motor, 115V operation. Unit weighs 53 lbs.



Nilfisk VT-60CR

10-gal. HEPA Wet/Dry Vacuum
Features 4-stage filtration. Includes suction hose, wands and wet/dry collection tools. 8.3 amp rating, 115V operation. Unit weighs 65 lbs.



MERCURY VACUUMS are designed for recovering mercury from shipping containers, work areas and spills for reuse or disposal. Features 4-stage filtration: a 16 ounce capacity centrifugal droplet separator that collects liquid mercury (a 12-gal. disposable bag is available for dry spills), a HEPA filter (99.97% efficient down to 0.3 micron sized particles), an activated carbon filter and a microstatic diffuser. Includes a 4-wheel dolly with front casters. 8.3 amp rating, 120V operation. Unit weighs 107 lbs. Nilfisk VT-Mercury Vac (Cat-Class 080-0340)



HAZARDOUS MATERIAL VACUUMS are ideal for cleaning up flammable liquids, finely pulverized dust and other hazardous materials. Designed for use where flammable gases, vapors or fine dust may be present. Features 3-stage HEPA filtration (99.99% efficient down to 0.12 micron sized particles) and a 15-gal. stainless steel tank. 115/220V operation. Unit weighs 96 lbs. Minuteman C88015-04 (Cat-Class 080-0330)



For more information about special-purpose vacuums, call the Sunbelt Rentals Industrial Services at 855-260-6726.



WELDING & PLASMA CUTTING EQUIPMENT

WELDING & CUTTING PROCESSES

Stick Electrode Welding (SMAW)

- Most common welding process
- Constant-current (CC) DC power source is recommended
- Better for windy, outdoor conditions
- More forgiving when welding on dirty or rusty metal

MIG Wire Welding (GMAW)

- Easiest process to learn and better control on thinner metals, produces clean welds and high productivity
- Requires CV (constant-voltage) power source, wire feeder, MIG gun and welding gas
- Use DCEP (reverse polarity) on the power source
- On thin metals, use smaller diameter wire. On thicker metals, use larger diameter wire and a larger machine
- Use the proper shielding gas. CO₂ is good for penetrating welds on steel, but may be too hot for thin metal. Use 75% Argon/25% CO₂ for thinner metals. Use only argon for aluminum. You can use a triple mix for stainless steels (Helium + Argon + CO₂)
- Be sure to match your contact tube, gun liner and drive rolls to the wire size

Flux Cored Wire Welding (FCAW)

- Uses the same equipment as MIG welding and works as well as Stick on dirty, rusty material
- Requires CV (constant-voltage) power source, wire feeder and gasless gun. Can use CC (constant-current) power source with a voltage-sensing feeder.
- Self-shielded Flux Cored doesn't require an external cylinder of shielding gas (shielding is in the wire). This is useful for outside work, where external gas could be blown away
- Similar to Stick welding, where slag must be removed from the weld.
- Self-shielded Flux Cored is generally harder to accomplish on thin metals than MIG welding
- Provides deep penetration for welding thick sections and increased metal disposition rate

TIG Welding (GTAW or Gas Tungsten Arc)

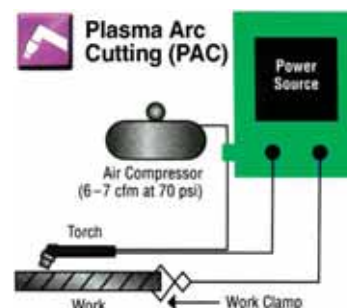
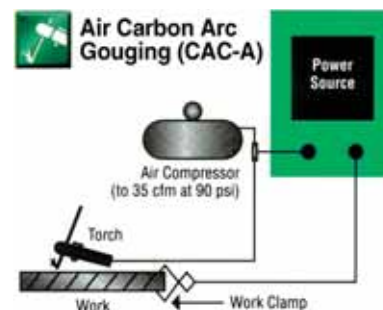
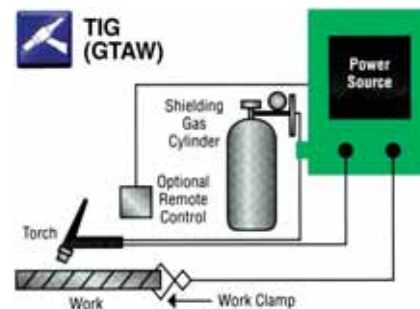
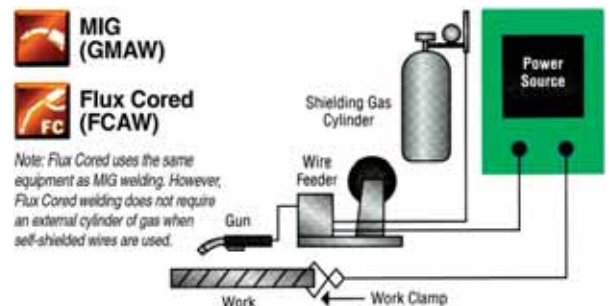
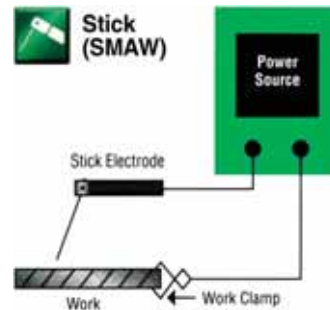
- Good for thin metal and where high-quality, precise, aesthetic welds are required
- Requires power source, TIG torch and Argon shielding gas (for steel, stainless and aluminum)
- High-frequency arc starter may be required for some applications.
- Use DCEN for steel and stainless. Use AC for aluminum
- Match tungsten electrode size with the collet size
- Use a push technique with TIG

Air Carbon Arc Gouging (CAC-A)

- Requires power source and special electrode holder plus compressed air (to 35 CFM @ 90 PSI)
- Creates a high-pressure air jet that blows molten metal away.
- Often used for weld joint preparation, rough cutting and removal of unwanted metal
- Carbon sizes used are determined by the output of the machine.
- Constant-current (CC) or constant-voltage (CV) machines can be used.

Plasma Arc Cutting (PAC)

- Quality cutting process that produces clean, fast and warp-free cuts on all electrically conductive metals
- Requires special power source and torch plus compressed air
- Used primarily for difficult-to-cut alloys such as aluminum and stainless
- Can also be used for gouging as a substitute for the air carbon arc process
- Fast cuts virtually eliminate warping and help prevent paint damage
- Clean and dry, oil-free air is important



WELDING & PLASMA CUTTING EQUIPMENT

WELDING & CUTTING GLOSSARY

GLOSSARY

Air Carbon Arc Gouging (CAC-A)—a cutting process by which metals are melted by the heat of an arc using a carbon electrode. Molten metal is forced away from the cut by a blast of forced air. To remove large amounts of metal, look for a welder that can use carbons of at least 3/8" in diameter.

Amperage—the measurement of the amount of electricity flowing past a given point in a conductor per second.

Alternating Current (AC)—an electrical current that reverses its direction at regular intervals, such as 60 cycles alternating current (AC), or 60 Hz.

Arc—the physical gap between the end of the electrode and the base metal.

Arc-Drive—active dig control in the Stick process that enhances E6010 pipe welding without compromising E7018 performance.

Auto-Line—automatically "links" the Spectrum 2050 to any primary input voltage from 208 to 575 volts, single or three-phase, 50 or 60 Hz. Also adjusts for voltage spikes within the entire range.

Auto-Link—internal inverter power source circuit that automatically links the power source to the primary voltage being applied (230V or 460V), without the need for manually linking primary voltage terminals.

Constant Current (CC) Welding Machine—have limited maximum short circuit current, have a negative volt-amp curve and are often referred to as "droopers." The voltage will change with different arc lengths while only slightly varying the amperage.

Constant Voltage (CV), Constant Potential (CP) Welding Machine—maintains a relatively stable, consistent voltage regardless of the amperage output. It results in a relatively flat volt-amp curve as opposed to the drooping volt-amp curve.

Current—another name for amperage. The amount of electricity flowing past a point in a conductor every second.

Defect—one or more discontinuities that cause a testing failure in a weld.

Direct Current (dc)—flows in one direction and does not reverse its direction of flow.

Duty Cycle—the number of minutes out of a 10-minute time period an arc welding machine can be operated at maximum rated output.

Flux Cored Arc Welding (FCAW)—an arc welding process that melts and joins metals by heating them with an arc between a continuous, consumable electrode wire and the work. Shielding is obtained from a flux contained within the electrode core. Depending upon the type of flux-cored wire, adding shielding may or may not be provided from externally supplied gas or gas mixture.

Ground Connection—a safety connection from a welding machine frame to the earth. (see also Workpiece Connection)

Ground Lead—see preferred term Workpiece Lead.

High Frequency—covers the entire frequency spectrum above 50,000 Hz. Used in TIG welding for arc ignition and stabilization.

Inverter—power source that increases the frequency of the incoming primary power, thus providing for a smaller size machine and improved electrical characteristics for welding.

MIG (GMAW or Gas Metal Arc Welding)—an arc welding process that joins metals by heating them with an arc. The arc is between a continuously fed filler metal (consumable) electrode and the workpiece. Externally supplied gas or gas mixtures provide shielding. Common MIG welding is also referred to as short circuit transfer. Metal is deposited only when the wire actually touches the work. No metal is transferred across the arc.

Plasma Arc Cutting—an arc cutting process that severs metal by using a constricted arc to melt a small area of the work. This process can cut all metals that conduct electricity.

Primary Power—often referred to as the input line voltage and amperage available to the welding machine from the shop's main power line. Often expressed in watts or kilowatts (kW), primary input power is AC and may be single or 3-phase.

Rated Load—the amperage and voltage the power source is designed to produce for a given specific duty cycle period.

Stick Welding (SMAW or Shielded Metal Arc)—an arc welding process that melts and joins metals by heating them with an arc, between a covered metal electrode and the work. Shielding gas is obtained from the electrode outer coating, often called flux. Filler metal is primarily obtained from the electrode core. An AC/DC welder is recommended for Stick.

TIG Welding (GTAW or Gas Tungsten Arc)—this welding process joins metals by heating them with a tungsten electrode that should not become part of the completed weld. Filler metal is sometimes used and argon inert gas or inert gas mixtures are used for shielding.

Voltage—the pressure or force that pushes the electrons through a conductor.

Voltage-Sensing Wire Feeder—feeder operates from arc voltage generated by welding power source.

Workpiece Connection—a means to fasten the work lead (work cable) to the work (metal to be welded on). Also, the point at which this connection is made.

Workpiece Lead—the conductor cable or electrical conductor between the arc welding machine and the work.

WELDING & PLASMA CUTTING EQUIPMENT

MACHINE SOURCING QUESTIONS, PROCESS COMPARISON CHARTS

MACHINE SOURCING QUESTIONS:

1. What type of work are you performing?

Stick electrode welding—the most common process used by rental customers and contractors.

(See pages 280-281 for more information)

MIG wire welding—115V and 230V, 1-phase integrated wire welders. Usually requires shielding gas.

(See pages 280-281 and 285 for more information)

Flux Cored wire welding—gasless type wire welding commonly used in construction applications. Usually requires 300 amp or larger welder.

(See pages 280-281 for more information)

TIG “heliarc” welding—most commonly used in installation welding during the later phases of a construction project.

(See pages 280-281 and 286 for more information)

Plasma arc cutting—a cutting process requiring special machines and compressed air.

(See pages 280-281 and 288 for more information)

Air Carbon Arc gouging—a cutting process requiring high amperage, compressed air, and a special torch.

(See pages 280-281 for more information)

2. Where will the welder be used?

Inside—requires “plug-in” welder, LPG engine-driven welder or “scrubber” equipped diesel welder.

Outside—gas or diesel engine-driven welders are rented for most construction sites. Multi-Operator welders are often rented for large sites.

3. Is commercial electric power available?

Yes—if sufficient power is available, electrical welders are usually more suitable to rent.

No—rent gas or diesel engine-driven welders. Or, rent a portable generator and “plug-in” electrical welders.

4. What voltage and phase are available?

Determine the available electric power at the site: 120V, 208V, 230V, 460V or 575V. Also determine whether single-phase or three-phase power is available.

5. What is the duty cycle needed?

Duty cycle relates to how long a machine can continuously operate without damaging the system. NEMA guidelines base the duty cycle rating on the number of minutes out of a 10-minute period an arc welding machine can be operated at maximum rated output, which is expressed in percentages such as “60% duty cycle.” Extensive arc-on time and/or high-amperage welding requires a welder with a higher duty cycle. If a welder is operated below its rated output, the duty cycle typically increases.

6. Is portable equipment required?

Hand-portable power sources—if welders are to be moved by hand, portable welding/cutting machines under 80 lbs. are usually required.

Gas engine-driven power sources—usually mounted on running gear for ease of onsite movement.

Diesel engine-driven power sources—usually trailer-mounted and moved on-site by truck.

Multi-operator power sources—usually moved onsite by crane or lift truck. For high-rise structures, check if they are to be moved and fit into temporary construction elevators.

STICK ELECTRODE/AMPERAGE CHART						
ELECTRODE	DIAMETER		AMPERAGE RANGE			
	IN	MM	MIN. 50 A	100 A	150 A	200 A MAX.
6010 & 6011	3/32	2.4				
	1/8	3.2				
	5/32	4.0				
	3/16	4.8				
6013	1/16	1.6				
	5/64	2.0				
	3/32	2.4				
	1/8	3.2				
	5/32	4.0				
	3/16	4.8				
7014	3/32	2.4				
	1/8	3.2				
	5/32	4.0				
7018	3/32	2.4				
	1/8	3.2				
	5/32	4.0				
7024	3/32	2.4				
	1/8	3.2				
	5/32	4.0				
Ni-Ci	3/32	2.4				
	1/8	3.2				
	5/32	4.0				
	3/16	4.8				
308L	3/32	2.4				
	1/8	3.2				
	5/32	4.0				

Courtesy of Miller Electric

PROCESS COMPARISON CHARTS

Welding Processes

Process	Metal Types	Metal Thickness	Speed	Skill Required	Operating Cost
MIG	Steel, stainless, aluminum	.025" and up	Very fast	Low	Low
Flux Cored	Steel, stainless	.125" and up	Very fast	Low	Low
Stick	Steel, stainless	.125" and up	Slow	Moderate	High
TIG	All weldable metals	.010" and up	Very slow	High	High

Cutting Processes

Process	Metal Types	Metal Thickness	Speed	Skill Required	Operating Cost
Air Carbon Arc Gouging	Steel	Unlimited	Fast	Low	Moderate
Plasma Cutting	All electrically conductive metals	Up to 1.75"	Very fast	Low	Low

WELDING & PLASMA CUTTING EQUIPMENT

ENGINE-DRIVEN WELDERS

ENGINE-DRIVEN WELDERS provide the portability needed by contractors to operate on-site with multi-process capabilities, independent from electric power sources. Typical applications include welding structural steel, repairing equipment, bridge building and plant maintenance. These units also provide 120/240V auxiliary power for operating electric lights and tools. Engine-driven welders with skid, running gear, trailer-mounted and offshore models are available. Power options include gas, propane and diesel.

- Welding leads, stingers and ground clamps are available

Multiquip GAW180HE
180A Welder/Generator



Miller Bobcat 250 NT 250A running gear model



Miller Big Blue 300 CC/CV 400A CC/CV trailer model



Lincoln Vantage 400 CC/CV 400A CC/CV trailer model



Miller Big Blue 500 CC DRIP 600A CC/CV offshore model



Make	Model	Engine	Welding Modes	Rated Output			Weight	Cat-Class
				100% Duty Cycle	60% Duty Cycle	40% Duty Cycle		
Miller	Blue Star 185	13 HP gas	CC/DC	150A, 25V	130A, 25V	185A, 25V (20%)	296 lbs.	027-0010
Multiquip	GAW180HE	11 HP gas	CC/DC	110A, 26V	—	170A, 26V (50%)	242 lbs.	027-0010
Lincoln	Ranger GXT	23 HP gas	CC/AC, CC/DC, CV/DC	250A, 25V	—	—	692 lbs.	027-0050
Miller	Bobcat 250 NT	20 HP gas	CC/AC, CC/DC, CV/DC	250A, 25V	275A, 25V	—	519 lbs.	027-0050
Miller	Bobcat 250 LP	20 HP propane	CC/AC, CC/DC, CV/DC	250A, 28V	275A, 25V	—	519 lbs.	027-0060
Lincoln	Classic 300D w/trailer	33 HP diesel	CC/DC	250A, 30V	300A, 32V	—	1,891 lbs.	027-0080
Lincoln	Vantage 300 w/trailer	22 HP diesel	CC/DC, CV/DC	300A, 32V	400A, 25V	—	1,713 lbs.	027-0090
Miller	Trailblazer Pro 350	26 HP diesel	CC/AC, CC/DC, CV/DC	300A, 25V	350A, 28V	—	1,029 lbs.	027-0090
Miller	Big Blue 300 CC/CV	22 HP diesel	CC/DC, CV/DC	300A, 25V	400A, 25V	500A, 30V	1,100 lbs.	027-0110
Lincoln	Vantage 400 w/trailer	33 HP diesel	CC/DC, CV/DC	400A, 36V	—	—	2,201 lbs.	027-0120
Miller	Big Blue 400 CC/CV	35 HP diesel	CC/DC, CV/DC	400A, 36V	450A, 36V	500A, 30V	1,655 lbs.	027-0150
Miller	Big Blue 400 Eco Pro	35 HP diesel	CC/DC, CV/DC	400A, 36V	450A, 36V	500A, 30V	1,400 lbs.	027-0150
Lincoln	Vantage 500 w/trailer	48 HP diesel	CC/DC	500A, 40V	550A, 36V	—	2,163 lbs.	027-0160
Miller	Big Blue 500 CC/CV	42 HP diesel	CC/DC, CV/DC	500A, 40V	—	600A, 30V	1,785 lbs.	027-0170
Miller	DU-OP ¹	42 HP diesel	CC/DC, CV/DC	400A, 36V	—	550A/275A	2,005 lbs.	027-0170
Miller	Big Blue 500 CC DRIP ²	42 HP diesel	CC/DC	500A, 40V	550A, 40V	600A, 30V	2,385 lbs.	027-0175

¹Dual operator model: Rated output reflects single/dual operators.

²Offshore model equipped with galvanized steel roll cage/drip pan.



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WELDING & PLASMA CUTTING EQUIPMENT

INVERTER WELDERS, MULTI-OPERATOR RACKS

INVERTER WELDERS provide multiple welding process capabilities in a compact, lightweight package due to their unique electrical design. The power source increases the frequency of the incoming primary power, allowing a smaller size machine with improved electrical characteristics. Benefits include faster response time and more control.

- CST-series models feature Lift-Arc™ start for TIG arc starts without the use of high frequency
- XMT-series models feature Lift-Arc start plus Adaptive Hot Start™, which increases the output amperage at the start of a weld to eliminate electrode sticking
- 4-Pack and 6-Pack rack systems are available



Miller CST 280
280A Inverter Welder



Miller XMT 304 CC/CV
300A Inverter Welder

Make	Model	Processes	Rated Output	Power Requirements	Weight	Cat-Class
Miller	CST 250	Stick, TIG	250A at 50% duty cycle	230/460/575V 3ø	40 lbs.	027-0360
Miller	CST 280 ¹	Stick, TIG	280A at 35% duty cycle	230/460/575V 3ø	41 lbs.	027-0360
Miller	XMT 304 CC	Stick, TIG, Flux cored, Air carbon arc	300A at 60% duty cycle	208-230/460V 3ø	76 lbs.	027-0370
Miller	XMT 304 CC/CV	Stick, TIG, MIG, Flux cored, Air carbon arc	300A at 60% duty cycle	208-230/460V 3ø	76 lbs.	027-0380
Miller	XMT-350 VS	Stick, TIG, MIG, Flux cored, Air carbon arc	350A at 60% duty cycle	208-575V 1ø or 3ø	80 lbs.	027-0385
Miller	XMT-456 CC/CV	Stick, TIG, MIG, Flux cored, Air carbon arc	565A at 60% duty cycle	208-230/460V 3ø	118 lbs.	027-0405

¹This model is included in the JLG SkyWelder Package, available for selected models of JLG manlifts.



Miller CST-series 4-Pack Rack



Miller XMT-series 6-Pack Rack



Fume extractors are available for rent (see page 288)

MULTI-OPERATOR RACKS are also available for Miller CST- and XMT-series inverter welders in 4-pack, 6-pack and 8-pack configurations. These space-saving racks are ideal for applications requiring multiple arcs in tight spaces. Racks travel through a standard 36" door and also fit in most construction elevators. Wheel kits available.

- Rugged, steel construction with a compact footprint
- Individual units can be removed and operated independently
- Single input power connection, fused switches for each unit
- Forklift pockets and lifting eyes for easy lifting and placement

Series	Capacity	Input Power	Dimensions	Empty Weight	Cat-Class
CST	4-pack	230/460/575V, 3-phase	26"L x 27"W x 51"H	224 lbs.	027-0360
XMT	4-pack	230/460V, 3-phase	43"L x 34"W x 59"H	256 lbs.	027-0385
XMT	6-pack	230/460V, 3-phase	43"L x 34"W x 59"H	256 lbs.	027-0385

XMT Rack accommodates
up to (6) XMT-300 series units,
up to (4) XMT-400 series units.

WELDING & PLASMA CUTTING EQUIPMENT

MIG WELDERS, TIG WELDERS

MIG WELDERS are complete all-in-one welding systems that feature built-in or separate wire feeders. Light and heavy-duty MIG welders are available. All models include a wire feeder, cable assembly and MIG gun.

- MIG and Flux Cored processes
- Light-duty models operate on standard 115V current and are ideal for light fabrication, maintenance and repair applications Includes a built-in wire feeder
- Heavy-duty model features an adjustable weld stabilizer (high-low inductance)
High stabilizer is ideal for welding stainless steel, low stabilizer is for mild steel and aluminum Includes an external wire feeder



Millermatic 140
MIG Welder



MIG Consumables Kit
(For purchase only)
Includes an assortment of
contact tips, nozzle, adapters,
shock washer and O-ring



Make	Model	Applications	Rated Output	Power Requirements	Weight	Cat-Class
Miller	Millermatic 140	Light-duty	140A Max output; 90A, 18V (20% duty cycle)	115V, 20A	60 lbs.	027-0240
Miller	Millermatic 135XP	Light-duty	135A Max output; 90A, 18V (20% duty cycle)	115V, 20A	60 lbs.	027-0240
Miller	CP-302	Heavy-duty	300A, 32 V (100% duty cycle); 390A, 32 V (60% duty cycle)	200/230/460V 3ø	332 lbs.	027-0340

TIG WELDERS provide maximum performance in a compact package. Includes a 13' stick electrode holder, 10' work clamp, TIG torch, gas hose and regulator.

- Lift-Arc™ start for TIG arc starts without the use of high frequency
- Auto-Line™ circuitry automatically connects to the following power supply voltages:
Maxstar 150 STL: 115V or 230V single-phase
Maxstar 200 DX: 120-460V, single- or 3-phase
- High-Frequency Arc Starters are available for use with a constant current power source, to help to start the arc in the TIG process. 115V operation Miller HF-251D-1 (Cat-Class 027-0320)
- Water Coolers are available for use with water-cooled torches rated up to 600 amps 115V operation Miller Coolmate 4 (Cat-Class 027-0330)



Miller Maxstar 150 STL
Stick/TIG Welder



Miller XMT 304 TIG Rig

Includes XMT 304 power source, HF-251D-1 hi-frequency arc starter, Coolmate 4 water cooler and portable cart.

Make	Model	Processes	Rated Output	Weight	Cat-Class
Miller	Maxstar 150 STL	Stick, TIG	100A at 100% duty cycle	14 lbs.	027-0350
Miller	Maxstar 200 DX	Stick, TIG	175A at 60% duty cycle	37 lbs.	027-0355

WELDING & PLASMA CUTTING EQUIPMENT

MULTIPROCESS WELDERS, PORTABLE WIRE FEEDERS,
MULTI-OPERATOR WELDERS

HEAVY-DUTY MULTIPROCESS WELDERS provide outstanding versatility and performance across the whole spectrum of welding processes, plus the power to perform many demanding industrial applications. They feature built-in arc control and internal digital voltage control. Unit operates on 230/460/575V 3-phase power and weighs 545 lbs.

Miller Dimension 652 (Cat-Class 027-0450)

- 650A output (100% duty cycle), 800A (60% duty cycle)
- CC/CV welding modes, Hot Start for easy stick starting
- MIG, Stick, TIG, Flux Cored, Air Carbon-Arc Gouging and Cutting, and Submerged Arc Welding processes



PORTABLE WIRE FEEDERS allow continuous wire welding with most CC/CV and DC power sources. Typical applications include industrial maintenance, fabrication and manufacturing.

- SuitCase models operate on open-circuit and arc voltage.
- Selection of wire types and sizes (see chart below)

Note: Please indicate wire size at the time of order.



Miller SuitCase X-TREME 12VS



Miller Super S-32P

Make	Model	Input Power	Wire Speed	Max Spool Size/Capacity	Wire Diameter Ranges			Weight	Cat-Class
					Solid Wire	Stainless Steel	Flux Cored		
Miller	SuitCase 12VS	15-100V DC	50-700 IPM	12"/30 lbs.	.023"-5/64"	.023"-5/64"	.030"-5/64"	29 lbs.	027-0270
Miller	SuitCase X-TREME 12VS	14-110V DC	50-780 IPM	12"/45 lbs.	.023"-5/64"	.023"-5/64"	.030"-5/64"	35 lbs.	027-0270
Miller	Super S-32P	50-100V DC	50-700 IPM	12"/30 lbs.	.023"-5/64"	.023"-5/64"	.023"-5/64"	32 lbs.	027-0280
Miller	22A	24V AC, 7A	75-750 IPM	60 lbs.	.023"-5/64"	.030"-5/64"	.030"-5/64"	32 lbs.	027-0300

MULTI-OPERATOR WELDERS provide up to eight operators with the power and performance needed for big jobs, with greater efficiency than operating separate welding units. Requiring only one power connection, these versatile systems take up much less space than multiple separate units. Ideal for stationary applications including construction, pipelines, shipbuilding, training facilities and multiple connections to a common work piece.

- Stick, TIG and Air carbon arc gouging processes
- MIG and Flux Cored capabilities with optional wire feeder
- Systems utilize a single main transformer to power all modules, which can be paralleled for higher output
- Rugged steel frames, with lifting eyes and forklift pockets to assist with loading and placement on the job
- Includes a 15A, 115V duplex receptacle for running power tools



Make	Model	Modules	Type	Rated Output Single Module	Rated Output Max Combined	Overall Dimensions	Weight	Cat-Class
Miller	Mark VI	6	Stick CC/CV	250A (60% duty cycle)	750A (100% duty cycle)	57"L x 34"W x 70"H	1,825 lbs.	027-0410
Miller	Mark VIII-2	8	Stick CC/CV	200A (60% duty cycle)	800A (100% duty cycle)	72"L x 40"W x 70"H	4,050 lbs.	027-0420

WELDING & PLASMA CUTTING EQUIPMENT

PLASMA CUTTERS

PLASMA CUTTERS are ideal for cutting all conductive metals, including mild or stainless steel and aluminum. They utilize an arc cutting process that works by sending an electric arc through a gas that is passing through a constricted opening. The air plasma cutting process yields clean and accurate cuts, with less metal distortion than any other cutting process.

- Includes a hand-held torch and work cable with clamp
- Built-in gas/air filter and regulator
- Postflow cooling circuit
- Adapts easily to various input voltages

Consumables Kit

(For purchase only)

Includes drag shield, retaining cup, standard tips and electrodes, swirl ring and O-ring



Miller Spectrum 2050 Plasma Cutter



Miller Spectrum 375 Plasma Cutter



Make	Model	Cutting Capacity			Rated Output	Power Requirement	Air Requirement	Weight	Cat-Class
		Rated	Quality	Sever					
Miller	Spectrum 125C ¹	1/8"	3/16"	N/A	12A (35% duty cycle)	115V, 1ø	N/A	50 lbs.	027-0190
Miller	Spectrum 375	3/8"	1/2"	5/8"	27A (35% duty cycle)	115/230V, 1ø	5 CFM @ 90 PSI	55 lbs.	027-0190
Miller	Spectrum 2050	7/8"	1"	1-1/4"	55A (60% duty cycle)	208-575V, 3ø	6 CFM @ 90 PSI	86 lbs.	027-0210
Miller	Spectrum 3080	7/8"	1-1/4"	1-1/2"	80A (60% duty cycle)	230/460V, 3ø	8 CFM @ 90 PSI	74 lbs.	027-0220
Miller	Spectrum 1000	1"	1-1/4"	1-1/2"	80A (60% duty cycle)	230/460V, 3ø	8 CFM @ 90 PSI	92 lbs.	027-0220
Hypertherm	MAX200 ²	1-1/2"	2"	2"	200A (100% duty cycle)	240/480V, 3ø	6 CFM @ 120 PSI	780 lbs.	027-0230

¹Miller Spectrum 125C includes a built-in air compressor.

²Hypertherm MAX200 features a dual gas system for cutting and shield gas—uses air, O₂, N₂, CO₂, or Ar-H₂ in any combination.

FUME EXTRACTORS are portable units ideal for contractors, maintenance or light manufacturing for high vacuum weld fume extraction. (Cat-Class 027-0550)

- Filter Media 16 ft.2 (1.49 m2)
- Accu-Rated™ Airflow 132 CFM (62 L/sec.)
- Sound Level 68.5 dBA at 5 ft. (1.5 m)
- Motor Specifications 1 HP
- Input Power 115 VAC, 1-Phase, 60 Hz at 11 A
- Dimensions H: 23 in. (584 mm) | W: 12 in. (305 mm) | D: 12 in. (305 mm)
- Net Weight 46 lb. (21 kg)



Miller Filtair® 130



WELDING & PLASMA CUTTING EQUIPMENT

PIPE FABRICATION EQUIPMENT

PIPE STANDS provide support and stability during pipe fabrication and welding, plus the optimum working height.

- Pro Jack models are available with Vee, Steel Roller, or Ball Transfer heads and accommodate up to 24" diameter pipe. They feature fast height positioning plus a large handle fine adjustment control.
- Adjust-A-Roll and Pro Roll models accommodate up to 48" diameter pipe. Pro Roll stands feature adjustable height and leveling on either side of stand.
- Max Jax stands accommodate up to 40" diameter pipe and include 8" casters with quick-action brakes for added versatility. 12" vee head and heavy-duty four-legged design provide added safety.



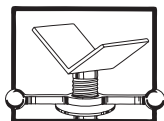
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Vee Head



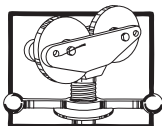
Pro Roll
Roller Head



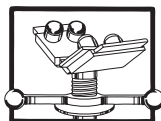
Max Jax
Large Vee Head



Vee Head



Steel Roller
Head



Ball Transfer
Head



Make	Model	Type	Capacity	Work Height	Applications	Weight	Cat-Class
Sumner	Pro Jack ST-871	Vee Head	2,000 lbs.	28"-49"	General welding of pipe, shapes, solids and rounds	22 lbs.	074-1125
Sumner	Pro Jack ST-872	Steel Roller	2,000 lbs.	28"-49"	Welding of pipe and rounds	25 lbs.	074-1140
Sumner	Pro Jack ST-876	Ball Transfer	2,000 lbs.	28"-49"	Rotation of pipe or tubing in all directions	28 lbs.	074-1155
Sumner	Pro Roll	Roller Head	2,000 lbs.	29"-43"	Welding pipe up to 48" diameter	44 lbs.	074-1170
Sumner	Adjust-A-Roll	Roller Head	2,000 lbs.	24"	Welding pipe up to 48" diameter	29 lbs.	074-1170
Sumner	Max Jax	Large Vee Head	2,500 lbs.	31"-43"	Welding and transporting pipe up to 40" diameter	121 lbs.	074-1185

Note: Pipe stands are utilized in pairs—the above specifications represent one stand.



PIPE BEVELERS are ideal for beveling pipe sections in preparation for butt welding. They provide precision cutting using standard oxy-acetylene torches, saving considerable time compared to hand cutting. Includes a precision saddle and ring gear, a cuboid spacer system, an adjustable torch holder and a boomer strap eye assembly.



Pipe Beveler

Pipe Capacity*	Weight	Cat-Class
2"-4"	10 lbs.	028-0050
3"-8"	18 lbs.	028-0060
7"-12"	27 lbs.	028-0070
14"-20"	55 lbs.	028-0080
20"-26"	81 lbs.	028-0090
30"-36"	112 lbs.	028-0100

*Additional sizes of pipe bevelers are also available.

ROD OVENS keep welding rods dry and ready for use by providing even, continuous heat and secure storage. Two sizes of portable ovens are available plus a larger shop model. All units accommodate 18" rods and feature rugged, steel construction. 120V operation.

Rod Capacity	Temp Range	Weight	Cat-Class
10 lbs.	100-300°F	12 lbs.	028-0010
50 lbs.	100-300°F	38 lbs.	028-0020
350 lbs.	100-550°F	105 lbs.	028-0030



10 lbs.



50 lbs.



350 lbs.

WHEEL LOADERS

WHEEL LOADERS

WHEEL LOADERS feature an integrated design, matching a fuel-efficient diesel engine with a 4-speed powershift transmission for optimum performance. Rugged power trains include 4-wheel drive with torque proportioning differentials, inboard planetary final drives and hydraulic wet disc brakes.

- Excellent operator visibility, convenient controls and air-conditioned cabs help keep production high, all day long
- 40° frame articulation provides excellent maneuverability
- Forklift and root rake attachments are available
- Crawler loaders are also available (see page 96)



Case 521D 2-1/4 cu. yd. Wheel Loader



Case 621E 2-3/4 cu. yd. Wheel Loader



John Deere 544K 3 cu. yd. Wheel Loader



JCB 1-1/2 cu. yd. Wheel Loader



Make	Model	Standard Bucket	Max Dump Height	Static Tipping Load 40° Full Turn	Breakout Force	Overall Width	HP	Weight	Cat-Class
Case	521D	2-1/4 cu. yd.	8' 11"	15,833 lbs.	19,392 lbs.	8' 1"	110	22,109 lbs.	057-0005
Case	521E	2-1/4 cu. yd.	8' 11"	16,011 lbs.	19,364 lbs.	8' 4"	118	23,069 lbs.	057-0005
John Deere	444J	2-1/2 cu. yd.	8' 11"	14,330 lbs.	18,104 lbs.	8' 4"	115	23,926 lbs.	057-0005
Case	621E	2-3/4 cu. yd.	9' 4"	20,126 lbs.	24,813 lbs.	8' 6"	136	26,406 lbs.	057-0006
Case	621D	2-3/4 cu. yd.	9' 1"	19,590 lbs.	24,813 lbs.	8' 6"	136	26,083 lbs.	057-0006
John Deere	544J	3 cu. yd.	9' 2"	17,470 lbs.	21,372 lbs.	8' 4"	145	28,625 lbs.	057-0006
John Deere	544K	3 cu. yd.	9' 1"	20,898 lbs.	23,951 lbs.	8' 10"	163	28,621 lbs.	057-0006
Case	821C	3-1/2 cu. yd.	9' 6"	17,699 lbs.	28,081 lbs.	9' 1"	187	37,901 lbs.	057-0100

WOOD & BRUSH CHIPPERS

COMPACT WHEEL LOADERS, WOOD & BRUSH CHIPPERS

COMPACT WHEEL LOADERS are ideal for moving stockpiled materials and performing many cleanup and utility applications. They feature hydrostatic transmissions with dynamic braking for quick response and precision control.

- Compact dimensions allow operation in narrow corridors
- 4-wheel drive and 40° frame articulation provide excellent traction and maneuverability
- Accommodates pallet forks and other attachments



JCB 406 1 cu. yd. Compact Wheel Loader



Make	Model	Standard Bucket	Max Dump Height	Overall Dimensions	HP	Weight	Cat-Class
JCB	406	1 cu. yd.	98"	16' 10"L x 75"W x 98"H	62	10,870 lbs.	057-0003
JCB	407 ZX	1 cu. yd.	98"	16' 10"L x 75"W x 98"H	75	10,385 lbs.	057-0003

WOOD & BRUSH CHIPPERS are ideal for reducing limbs and brush into fine wood chips that is suitable for use in landscaping applications. All models feature 2-wheel trailer mountings for easy towing.

- MacKissic models are combination shredder/chippers with separate shredding hoppers for small diameter material
- Vermeer Disc-Style chippers feature heavy-duty cutting wheels for dependable operation, plus an AutoFeed system for safety and consistent production
- Vermeer BC1000XL is a drum-style chipper that utilizes two reversible knives to provide smooth material flow and minimize binding with fibrous material such as vines and palm fronds



Vermeer BC600XL 6" 27 HP Gas Chipper



Vermeer BC1000XL 12" 85 HP Diesel Chipper



Make	Model	Chipper Capacity	Engine	Feed Opening	Cutter Type	Feed Rate	Weight	Cat-Class
Vermeer	BC600XL	6"	Kohler 27 HP gas	6" x 6"	Disc	0-230 FPM	1,900 lbs.	039-0050
Vermeer	BC625A	6"	Kohler 25 HP gas	6" x 6"	Disc	165-230 FPM	1,740 lbs.	039-0050
Vermeer	BC935	9"	Deutz 41 HP diesel	9" x 9"	Disc	0-143 FPM	3,660 lbs.	039-0055
Vermeer	BC1000XL	12"	Cummins 85 HP diesel	12" x 17"	Drum	0-105 FPM	4,210 lbs.	039-0060

RENTAL ACCESSORIES & SUPPLIES

ABRASIVES



Sanding Sheets

Sanding Discs

Sanding Discs



Floor Pads

Rubbing Bricks

Grinding Stones

AIR SCRUBBER FILTERS & DUCT



Filters

Ducts

DIAMOND & ABRASIVE BLADES



Diamond Blades

Abrasive Blades

DIAMOND CORE BITS



Dry Drilling Bits

Wet Drilling Bits

FIRST AID KITS

GRAINGER
FOR THE ONES WHO GET IT DONE



FLOOR & CARPET SOLUTIONS

SHIP
CLEANING SYSTEMS

Nomeo



FLOOR & SURFACE PREP TOOLS

EDCO **Husqvarna**

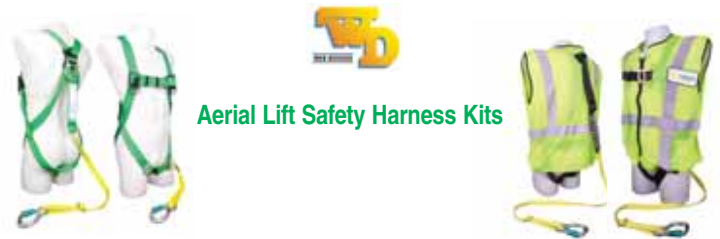


RENTAL ACCESSORIES & SUPPLIES

FUEL CANS



SAFETY HARNESS KITS



Aerial Lift Safety Harness Kits

HOSE



Air Hose

Pump Hose

SAFETY PRODUCTS



Safety Glasses

Hard Hats

PAINT



Water- or Solvent-based Marking Paint



Safety Vests

Respirators

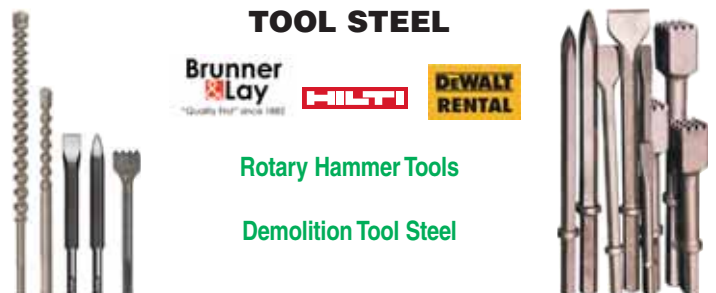
PRESSURE WASHER SUPPLIES



Chemicals

Accessories

TOOL STEEL



Rotary Hammer Tools

Demolition Tool Steel

SAFETY & WORK APPAREL



Gloves

Over Boots

Rain Suits

TOWING SUPPLIES



LOCATION DIRECTORY

Specialty Key:

AWP=Aerial Work Platforms **CC**=Climate Control Services **FS**=Flooring Solutions **GT**=General Tool **IS**=Industrial Services **Lowe's**=Sunbelt Rentals at Lowe's
O&G=Oil & Gas Services **PD**=Pile Driving Services **P&P**=Pump & Power Services **SS**=Scaffold Services **TS**=Traffic Safety

ALABAMA

Alabama
Pump & Power **P&P**
 Branch #095
 3000 B Pinson Valley Pkwy
 Birmingham, AL 35217
 Phone: 205-251-2563
 Fax: 205-251-2503

Andalusia **GT**
 Branch #299
 1802 Dr. MLK Jr. Expy
 Andalusia, AL 36420
 Phone: 334-427-1777
 Fax: 334-427-1444

Birmingham **GT**
 Branch #076
 4132 Trax Dr.
 Birmingham, AL 35207
 Phone: 205-320-1117
 Fax: 205-251-2503

Birmingham **GT**
 Branch #253
 2613 2nd Ave. S
 Birmingham, AL 35233
 Phone: 205-322-8192
 Fax: 205-801-9131

Birmingham **CC**
Climate Control
 Branch #254
 4132 Trax Dr.
 Birmingham, AL 35207
 Phone: 800-892-8677
 Fax: 205-815-6401

Birmingham **SS**
Scaffolding
 Branch #062
 1627 19th St. N
 Bessemer, AL 35020
 Phone: 205-425-0042
 Fax: 205-425-0775

Decatur **GT**
 Branch #133
 1308 State Docks Rd.
 Decatur, AL 35601
 Phone: 256-355-4770
 Fax: 256-355-4781

Madison
 Branch #043
 109 W Dublin Dr.
 Madison, AL 35758
 Phone: 256-724-3834
 Fax: 256-724-3835

Mobile **GT**
 Branch #015
 5905 Rangeline Rd.
 Theodore, AL 36582
 Phone: 251-408-0800
 Fax: 251-408-0804

Mobile **CC**
Climate Control
 Branch #456
 3485 Hurricane Bay Dr.
 Theodore, AL 36582
 Phone: 800-892-8677
 Fax: 251-443-6125

Mobile **IS**
Industrial Services
 Branch #570
 6065-B Rangeline Rd.
 Theodore, AL 36582
 Phone: 251-408-0807
 Fax: 251-408-0887

Mobile **P&P**
Pump & Power
 Branch #107
 3465 Hurricane Bay Dr.
 Theodore, AL 36582
 Phone: 251-443-7248
 Fax: 251-443-7338

Mobile **SS**
Scaffolding
 Branch #196
 5776 Larue Steiner Rd.
 Theodore, AL 36582
 Phone: 251-706-0130
 Fax: 251-706-0129

Mobile **SS**
Scaffolding
 Branch #591
 4505 Halls Mill Rd.
 Mobile, AL 36693
 Phone: 251-661-3441
 Fax: 251-662-3442

GT **Montgomery**
 Branch #257
 4223 Troy Hwy
 Montgomery, AL 36116
 Phone: 334-284-8354
 Fax: 334-288-8237

GT **Pelham**
 Branch #013
 160 Commerce Dr.
 Pelham, AL 35124
 Phone: 205-664-9500
 Fax: 205-664-0001

CC **Trussville** **Lowe's**
 Branch #623
 1887 Edwards Lake Rd.
 Birmingham, AL 35235
 Phone: 205-655-0800
 Fax: 205-655-2561

Tuscaloosa **GT**
 Branch #501
 5100 Old Greensboro Rd.
 Tuscaloosa, AL 35405
 Phone: 205-758-2749
 Fax: 205-758-2745

ARIZONA

Chandler **GT**
 Branch #119
 590 E Pecos Rd.
 Chandler, AZ 85225
 Phone: 480-855-1397
 Fax: 480-296-2135

Deer Valley **GT**
 Branch #358
 2202 W Melinda Ln.
 Phoenix, AZ 85027
 Phone: 623-587-1488
 Fax: 623-587-1489

Phoenix **GT**
 Branch #523
 4105 West Indian School Rd.
 Phoenix, AZ 85019
 Phone: 602-269-3251
 Fax: 602-269-3175

GT **Phoenix**
Climate Control
 Branch #737
 3801 E Roeser Rd. #11
 Phoenix, AZ 85040
 Phone: 800-892-8677
 Fax: 602-863-2461

Phoenix **P&P**
Pump & Power
 Branch #786
 5714 51st Ave.
 Glendale, AZ 85301
 Phone: 623-888-3838
 Fax: 623-888-3839

Tempe **GT**
 Branch #332
 2066 E University Dr.
 Tempe, AZ 85281
 Phone: 480-968-5591
 Fax: 480-968-8861

Tucson **GT**
 Branch #554
 930 E Fort Lowell Rd.
 Tucson, AZ 85719
 Phone: 520-624-6601
 Fax: 520-791-2240

ARKANSAS

Little Rock **GT**
 Branch #796
 11618 Otter Creek Rd. S
 Mabelvale, AR 72103
 Phone: 501-455-6223
 Fax: 501-455-6319

NW Arkansas **GT**
 Branch #795
 2510 W Hudson Rd.
 Rogers, AR 72756
 Phone: 479-986-8724
 Fax: 479-986-9824

CC CALIFORNIA

Bakersfield **GT**
 Branch #382
 4000 Saco Rd.
 Bakersfield, CA 93308
 Phone: 661-392-8787
 Fax: 661-392-8730

Bakersfield **GT**
 Branch #663
 34921 Petrol Rd.
 Bakersfield, CA 93308
 Phone: 661-587-0500

Camarillo **GT**
 Branch #664
 210 N Wood Rd.
 Camarillo, CA 93010
 Phone: 805-484-0501

Ceres **GT**
 Branch #331
 3131 Roeding Rd.
 Ceres, CA 95307
 Phone: 209-900-6999
 Fax: 209-900-6998

Ceres **CC**
Climate Control
 Branch #469
 3131 Roeding Rd.
 Ceres, CA 95307
 Phone: 800-892-8677
 Fax: 610-459-3822

Chino **GT**
 Branch #551
 13644 Central Ave.
 Chino, CA 91710
 Phone: 909-465-1140
 Fax: 909-465-9258

City of Industry **GT**
 Branch #549
 13628 Valley Blvd.
 City of Industry, CA 91746
 Phone: 626-961-3511
 Fax: 626-961-3501

LOCATION DIRECTORY

Specialty Key:

AWP=Aerial Work Platforms CC=Climate Control Services FS=Flooring Solutions GT=General Tool IS=Industrial Services Lowe's=Sunbelt Rentals at Lowe's
O&G=Oil & Gas Services PD=Pipe Driving Services P&P=Pump & Power Services SS=Scaffold Services TS=Traffic Safety

El Cajon Branch #526 1114 N Magnolia Ave. El Cajon, CA 92020 Phone: 619-562-3841 Fax: 619-442-8178	GT	Lompoc Branch #383 417 N 8th St. Lompoc, CA 93436 Phone: 805-735-3446 Fax: 805-735-6588	GT	Northridge Branch #379 18251 Napa St. Northridge, CA 91325 Phone: 818-996-7100 Fax: 818-701-9113	GT	Roseville Branch #502 10005 Allantown Dr. Roseville, CA 95678 Phone: 916-789-1234 Fax: 916-789-7077	GT	San Francisco Branch #506 2065 Oakdale Ave. San Francisco, CA 94124 Phone: 415-549-5800 Fax: 415-549-5801	GT
Escondido Branch #396 1818 Mission Rd. Escondido, CA 92029 Phone: 760-705-3810 Fax: 760-705-3811	GT	Long Beach Branch #799 3333 E 69th St. Long Beach, CA 90805 Phone: 562-415-2121 Fax: 562-415-2122	GT	Oakland Branch #574 2091 Williams St. San Leandro, CA 94577 Phone: 510-394-6206 Fax: 510-394-6205	GT	Sacramento Climate Control Branch #735 4480 Yankee Hill Rd. Rocklin, CA 95677 Phone: 800-892-8677 Fax: 916-624-7332	CC	San Francisco Industrial Services Branch #333 1674 Delta Ct. Hayward, CA 94544 Phone: 510-431-6350 Fax: 510-431-6351	IS
Fowler Branch #381 4700 E Clayton Ave. Fowler, CA 93625 Phone: 559-834-6400 Fax: 559-834-1655	GT	Los Angeles Branch #334 3311 N San Fernando Rd. Los Angeles, CA 90065 Phone: 323-255-0916 Fax: 323-255-2187	GT	Orange County Climate Control Branch #734 1381 N Kraemer Blvd. Anaheim, CA 92806 Phone: 800-892-8677 Fax: 949-361-5320	CC	Sacramento Pump & Power Branch #216 4635 Power Inn Rd. Sacramento, CA 95826 Phone: 916-210-8282 Fax: 916-210-8280	P&P	San Francisco Climate Control Branch #732 37300 Central Ct. Newark, CA 94560 Phone: 800-892-8677 Fax: 510-713-3311	CC
Gilroy Branch #798 8595 Monterey Rd. Gilroy, CA 95020 Phone: 408-427-0922 Fax: 408-427-0923	GT	Los Angeles Climate Control Branch #733 20410 Gramercy Pl. Torrance, CA 90501 Phone: 800-892-8677 Fax: 310-320-9870	CC	Orange Branch #335 1170 N Main St. Orange, CA 92867 Phone: 714-994-6360 Fax: 714-994-7512	GT	Salinas Branch #376 21915 Rosehart Way Salinas, CA 93908 Phone: 1-800-667-9328	GT OPENING SOON	San Francisco Flooring Solutions Branch #645 1674 Delta Ct. Hayward, CA 94544 Phone: 510-431-6366 Fax: 510-431-6364	FS
Glendale Branch #632 4311 San Fernando Rd. Glendale, CA 91204 Phone: 818-242-3129 Fax: 818-548-0349	GT	Los Angeles Entertainment Services Branch # 631 526 W Chevy Chase Dr. Glendale, CA 91204 Phone: 818-254-4525 Fax: 818-254-4524	GT	Palmdale Branch #380 38860 Sierra Hwy Palmdale, CA 93550 Phone: 661-947-4131 Fax: 661-947-3048	GT	San Diego Branch #530 3860 Sherman St. San Diego, CA 92110 Phone: 619-298-9846 Fax: 619-298-2218	GT	San Francisco Pump & Power Branch #577 2575 Williams St. San Leandro, CA 94577 Phone: 510-621-0015 Fax: 510-621-0016	P&P
Imperial Branch #527 2396 US Hwy 86 Imperial, CA 92251 Phone: 760-353-0190 Fax: 760-353-9832	GT	Los Angeles Flooring Solutions Branch #647 13281 Barton Cir Whittier, CA 90605 Phone: 562-968-1288 Fax: 562-968-1289	FS NOW OPEN	Richmond Branch #397 2800 Goodrick Ave. Richmond, CA 94801 Phone: 510-621-0002 Fax: 510-621-0003	GT	San Diego Climate Control Branch # 473 245 Pauma Pl. Escondido, CA 92029 Phone: 800-892-8677 Fax: 760-871-2157	CC	San Jose Branch #353 2101 Alum Rock Ave. San Jose, CA 95116 Phone: 408-791-3600 Fax: 408-791-3605	GT
Lake Elsinore Branch #070 33600 Mission Trl Wildomar, CA 92595 Phone: 951-253-8040 Fax: 951-253-8039	GT NOW OPEN	Los Angeles Pump & Power Branch #388 14861 Artesia Blvd. La Mirada, CA 90638 Phone: 714-923-1890 Fax: 714-923-1891	P&P	Riverside Branch #529 3275 Columbia Ave. Riverside, CA 92501 Phone: 951-682-6823 Fax: 951-682-3225	GT	San Diego Pump & Power Branch #146 3860 Sherman St. San Diego, CA 92110 Phone: 619-574-1908 Fax: 619-298-9732	P&P	San Luis Obispo Branch #665 1251 Prospect St. San Luis Obispo, CA 93401 Phone: 805-541-0500	GT NOW OPEN
Livermore Branch #517 4977 Southfront Rd. Livermore, CA 94551 Phone: 925-455-5710 Fax: 925-443-3579	GT								

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O&G=Oil & Gas Services **PD**=Pile Driving Services **P&P**=Pump & Power Services **SS**=Scaffold Services **TS**=Traffic Safety

Ventura North
 Branch #763
 320 W Stanley Ave.
 Ventura, CA 93001
 Phone: 805-643-0996

GT

Ventura South
 Branch #762
 3072 Telegraph Rd.
 Ventura, CA 93003
 Phone: 805-648-2819
 Fax: 805-648-2824

GT

Sacramento
 Branch #338
 3751 Commerce Dr.
 W Sacramento, CA 95691
 Phone: 916-372-2555
 Fax: 916-372-1678

GT

COLORADO

Boulder
 Branch #541
 5401 Pearl Pkwy
 Boulder, CO 80301
 Phone: 303-449-2050
 Fax: 303-417-1531

GT

Centennial
 Branch #192
 6790 S Dawson Cir
 Centennial, CO 80112
 Phone: 303-209-2100
 Fax: 303-209-2101

GT

Colorado Springs
 Branch #337
 5525 E Platte Ave.
 Colorado Springs, CO 80916
 Phone: 719-799-6390
 Fax: 719-799-6396

GT

Denver
 Branch #543
 3975 York St.
 Denver, CO 80205
 Phone: 303-404-2050
 Fax: 303-460-7425

GT

Denver
Climate Control
 Branch #746
 730 S Jason St.
 Denver, CO 80223
 Phone: 800-892-8677
 Fax: 303-352-0019

CC

Denver
Pump & Power
 Branch #580
 12055 N Perry St.
 Broomfield, CO 80020
 Phone: 720-887-7473
 Fax: 720-887-6035

P&P

Littleton
 Branch #395
 13109 US Highway 85 N
 Littleton, CO 80125
 Phone: 720-213-0222
 Fax: 720-213-0221

GT

Stratford
 Branch #769
 85 Mead St.
 Stratford, CT 06615
 Phone: 203-377-5812
 Fax: 203-377-3598

GT

DELAWARE

Delmar
 Branch #547
 36412 Sussex Hwy
 Delmar, DE 19940
 Phone: 302-907-1921
 Fax: 302-907-1922

GT

Dover
 Branch #243
 724 S. West St.
 Dover, DE 19904
 Phone: 302-674-1177
 Fax: 302-674-8485

GT

New Castle
 Branch #585
 454 Pulaski Hwy
 New Castle, DE 19720
 Phone: 302-669-0595
 Fax: 302-669-0596

GT

CONNECTICUT

Hartford
Climate Control
 Branch #451
 10 Southwood Dr.
 Bloomfield, CT 06002
 Phone: 800-892-8677
 Fax: 860-242-9119

CC

Hartford
 Branch #509
 265 Murphy Rd.
 Hartford, CT 06114
 Phone: 860-665-1489
 Fax: 860-878-6803

GT

Hartford
Pump & Power
 Branch #775
 2258 Berlin Tpke
 Newington, CT 06111
 Phone: 866-264-7773
 Fax: 860-656-0748

P&P

DISTRICT OF COLUMBIA

Washington, DC
 Branch #179
 3031 8th St. NE
 Washington, DC 20017
 Phone: 202-529-4667
 Fax: 202-529-8966

GT

Washington, DC
Climate Control
 Branch #421
 9237 Hampton Overlook
 Capitol Heights, MD 20743
 Phone: 800-892-8677
 Fax: 301-317-1733

CC

FLORIDA

Boca Raton
 Branch #113
 114 NW 20th St.
 Boca Raton, FL 33431
 Phone: 561-391-3601
 Fax: 561-347-8834

GT

Florida
Pump & Power
 Branch #550
 9101 B Parkers Lndg
 Orlando, FL 32824
 Phone: 407-816-8188
 Fax: 407-816-9643

P&P

Florida City
 Branch #249
 1450 NE 1st Ave.
 Florida City, FL 33034
 Phone: 305-246-4229
 Fax: 305-246-9435

GT

Fort Lauderdale
 Branch #507
 2700 S Federal Hwy
 Fort Lauderdale, FL 33316
 Phone: 954-527-4007
 Fax: 954-527-1663

GT

Fort Myers
 Branch #078
 12770 Metro Pkwy
 Fort Myers, FL 33966
 Phone: 239-768-3636
 Fax: 239-768-3747

GT

Fort Pierce
 Branch #536
 2633 South US Hwy 1
 Fort Pierce, FL 34982
 Phone: 772-409-1760
 Fax: 772-409-1761

GT

Fort Walton Beach **Lowe's**
 Branch #646
 772 Beal Pkwy
 Fort Walton Beach, FL 32547
 Phone: 850-862-3406
 Fax: 850-862-8462

Jacksonville
 Branch #007
 5415 Philips Hwy
 Jacksonville, FL 32207
 Phone: 904-443-2955
 Fax: 904-443-0020

GT

Jacksonville
Climate Control
 Branch #460
 9655 Florida Mining Blvd. W
 Jacksonville, FL 32257
 Phone: 800-892-8677

CC

Jacksonville
Industrial Services
 Branch #221
 933 Blanding Blvd.
 Orange Park, FL 32065
 Phone: 904-458-0202
 Fax: 904-458-0201

IS

Jacksonville
Scaffolding
 Branch #071
 301 Zoo Pkwy
 Jacksonville, FL 32226
 Phone: 904-751-7305
 Fax: 904-751-9864

SS

Key West
 Branch #352
 5565 Second Ave.
 Stock Island, FL 33040
 Phone: 305-296-2617
 Fax: 305-296-2619

GT

Lake Fairview
 Branch #041
 4180 N Orange Blossom Trl
 Orlando, FL 32804
 Phone: 407-578-2400
 Fax: 407-578-2833

GT

Marathon
 Branch #300
 7603 Overseas Hwy
 Marathon, FL 33050
 Phone: 305-743-6000
 Fax: 305-743-0847

GT

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Miami Branch #019 6550 NW 77th Ct. Miami-Dade, FL 33166 Phone: 305-470-9277 Fax: 305-470-9276	GT	North Jacksonville Branch #061 11004 Blasius Rd. Jacksonville, FL 32226 Phone: 904-751-5992 Fax: 904-757-7484	GT	Orlando Climate Control Branch #485 9101 B Parkers Lndg Orlando, FL 32824 Phone: 800-892-8677 Fax: 407-246-1136	CC	Pembroke Pines Branch #080 21100 Sheridan St. Fort Lauderdale, FL 33332 Phone: 954-447-3365 Fax: 954-322-2475	GT	South Florida Flooring Solutions Branch #634 11280 Interchange Circle N Miramar, FL 33025 Phone: 754-260-6755 Fax: 754-260-6754	FS
Miami Climate Control Branch #483 999 Eller Dr. Fort Lauderdale, FL 33316 Phone: 800-892-8677 Fax: 954-316-6010	CC	North Jacksonville Branch #248 14925 N Main St. Jacksonville, FL 32218 Phone: 904-383-3777 Fax: 904-383-3778	GT	Orlando Pump & Power Branch #096 9101 B Parkers Lndg Orlando, FL 32824 Phone: 407-816-8188 Fax: 407-816-9643	P&P	Pensacola Branch #267 6802 Pensacola Blvd. Pensacola, FL 32505 Phone: 850-477-6033 Fax: 850-475-2602	GT	South Florida Pump & Power Branch #091 3701 NW 120th Ave. Coral Springs, FL 33065 Phone: 954-577-9429 Fax: 954-703-3260	P&P
Miami South Beach Branch #115 65 NE 27th St. Miami, FL 33137 Phone: 786-594-4480 Fax: 786-594-4490	GT	Ocala Branch #252 3031 NW Blitchton Rd. Ocala, FL 34475 Phone: 352-369-9101 Fax: 352-369-6419	GT	Orlando Flooring Solutions Branch #611 10812 Satellite Blvd. Orlando, FL 32837 Phone: 321-206-3066 Fax: 321-206-3865	FS	Pinellas Park Branch #123 6390 US Hwy 19 N Pinellas Park, FL 33781 Phone: 727-526-9133 Fax: 727-362-0390	GT	South Florida Scaffolding Branch #079 1001 NW 58th Ct. Fort Lauderdale, FL 33309 Phone: 954-757-0531 Fax: 954-752-8144	SS
Naples Branch #226 2600 Davis Blvd. Naples, FL 34104 Phone: 239-774-7117 Fax: 239-774-4218	GT	Oldsmar Branch #014 351 Commerce Blvd. Oldsmar, FL 34677 Phone: 813-854-4555 Fax: 813-854-3915	GT	Orlando Scaffolding Branch #067 600 E Landstreet Rd. Orlando, FL 32824 Phone: 407-251-4313 Fax: 407-251-9819	SS	Port Charlotte Branch #225 20200 Veterans Blvd. Port Charlotte, FL 33952 Phone: 941-743-4323 Fax: 941-743-4429	GT	St. Augustine Branch #245 2360 US Hwy 1 S St. Augustine, FL 32086 Phone: 904-829-5538 Fax: 904-824-5288	GT
Niceville Branch #268 1060 John Sims Pkwy E Niceville, FL 32578 Phone: 850-678-1240 Fax: 850-729-7661	GT	Orange Park Branch #059 933 Blanding Blvd. Orange Park, FL 32065 Phone: 904-272-6352 Fax: 904-272-1996	GT	Orlando Traffic Safety Branch #012 1272 Jetport Dr. Orlando, FL 32809 Phone: 800-546-2050 Fax: 407-855-8002	TS	Sanford Branch #031 3219 S Orlando Dr. Sanford, FL 32773 Phone: 407-323-7774 Fax: 407-324-3524	GT	Tallahassee Branch #073 2800 W Tennessee St. Tallahassee, FL 32304 Phone: 850-241-0660 Fax: 850-241-0661	GT
North Florida Pump & Power Branch #053 11000 Blasius Rd. Jacksonville, FL 32226 Phone: 904-696-9000 Fax: 904-696-9051	P&P	Orlando Branch #012 1272 Jetport Dr. Orlando, FL 32809 Phone: 407-855-0050 Fax: 407-855-8002	GT	Palatka Branch #244 3523 Reid St. Palatka, FL 32177 Phone: 386-643-6010 Fax: 386-643-6011	GT 	Sarasota Branch #224 7580 15th St. E Sarasota, FL 34243 Phone: 941-351-1137 Fax: 941-351-7189	GT	Tampa Branch #017 8406 E Dr. Martin Luther King Jr. Blvd. Tampa, FL 33610 Phone: 813-664-8581 Fax: 813-246-5444	GT
North Fort Lauderdale Branch #032 500 West Prospect Rd. Oakland Park, FL 33309 Phone: 954-791-8001 Fax: 954-791-4818	GT	Orlando AWP Branch #077 600 E Landstreet Rd. Orlando, FL 32824 Phone: 407-251-4313 Fax: 407-251-9899	AWP	Panama City Branch #269 1046 W 23rd St. Panama City, FL 32405 Phone: 850-872-9226 Fax: 850-691-0709	GT	South Florida AWP Branch #065 6580 W State Rd. 84 Davie, FL 33317 Phone: 954-753-7556 Fax: 954-753-4336	AWP	Tampa Climate Control Branch #488 5449 N 59th St. Tampa, FL 33610 Phone: 800-892-8677 Fax: 813-438-5900	CC

LOCATION DIRECTORY

Specialty Key:

AWP=Aerial Work Platforms **CC**=Climate Control Services **FS**=Flooring Solutions **GT**=General Tool **IS**=Industrial Services **Lowe's**=Sunbelt Rentals at Lowe's
O&G=Oil & Gas Services **PD**=Pile Driving Services **P&P**=Pump & Power Services **SS**=Scaffold Services **TS**=Traffic Safety

Tampa Industrial Services Branch #311 1865 Massaro Blvd. Tampa, FL 33619 Phone: 727-322-7301 Fax: 727-322-7302	IS	Alpharetta Branch #639 10580 Duke Dr. Alpharetta, GA 30009 Phone: 678-352-9953 Fax: 678-352-9780	Lowe's	Atlanta Mid-Town Branch #055 1450 Howell Mill Rd. NW Atlanta, GA 30318 Phone: 404-367-0604 Fax: 404-367-9074	GT	Duluth Branch #004 3885 Buford Hwy Duluth, GA 30096 Phone: 770-476-5778 Fax: 770-476-4170	GT	Warner Robins Branch #086 2069 Watson Blvd. Warner Robins, GA 31093 Phone: 478-923-8451 Fax: 478-923-9487	GT
Tampa Pump & Power Branch #048 8417 Palm River Rd. Tampa, FL 33619 Phone: 813-247-4800 Fax: 813-247-5988	P&P	Athens Branch #239 4645 Atlanta Hwy Athens, GA 30606 Phone: 706-548-7588 Fax: 706-548-7589	GT	Atlanta Pump & Power Branch #030 1540 Iris Dr. SW Conyers, GA 30094 Phone: 678-342-9869 Fax: 678-342-9871	P&P	Jonesboro Branch #016 7445 Jonesboro Rd. Jonesboro, GA 30236 Phone: 770-472-3388 Fax: 770-472-1722	GT	HAWAII Kauai Branch #684 3-4051 Kuhio Hwy Lihue, HI 96766 Phone: 808-246-3900	GT
Tampa Scaffolding Branch #084 8419 Palm River Rd. Tampa, FL 33619 Phone: 813-621-3500 Fax: 813-623-6290	SS	Atlanta AWP Branch #068 725 Ralph McGill Blvd. NE Atlanta, GA 30312 Phone: 404-525-1919 Fax: 404-524-3509	AWP	Atlanta Scaffolding Branch #069 723 Ralph McGill Blvd. NE Atlanta, GA 30312 Phone: 404-523-5962 Fax: 404-523-2186	SS	Kennesaw Branch #010 2390 Cobb Pkwy NW Kennesaw, GA 30152 Phone: 770-426-9370 Fax: 770-795-9211	GT		
West Jacksonville Branch #060 7102 Normandy Blvd. Jacksonville, FL 32205 Phone: 904-781-4156 Fax: 904-781-4157	GT	Atlanta Climate Control Branch #487 6110 Northbelt Pkwy Norcross, GA 30071 Phone: 800-892-8677 Fax: 770-447-8010	CC	Augusta Branch #085 2530 Peach Orchard Rd. Augusta, GA 30906 Phone: 706-772-4859 Fax: 706-772-9997	GT	Lake Lanier Branch #024 5290 Lake Pointe Center Dr. Cumming, GA 30041 Phone: 770-887-9966 Fax: 770-887-1411	GT		
West Palm Beach Branch #090 5770 N Military Trl West Palm Beach, FL 33407 Phone: 561-682-9888 Fax: 561-712-9780	GT	Atlanta Entertainment Services Branch #246 16C Overmeyer Way Forest Park, GA 30297 Phone: 404-649-6070	GT	Brunswick Branch #045 135 Key Circle Dr. Brunswick, GA 31520 Phone: 912-267-1136 Fax: 912-267-6556	GT	Savannah Branch #018 510 Bourne Ave. Garden City, GA 31408 Phone: 912-966-0696 Fax: 912-966-9860	GT	Maui Branch #693 390 Papa Place, Unit A Kahului, HI 96732 Phone: 808-873-2100	GT
Winter Garden Branch #050 1081 9th St. Winter Garden, FL 34787 Phone: 407-654-9516 Fax: 407-654-0145	GT	Atlanta Flooring Solutions Branch #605 16C Overmeyer Way Forest Park, GA 30297 Phone: 404-460-1333 Fax: 404-460-1334	FS	Chamblee Branch #700 4950 Peachtree Industrial Blvd. Chamblee, GA 30341 Phone: 678-547-9955 Fax: 678-547-9501	Lowe's	Snellville Branch #674 1615 Scenic Hwy N Snellville, GA 30078 Phone: 678-344-6466 Fax: 770-736-1316	Lowe's	IDAHO Boise Branch #329 483 E Franklin Rd. Meridian, ID 83642 Phone: 208-401-3131 Fax: 208-401-3132	GT
GEORGIA		Atlanta Industrial Services Branch #117 16C Overmeyer Way Forest Park, GA 30297 Phone: 678-460-4200 Fax: 770-795-9211	IS	Columbus Branch #562 3250 Williams Rd. Columbus, GA 31909 Phone: 762-207-1372 Fax: 762-207-1377	GT	Suwanee Branch #640 3582 Peachtree Pkwy Suwanee, GA 30024 Phone: 678-957-1171 Fax: 678-957-1172	Lowe's		
	Albany Branch #298 729 S Westover Blvd. Albany, GA 31707 Phone: 229-405-6878 Fax: 229-405-6885	GT			Covington Branch #037 340 Old Oxford Rd. Covington, GA 30014 Phone: 770-788-0202 Fax: 770-788-0203	GT	Valdosta Branch #118 2000 E Hill Ave. Valdosta, GA 31601 Phone: 229-588-7095 Fax: 229-588-7108		GT

GEORGIA

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Post Falls
Branch #124
573 N Idahline Rd.
Post Falls, ID 83854
Phone: 208-777-4585
Fax: 208-777-4583

Chicago
Flooring Solutions
Branch #604
3701 N 25th Ave.
Schiller Park, IL 60176
Phone: 847-737-0204
Fax: 847-737-0203

Granite City
Branch #307
1081 Geil Dr.
Granite City, IL 62040
Phone: 618-931-4284
Fax: 618-931-4392

Clarksville
Branch #140
1634 Broadway St.
Clarksville, IN 47129
Phone: 812-284-5268
Fax: 812-284-5269

Indianapolis
Branch #642
8850 Madison Ave.
Indianapolis, IN 46227
Phone: 317-889-2014
Fax: 317-889-2017

ILLINOIS

Aurora
Branch #186
2605 Beverly Dr.
Aurora, IL 60502
Phone: 630-236-0386
Fax: 630-236-0563

Chicago Industrial Services
Branch #378
2211 Oak Leaf St.
Joliet, IL 60436
Phone: 815-521-4103
Fax: 815-521-9896

Joliet
Branch #308
2433 Reeves Rd.
Joliet, IL 60436
Phone: 815-730-8000
Fax: 815-730-8128

Columbus
Branch #222
3069 N National Rd.
Columbus, IN 47201
Phone: 812-372-3377
Fax: 812-372-3183

Indianapolis Climate Control
Branch #463
1810 S Lynhurst Dr.
Indianapolis, IN 46241
Phone: 800-892-8677

Bloomington
Branch #306
1302 Martin Luther King Dr.
Bloomington, IL 61701
Phone: 309-828-2030
Fax: 309-828-2132

Chicago Loop
Branch #191
2311 S Blue Island Ave.
Chicago, IL 60608
Phone: 773-254-6027
Fax: 773-475-0226

Moline
Branch #305
2221 5th Ave.
Moline, IL 61265
Phone: 309-797-2692
Fax: 309-797-4938

Evansville
Branch #314
1015 E Columbia St.
Evansville, IN 47711
Phone: 812-484-1000
Fax: 812-484-0150

Indianapolis Flooring Solutions
Branch #368
2337 Executive Dr.
Indianapolis, IN 46241
Phone: 317-612-0095
Fax: 317-481-4230

Champaign
Branch #304
1401 N Mattis Ave.
Champaign, IL 61821
Phone: 217-355-1296
Fax: 217-398-4563

Chicago Pump & Power
Branch #313
23322 S Frontage Rd. W
Channahon, IL 60410
Phone: 815-521-9895
Fax: 815-521-9896

Quincy
Branch #764
6601 Broadway St.
Quincy, IL 62305
Phone: 217-641-9980
Fax: 217-641-9981

Fishers
Branch #394
11120 Allisonville Rd.
Fishers, IN 46038
Phone: 317-849-2119
Fax: 317-576-0799

Indianapolis Pump & Power
Branch #387
11220 Allisonville Rd.
Fishers, IN 46038
Phone: 317-572-1180
Fax: 317-572-1181

Chicago
Branch #316
1907 S Busse Rd.
Mt. Prospect, IL 60056
Phone: 847-981-2700
Fax: 847-981-3700

Countryside
Branch #392
6260 Joliet Rd.
Countryside, IL 60525
Phone: 708-354-2800
Fax: 708-354-3800

Springfield
Branch #389
3040 E Ash St.
Springfield, IL 62703
Phone: 217-528-1065
Fax: 217-753-1890

Fort Wayne
Branch #223
2525 W Coliseum Blvd.
Fort Wayne, IN 46808
Phone: 260-483-5440
Fax: 260-483-5102

Kokomo
Branch #310
850 Daniel Dr.
Kokomo, IN 46901
Phone: 765-459-5331
Fax: 765-459-5338

Chicago AWP
Branch #774
679 Heartland Dr.
Sugar Grove, IL 60554
Phone: 630-466-3650
Fax: 630-466-3930

Decatur
Branch #038
3921 E Mueller Ave.
Decatur, IL 62521
Phone: 217-875-2020
Fax: 217-233-0183

St. Louis Pump & Power
Branch #371
1081 Geil Dr.
Granite City, IL 62040
Phone: 618-219-3224
Fax: 618-931-1731

Hobart
Branch #783
1951 North Wind Pkwy
Hobart, IN 46342
Phone: 219-945-5292
Fax: 219-945-5312

Lafayette
Branch #309
601 Sagamore Pkwy N
Lafayette, IN 47904
Phone: 765-446-2600
Fax: 765-446-2609

Chicago Climate Control
Branch #490
3995 Commercial Ave.
Northbrook, IL 60062
Phone: 800-892-8677
Fax: 847-981-8706

East Peoria
Branch #303
1601 N Main St.
E. Peoria, IL 61611
Phone: 309-694-6201
Fax: 309-694-3308

Bloomington
Branch #220
5092 S Production Dr.
Bloomington, IN 47403
Phone: 812-824-0650
Fax: 812-824-0649

Indianapolis
Branch #625
975-A Beachway Dr.
Indianapolis, IN 46224
Phone: 317-241-6934
Fax: 317-241-7257

Noblesville
Branch #219
18000 Cumberland Rd.
Noblesville, IN 46060
Phone: 317-773-1688
Fax: 317-770-2511



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IOWA

Burlington

Branch #139
1521 S. Roosevelt Ave.
Burlington, IA 52601
Phone: 319-208-7075
Fax: 319-754-5884

GT

Cedar Rapids

Branch #667
4650 J St. SW
Cedar Rapids, IA 52404
Phone: 319-423-6350
Fax: 319-423-6351

GT

Des Moines

Branch #198
2021 NE Broadway Ave.
Des Moines, IA 50313
Phone: 515-318-6411
Fax: 515-318-6412

GT

KANSAS

Kansas City

Branch #121
1040 Burlington St.
North Kansas City, MO 64116
Phone: 816-423-8220
Fax: 816-423-8221

GT

Kansas City Pump & Power

Branch #787
9101 Rosehill Rd.
Lenexa, KS 66215
Phone: 816-673-7970
Fax: 816-673-7971

P&P

Lenexa

Branch #779
9101 Rosehill Rd.
Lenexa, KS 66215
Phone: 913-307-0212
Fax: 913-307-0224

GT

Wichita

Branch #794
3410 W 30th St. S
Wichita, KS 67217
Phone: 316-789-7000
Fax: 316-789-70001

GT

KENTUCKY

Ashland

Branch #131
12501 Paul Coffey Blvd.
Ashland, KY 41102
Phone: 606-928-8118
Fax: 606-928-0087

GT

Bowling Green

Branch #175
3302 Industrial Dr.
Bowling Green, KY 42101
Phone: 270-938-6000
Fax: 270-938-6001

GT



Cincinnati Pump & Power

Branch #190
10060 Toeppen Dr.
Independence, KY 41051
Phone: 859-283-5544
Fax: 859-283-9263

P&P

Florence

Branch #144
370 Aristocrat Dr.
Florence, KY 41042
Phone: 859-647-9010
Fax: 859-647-9060

GT

Lexington

Branch #130
1160 E New Circle Rd.
Lexington, KY 40505
Phone: 859-233-9531
Fax: 859-231-7880

GT

Louisville

Branch #132
3505 Bashford Ave.
Louisville, KY 40218
Phone: 502-451-8387
Fax: 502-456-2910

GT

Louisville

Climate Control
Branch #670
2225 Plantside Dr.
Louisville, KY 40299
Phone: 800-892-8677
Fax: 502-493-5963

CC

Louisville Scaffolding

Branch #129
550 A Sparrow Dr.
Shepherdsville, KY 40165
Phone: 502-921-2391
Fax: 502-921-2417

SS

Paducah

Branch #617
3525 Park Ave.
Paducah, KY 42001
Phone: 270-558-6206
Fax: 270-558-6207

GT

Richmond

Branch #200
6001 Atwood Dr.
Richmond, KY 40475
Phone: 859-408-2575
Fax: 859-408-2576

GT

Shepherdsville

Branch #240
550 B Sparrow Dr.
Shepherdsville, KY 40165
Phone: 502-921-0025
Fax: 502-921-0035

GT

LOUISIANA

Baton Rouge

Branch #560
300 Wooddale Blvd.
Baton Rouge, LA 70806
Phone: 225-932-9006
Fax: 225-932-9049

GT

Baton Rouge Pump & Power

Branch #572
300 Wooddale Blvd.
Baton Rouge, LA 70806
Phone: 225-610-1293
Fax: 225-610-1299

P&P

Baton Rouge Pump & Power

Branch #534
16125 Florida Blvd.
Baton Rouge, LA 70819
Phone: 225-242-2083

P&P

Baton Rouge Climate Control

Branch #761
300 Wooddale Blvd.
Baton Rouge, LA 70806
Phone: 800-892-8677
Fax: 225-932-9049

CC

Baton Rouge Scaffolding

Branch #590
9680 S Choctaw Dr.
Baton Rouge, LA 70815
Phone: 225-924-4243
Fax: 225-924-4266

SS

Houma Scaffolding

Branch #598
112 Venture Blvd.
Houma, LA 70360
Phone: 985-851-6571
Fax: 985-873-8492

SS

Lafayette

Branch #375
1325 Petroleum Pkwy
Broussard, LA 70518
Phone: 337-551-6550
Fax: 337-551-6560

GT

Lake Charles

Branch #230
4135 S. Beglis Pkwy
Sulphur, LA 70665
Phone: 337-433-9497
Fax: 337-439-5509

GT

Mandeville

Branch #542
68583 Hwy 59
Mandeville, LA 70471
Phone: 985-249-6044
Fax: 985-317-6050

GT

Monroe Scaffolding

Branch #593
8500 Frontage Rd.
Monroe, LA 71202
Phone: 318-343-7401
Fax: 318-343-7402

SS

New Orleans

Branch #563
7440 Westbank Expy
Marrero, LA 70072
Phone: 504-328-7368
Fax: 504-328-7348

GT

New Orleans Downtown

Branch #122
1793 Julia St.
New Orleans, LA 70113
Phone: 504-527-0933
Fax: 504-571-1829

GT

MAINE

Bangor

Branch #293
1216 Hammond St.
Bangor, ME 04401
Phone: 207-945-5635
Fax: 207-945-3321

GT

Scarborough

Branch #284
5 Glasgow Rd.
Scarborough, ME 04074
Phone: 207-883-3200
Fax: 207-883-3266

GT

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MARYLAND

Baltimore

Branch #157
7605 Pulaski Hwy
Baltimore, MD 21237
Phone: 410-866-9302
Fax: 410-866-1253

GT

Baltimore / DC Scaffolding

Branch #177
7325 Washington Blvd.
Elkridge, MD 21075
Phone: 301-779-0099
Fax: 301-779-0177

SS

Baltimore Flooring Solutions

Branch #608
5021 Howerton Way
Bowie, MD 20715
Phone: 240-544-0550
Fax: 240-544-0549

FS

Baltimore Industrial Services

Branch #373
9025-C Maier Rd.
Laurel, MD 20723
Phone: 301-604-4267
Fax: 301-604-4982

IS

Finksburg

Branch #174
3201 Baltimore Blvd.
Finksburg, MD 21048
Phone: 410-526-7355
Fax: 410-526-7250

GT

Frederick

Branch #170
4539 Mack Ave.
Frederick, MD 21703
Phone: 301-662-3403
Fax: 301-663-1032

GT

Gaithersburg

Branch #156
18900 Earhart Ct.
Gaithersburg, MD 20879
Phone: 301-948-8808
Fax: 301-948-8046

GT

Hunt Valley

Branch #178
10903 McCormick Rd.
Hunt Valley, MD 21031
Phone: 410-785-2322
Fax: 410-785-9658

GT

Laurel

Branch #155
9180 Bursa Rd.
Laurel, MD 20723
Phone: 301-470-2841
Fax: 301-470-4425

GT

Maryland Climate Control

Branch #489
8264 Preston Ct.
Jessup, MD 20794
Phone: 800-892-8677
Fax: 301-317-1733

CC

Maryland Pump & Power

Branch #163
7430 Montevideo Rd.
Jessup, MD 20794
Phone: 301-470-2595
Fax: 301-470-9926

P&P

Parkville

Branch #180
8510 Old Harford Rd.
Baltimore, MD 21234
Phone: 410-661-0500
Fax: 410-661-3442

GT

Upper Marlboro

Branch #188
8400 Pennsylvania Ave.
Upper Marlboro, MD 20772
Phone: 240-492-1540
Fax: 240-492-1541

GT

Washington, DC Climate Control

Branch #421
9237 Hampton Overlook
Capitol Heights, MD 20743
Phone: 800-892-8677
Fax: 301-317-1733

CC

MASSACHUSETTS

Boston

Climate Control
Branch #478
417 South St.
Marlborough, MA 01752
Phone: 800-892-8677
Fax: 508-481-1685

CC

Boston

Flooring Solutions
Branch #615
40 Robbie Rd.
Avon, MA 02322
Phone: 508-468-2160
Fax: 508-468-2161

FS

Boston

Pump & Power
Branch #784
149 Providence St.
Hyde Park, MA 02136
Phone: 877-658-1968
Fax: 617-333-9522

P&P

Hyde Park

Branch #291
1660 Hyde Park Ave.
Hyde Park, MA 02136
Phone: 617-361-2700
Fax: 617-364-7788

GT

New England Pump & Power

Branch #571
800 Hartford Tpke
Shrewsbury, MA 01545
Phone: 508-925-1630
Fax: 508-719-0046

P&P

Shrewsbury

Branch #290
800 Hartford Tpke
Shrewsbury, MA 01545
Phone: 508-842-0097
Fax: 508-842-9758

GT

Woburn

Branch #518
195 New Boston St.
Woburn, MA 01801
Phone: 781-932-0310
Fax: 781-270-0295

GT

Worcester

Branch #292
254 SW Cutoff
Worcester, MA 01604
Phone: 508-791-2569
Fax: 508-791-8366

GT

MICHIGAN

Ann Arbor

Branch #250
4051 Carpenter Rd.
Ypsilanti, MI 48197
Phone: 734-971-8330
Fax: 734-971-8336

GT

Detroit

Branch #247
36000 Mound Rd.
Sterling Heights, MI 48310
Phone: 586-698-9515
Fax: 586-698-9516

GT

Detroit Climate Control

Branch #283
12668 Arnold Ave.
Redford, MI 48239
Phone: 800-892-8677
Fax: 313-541-2137

CC



Grand Rapids

Branch #364
5135 68th St. SE
Caledonia, MI 49316
Phone: 616-803-7770
Fax: 616-803-7771

GT

Kalamazoo

Branch #515
3500 Gull Rd.
Kalamazoo, MI 49048
Phone: 269-385-7368
Fax: 269-385-5949

GT

Lansing

Branch #315
14485 S US Hwy 27
DeWitt, MI 48820
Phone: 517-487-3055
Fax: 517-487-3057

GT

Novi

Branch #237
48595 Grand River Ave.
Novi, MI 48374
Phone: 248-348-7270
Fax: 248-348-0916

GT

MINNESOTA

Duluth

Branch #359
5440 Miller Trunk Hwy
Hermantown, MN 55811
Phone: 218-481-6040
Fax: 218-481-6039

GT

Minneapolis Pump & Power

Branch #600
15125 S Robert Trl
Rosemount, MN 55068
Phone: 952-229-6699
Fax: 952-229-6698

P&P

Minneapolis Downtown

Branch #781
900 E Hennepin Ave.
Minneapolis, MN 55414
Phone: 612-486-4111
Fax: 612-486-4112

GT

Minneapolis Climate Control

Branch #229
900 E Hennepin Ave.
Minneapolis, MN 55414
Phone: 800-892-8677
Fax: 612-486-4109

CC

Rochester

Branch #568
3727 Commercial Dr. SW
Rochester, MN 55902
Phone: 507-513-6181
Fax: 507-513-6180

GT

LOCATION DIRECTORY

Specialty Key:

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Rogers
Branch #343
14650 Quiram Dr.
Rogers, MN 55374
Phone: 1-800-667-9328

GT
**OPENING
SOON**

St. Paul
Branch #782
15125 S Robert Trl
Rosemount, MN 55068
Phone: 952-229-6696
Fax: 952-229-6697

GT

MISSISSIPPI

Jackson
Branch #215
2700 Lakeland Dr.
Flowood, MS 39232
Phone: 769-230-1380
Fax: 769-230-1381

GT

Ocean Springs
Branch #106
3412 Bienville Blvd.
Ocean Springs, MS 39564
Phone: 228-872-6022
Fax: 228-872-6098

GT

Tupelo
Branch #503
1408 DC Collums Dr.
Tupelo, MS 38801
Phone: 662-350-6980
Fax: 662-350-6981

GT

MISSOURI

Downtown St. Louis
Branch #356
2900 Chouteau Ave.
St. Louis, MO 63103
Phone: 314-678-0979
Fax: 314-678-0978

GT

Fenton
Branch #767
13084 Gravois Rd.
St. Louis, MO 63127
Phone: 636-651-3757
Fax: 636-651-3756

GT

Jefferson City
Branch #256
905 Stadium Blvd.
Jefferson City, MO 65109
Phone: 573-469-0060
Fax: 573-469-0061

GT

Joplin
Branch #792
2111 S. Davis Blvd.
Joplin, MO 64804
Phone: 417-623-4818
Fax: 417-623-6258

GT

Kansas City
Branch #121
1040 Burlington St.
North Kansas City, MO 64116
Phone: 816-423-8220
Fax: 816-423-8221

GT

**Kansas City
Climate Control**
Branch #748
1831 Vernon St.
North Kansas City, MO 64116
Phone: 800-892-8677
Fax: 816-587-9402

CC

Lee's Summit
Branch #236
20 SE 29th Ter
Lee's Summit, MO 64082
Phone: 816-366-1001
Fax: 816-366-1002

GT



Springfield
Branch #573
1600 E Chestnut Expy
Springfield, MO 65802
Phone: 417-799-5195
Fax: 417-799-5196

GT

St. Charles
Branch #302
1300 Charlestown Industrial Dr.
Saint Charles, MO 63303
Phone: 636-946-7700
Fax: 636-946-7703

GT

**St. Louis
Climate Control**
Branch #745
11879 Missouri Bottom Rd.
Hazelwood, MO 63146
Phone: 800-892-8677
Fax: 314-434-4125

CC

**St. Louis
Industrial Services**
Branch #370
2900 Chouteau Ave.
St. Louis, MO 63103
Phone: 314-678-0981
Fax: 314-678-0978

IS

**St. Louis
Pump & Power**
Branch #371
1081 Geil Dr.
Granite City, IL 62040
Phone: 618-219-3224
Fax: 618-931-1731

P&P

NEBRASKA

Columbus
Branch #500
1500 23rd St.
Columbus, NE 68601
Phone: 402-562-1550
Fax: 402-562-6550

GT

Grand Island
Branch #416
510 S Claude Rd.
Grand Island, NE 68801
Phone: 402-562-1550
Fax: 402-562-6550

GT

Hastings
Branch #414
406 East J St.
Hastings, NE 68901
Phone: 402-462-2252
Fax: 402-462-2310

GT

Kearney
Branch #413
3211 Antelope Ave.
Kearney, NE 68847
Phone: 308-237-0777
Fax: 308-237-9322

GT

Lincoln
Branch #415
5450 Alvo Rd.
Lincoln, NE 68514
Phone: 402-466-1550
Fax: 402-466-1560

GT

Omaha
Branch #099
4516 S 140th St.
Omaha, NE 68137
Phone: 402-401-2575
Fax: 402-401-2576

GT

NEVADA

Las Vegas
Branch #384
175 Pacific Center Dr.
Henderson, NV 89074
Phone: 702-644-3555
Fax: 702-898-5600

GT

**Las Vegas
Climate Control**
Branch #738
4347 W Sunset Rd.
Las Vegas, NV 89118
Phone: 800-892-8677
Fax: 702-736-9125

CC

Reno
Branch #768
695 Ferrari-McLeod Blvd.
Reno, NV 89512
Phone: 775-343-7488
Fax: 775-343-7489

GT

NEW HAMPSHIRE

Manchester
Branch #288
660 Gold St.
Manchester, NH 03103
Phone: 603-483-2900
Fax: 603-483-0299

GT

North Hampton
Branch #510
170 Lafayette Rd.
North Hampton, NH 03862
Phone: 603-964-5422
Fax: 603-964-1743

GT

NEW JERSEY

Carlstadt
Branch #539
125 Commercial Ave.
Carlstadt, NJ 07072
Phone: 201-991-4990
Fax: 201-991-6083

GT

**New Jersey
Pump & Power**
Branch #172
3090 Route 73 N
Maple Shade Twp., NJ 08052
Phone: 856-779-2772
Fax: 856-779-8571

P&P

**New York
Climate Control**
Branch #482
3301 Tremley Point Rd.
Linden, NJ 07036
Phone: 800-892-8677
Fax: 908-754-2776

CC

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Pennsauken GT
Branch #171
3090 Route 73 N
Maple Shade Twp., NJ 08052
Phone: 856-779-1400
Fax: 856-779-0717

Perth Amboy GT
Branch #545
600 Route 440 Connection
Perth Amboy, NJ 08861
Phone: 732-697-0666
Fax: 732-697-0099

Swedesboro GT
Branch #164
223 Paulsboro Rd.
Swedesboro, NJ 08085
Phone: 856-467-9555
Fax: 856-467-9191

NEW MEXICO

Alamogordo GT
Branch #544
1317 First St.
Alamogordo, NM 88310
Phone: 575-434-4570

Albuquerque GT
Branch #522
1924 2nd St. NW
Albuquerque, NM 87102
Phone: 505-415-7712

Artesia O&G
Oil & Gas
Branch #426
700 E Mill Rd.
Artesia, NM 88210
Phone: 877-687-1146
Fax: 575-746-2368

Carlsbad Oil & Gas O&G
Branch #440
1606 Airway Dr.
Carlsbad, NM 88220
Phone: 877-687-1146
Fax: 575-887-2997

Las Cruces GT
Branch #537
1905 S Valley Dr.
Las Cruces, NM 88005
Phone: 575-524-1372

NEW YORK

Bronx GT
Branch #199
1340 Spofford Ave.
Bronx, NY 10474
Phone: 718-328-8111
Fax: 718-328-8115

Buffalo GT
Branch #766
1801 Union Rd.
West Seneca, NY 14224
Phone: 716-771-5262
Fax: 716-771-5263

Corning GT
Branch #141
369 Park Ave.
Corning, NY 14830
Phone: 607-962-8611
Fax: 607-962-3618

Hauppauge GT
Branch #094
3665 Expy Dr. N
Islandia, NY 11749
Phone: 631-348-7100
Fax: 631-348-7148

Latham GT
Branch #287
272 Wolf Rd.
Latham, NY 12110
Phone: 518-452-0440
Fax: 518-452-1442

Long Island CC
Climate Control
Branch #461
132 Charlotte Ave.
Hicksville, NY 11801
Phone: 800-892-8677
Fax: 516-433-1913

Maspeth GT
Branch #540
5875 Maurice Ave.
Maspeth, NY 11378
Phone: 718-387-4872
Fax: 718-387-4216

Metro New York FS
Flooring Solutions
Branch #616
1176 Route 109
Lindenhurst, NY 11757
Phone: 631-693-0040
Fax: 631-696-0035

New York CC
Climate Control
Branch #482
3301 Tremley Point Rd.
Linden, NJ 07036
Phone: 800-892-8677
Fax: 908-754-2776

New York P&P
Pump & Power
Branch #104
40 Charlotte Ave.
Hicksville, NY 11802
Phone: 516-937-1500
Fax: 516-937-1516

North Syracuse GT
Branch #285
415 E Taft Rd.
North Syracuse, NY 13212
Phone: 315-458-8331
Fax: 315-458-0994

Rochester GT
Branch #797
788 W Ridge Rd.
Rochester, NY 14615
Phone: 585-613-0390
Fax: 585-613-9939

Rochester CC
Climate Control
Branch #477
850 St. Paul St.
Rochester, NY 14605
Phone: 800-892-8677
Fax: 610-459-3822

Spring Valley GT
Branch #785
77 Route 59 E
Spring Valley, NY 10977
Phone: 845-356-3900
Fax: 845-356-7138

Syracuse CC
Climate Control
Branch #467
415 E Taft Rd.
North Syracuse, NY 13212
Phone: 800-892-8677
Fax: 803-578-6495

Westbury GT
Branch #546
522 Grand Blvd.
Westbury, NY 11590
Phone: 516-997-0050
Fax: 516-997-0058

NORTH CAROLINA

Asheville GT
Branch #202
141 Sweeten Creek Rd.
Asheville, NC 28803
Phone: 828-771-2690
Fax: 828-771-2691

Burlington IS
Industrial Services
Branch #548
454 Interstate Service Rd. W
Graham, NC 27253
Phone: 336-570-1742
Fax: 336-570-1232

Charlotte GT
Branch #001
4700 Reagan Dr.
Charlotte, NC 28206
Phone: 704-599-5967
Fax: 704-377-5107

Charlotte GT
Branch #582
7205 Statesville Rd.
Charlotte, NC 28269
Phone: 704-598-4423
Fax: 704-494-3599

Charlotte Lowe's
Branch #653
10627 McMullen Creek Pkwy
Charlotte, NC 28226
Phone: 704-544-0818
Fax: 704-544-0543

Charlotte CC
Climate Control
Branch #491
3535 N. Graham St.
Charlotte, NC 28206
Phone: 800-892-8677
Fax: 704-821-6705

Charlotte FS
Flooring Solutions
Branch #610
10800 Commerce Blvd.
Charlotte, NC 28273
Phone: 980-500-4808
Fax: 980-500-4809

Charlotte P&P
Pump & Power
Branch #022
7205 Statesville Rd.
Charlotte, NC 28269
Phone: 704-335-0204
Fax: 704-335-0722

Charlotte SS
Scaffolding
Branch #074
3535 N. Graham St.
Charlotte, NC 28206
Phone: 704-377-5628
Fax: 704-377-3444

Concord GT
Branch #028
1400 Biscayne Dr.
Concord, NC 28027
Phone: 704-795-2640
Fax: 704-795-2152

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Durham Branch #011 5004 Neal Rd. Durham, NC 27705 Phone: 919-383-6667 Fax: 919-382-2901	GT	Mooreville Branch #056 125 Raceway Dr. Mooreville, NC 28117 Phone: 704-660-9669 Fax: 704-799-9891	GT	Wake Forest Branch #036 8512 Capital Blvd. Raleigh, NC 27616 Phone: 919-876-9010 Fax: 919-876-9238	GT	NORTH DAKOTA Fargo Branch #528 6109 53rd Ave. S Fargo, ND 58104 Phone: 701-353-6191 Fax: 701-353-6192	Cincinnati Pump & Power Branch #190 10060 Toeppen Dr. Independence, KY 41051 Phone: 859-283-5544 Fax: 859-283-9263	P&P
Fayetteville Branch #021 318 S Eastern Blvd. Fayetteville, NC 28301 Phone: 910-323-4416 Fax: 910-323-3398	GT	Pineville Branch #027 11210 Downs Rd. Pineville, NC 28134 Phone: 704-583-4330 Fax: 704-583-9887	GT	Wilmington Branch #008 6710 Amsterdam Way Wilmington, NC 28405 Phone: 910-395-4334 Fax: 910-395-2282	GT		Cleveland West Branch #242 13800 Brookpark Rd. Cleveland, OH 44135 Phone: 216-362-0300 Fax: 216-362-0338	GT
Gastonia Branch #051 2220 Raeford Ct. Gastonia, NC 28052 Phone: 704-867-9051 Fax: 704-830-1018	GT	Raleigh Branch #003 5701 Chapel Hill Rd. Raleigh, NC 27607 Phone: 919-233-4692 Fax: 919-233-4791	GT	Wilmington Industrial Services Branch #087 6636 Gordon Rd. Wilmington, NC 28411 Phone: 910-784-1345 Fax: 910-784-1346	IS	OHIO Cambridge Branch #297 60802 Southgate Pkwy Cambridge, OH 43725 Phone: 740-432-1750 Fax: 740-432-1751	Cleveland Branch #361 18200 S Waterloo Rd. Cleveland, OH 44119 Phone: 1-800-667-9328	GT
Greensboro Branch #005 102 N Swing Rd. Greensboro, NC 27409 Phone: 336-547-9300 Fax: 336-547-0889	GT	South Raleigh Branch #035 3820 Generosity Ct. Garner, NC 27529 Phone: 919-662-2664 Fax: 919-662-8738	GT	Wilmington Scaffolding Branch #026 1610 N Kerr Ave. Wilmington, NC 28405 Phone: 910-313-2927 Fax: 910-313-2957	SS	Carroll Pump & Power Branch #793 4045 Coonpath Rd. Carroll, OH 43112 Phone: 740-756-7270 Fax: 740-756-7247	Cleveland Climate Control Branch #228 5350 W. 161st St. Brookpark, OH 44142 Phone: 800-892-8677 Fax: 216-239-5334	CC
Hickory Branch #088 1800 Clement Blvd. NW Hickory, NC 28601 Phone: 828-327-4369 Fax: 828-327-3335	GT	Raleigh Climate Control Branch #481 2708 Connector Dr. Wake Forest, NC 27587 Phone: 800-892-8677 Fax: 919-255-3196	CC	Winston Salem Branch #047 3620 N Patterson Ave. Winston Salem, NC 27105 Phone: 336-773-1717 Fax: 336-773-1760	GT	Cincinnati Branch #143 2970 Crescentville Rd. West Chester, OH 45069 Phone: 513-772-6100 Fax: 513-772-6331	Cleveland Scaffolding Branch #294 16066 Industrial Ln. Cleveland, OH 44135 Phone: 216-239-5321 Fax: 216-239-5322	SS
Huntersville Branch #627 16824 Statesville Rd. Huntersville, NC 28078 Phone: 704-655-8870 Fax: 704-655-9167	Lowe's	Raleigh Pump & Power Branch #093 2820 Superior Dr. Wake Forest, NC 27587 Phone: 919-570-7050 Fax: 919-570-0479	P&P	Winterville Branch #025 531 W Fire Tower Rd. Winterville, NC 28590 Phone: 252-756-7177 Fax: 252-756-4129	GT	Cincinnati Branch #213 4631 Spring Grove Ave. Cincinnati, OH 45232 Phone: 513-681-4488 Fax: 513-681-4477	Columbus Branch #201 1275 W Mound St. Columbus, OH 43223 Phone: 614-341-9770 Fax: 614-341-9779	GT
Indian Trail Branch #040 1009 Technology Dr. Indian Trail, NC 28079 Phone: 704-821-3800 Fax: 704-821-3746	GT	Raleigh Scaffolding Branch #034 1000 Freedom Dr. Raleigh, NC 27610 Phone: 866-674-6458 Fax: 919-662-8738	SS			Cincinnati Climate Control Branch #465 1384 Tennessee Ave. Cincinnati, OH 45229 Phone: 800-892-8677 Fax: 513-578-6863	Columbus Branch #602 4149 Morse Xing Columbus, OH 43219 Phone: 614-479-7200 Fax: 614-479-7205	Lowe's



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Columbus Branch #621 1461 Polaris Pkwy Columbus, OH 43240 Phone: 614-848-4075 Fax: 614-847-7470	Lowe's	Heath Branch #205 1661 Hebron Rd. Heath, OH 43056 Phone: 740-522-2252 Fax: 740-522-2444	GT	Northeast Ohio Pump & Power Branch #579 5162 Akron Cleveland Rd. Peninsula, OH 44264 Phone: 330-650-1874 Fax: 330-650-0608	P&P	OKLAHOMA Alva Oil & Gas Branch #419 1006 E Oklahoma Blvd. Alva, OK 73717 Phone: 877-687-1146 Fax: 580-327-8038	O&G	OREGON Albany Branch #346 950 Old Salem Rd. NE Millersburg, OR 97321 Phone: 541-791-5168 Fax: 541-791-9042	GT
Columbus Climate Control Branch #464 5710 Green Pointe Dr. N Groveport, OH 43125 Phone: 800-892-8677 Fax: 610-459-3822	CC	Hilliard Branch #203 4019 Parkway Ln. Hilliard, OH 43026 Phone: 614-876-2605 Fax: 614-529-6422	GT	Peninsula Branch #212 5162 Akron Cleveland Rd. Peninsula, OH 44264 Phone: 330-650-9090 Fax: 330-650-1935	GT	Cooling Tower Services Branch #266 5400 NW 5th St. Oklahoma City, OK 73127 Phone: 405-979-2179 Fax: 803-578-6865	P&P	Eugene Branch #323 2110 W 2nd Ave. Eugene, OR 97402 Phone: 541-225-9875 Fax: 541-225-9876	GT
Columbus Flooring Solutions Branch #612 5905 Green Pointe Dr. S Groveport, OH 43125 Phone: 614-662-5460 Fax: 614-662-5461	FS	Mansfield Branch #209 2145 Walker Lake Rd. Ontario, OH 44903 Phone: 419-747-1000 Fax: 419-747-4458	GT	Reynoldsburg Branch #145 275 Reynoldsburg-New Albany Rd. Blacklick, OH 43004 Phone: 614-861-3086 Fax: 614-861-3096	GT	Edmond Branch #111 3801 S Broadway Ave. Edmond, OK 73013 Phone: 1-800-667-9328	GT	Hillsboro Branch #339 2043 NW Alcock Dr. Hillsboro, OR 97124 Phone: 503-439-6262 Fax: 503-533-5641	GT
Dayton Branch #214 3715 Wyse Rd. Dayton, OH 45414 Phone: 937-415-0100 Fax: 937-665-0795	GT	Marysville Branch #204 1000 Delaware Ave. Marysville, OH 43040 Phone: 937-642-9770 Fax: 937-642-3973	GT	Springfield Branch #685 1609 N Bechtie Ave. Springfield, OH 45503 Phone: 937-322-5928 Fax: 937-322-6156	Lowe's	Oklahoma City Pump & Power Branch #588 11201 NW 10th St. Yukon, OK 73099 Phone: 405-350-0254 Fax: 405-350-5629	P&P	Hubbard Branch #696 2754 Hwy 99 E Hubbard, OH 97032 Phone: 1-800-667-9328	GT OPENING SOON
Elyria Branch #552 6438 Lorain Blvd. Elyria, OH 44035 Phone: 440-324-1855 Fax: 440-324-9645	GT	Mason Branch #648 9380 Mason Montgomery Rd. Mason, OH 45040 Phone: 513-336-0570 Fax: 513-336-0574	Lowe's	Sunbury Branch #142 7257 E State Route 37 Sunbury, OH 43074 Phone: 740-362-9866 Fax: 740-362-9867	GT	Oklahoma City Branch #575 1525 E I-240 Service Rd. Oklahoma City, OK 73149 Phone: 405-619-7242	GT	Portland Climate Control Branch #109 10680 Main St. NE Donald, OR 97020 Phone: 800-892-8677	CC
Fairfield Branch #535 6490 Dixie Hwy Fairfield, OH 45014 Phone: 513-874-7368 Fax: 513-860-8682	GT	Middletown Branch #658 3135 Towne Blvd. Middletown, OH 45044 Phone: 513-727-9400 Fax: 513-424-9955	Lowe's	Toledo Branch #322 5560 Angola Rd. Toledo, OH 43615 Phone: 419-861-5155 Fax: 419-861-5151	GT	Oklahoma City Climate Control Branch #757 4611 SW 20th St. Oklahoma City, OK 73128 Phone: 800-892-8677 Fax: 405-708-6712	CC	Portland Branch #325 7626 NE Killingsworth St. Portland, OR 97218 Phone: 503-256-9800 Fax: 503-255-7614	GT
Findlay Branch #206 1780 Romick Pkwy Findlay, OH 45840 Phone: 419-427-0030 Fax: 419-427-0845	GT	North Canton Branch #211 2600 Harrison Ave. NW Canton, OH 44709 Phone: 330-305-5200 Fax: 330-305-1877	GT	Toledo Industrial Services Branch #448 5940 American Rd. E Toledo, OH 43612 Phone: 567-200-6575 Fax: 567-200-6576	IS NOW OPEN	Tulsa Branch #114 14139 E Admiral Pl. Tulsa, OK 74116 Phone: 918-234-7368 Fax: 918-439-9797	GT	Salem Branch #324 1860 22nd St. SE Salem, OR 97302 Phone: 503-399-9568 Fax: 503-399-9281	GT

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PENNSYLVANIA

Central PA Pump & Power

Branch #773
2050 South Main St.
Mansfield, PA 16933
Phone: 570-721-0446

P&P

Downingtown

Branch #120
401 Boot Rd.
Downingtown, PA 19335
Phone: 610-269-2710
Fax: 610-873-4278

GT

Harrisburg

Branch #189
4417 Valley Rd.
Enola, PA 17025
Phone: 717-216-2900
Fax: 717-246-2901

GT

Harrisburg Climate Control

Branch #424
4417 Valley Rd.
Enola, PA 17025
Phone: 800-892-8677
Fax: 717-246-2901

CC

Irwin

Branch #519
125 Rocky Rd.
Irwin, PA 15642
Phone: 724-861-6175
Fax: 724-861-6174

GT

Philadelphia

Branch #183
7700 Holstein Ave.
Philadelphia, PA 19153
Phone: 215-492-4995
Fax: 215-492-9909

GT

Philadelphia Climate Control

Branch #480
900-C Tryens Rd.
Aston, PA 19014
Phone: 800-892-8677
Fax: 610-459-3822

CC

Philadelphia Flooring Solutions

Branch #614
900-C Tryens Rd.
Aston, PA 19014
Phone: 610-295-0155
Fax: 610-295-0154

FS



Pittsburgh

Branch #238
639 Rochester Rd.
Pittsburgh, PA 15237
Phone: 412-364-8630
Fax: 412-364-8764

GT

Pittsburgh Climate Control

Branch #458
780-M Pine Valley Dr.
Pittsburgh, PA 15239
Phone: 800-892-8677
Fax: 724-861-6174

CC

Pittsburgh Pump & Power

Branch #629
639 Rochester Rd.
Pittsburgh, PA 15237
Phone: 412-837-5727
Fax: 412-837-5726

P&P

Southampton

Branch #182
365 Street Rd.
Southampton, PA 18966
Phone: 215-322-3200
Fax: 215-357-5493

GT

Wilkes-Barre

Branch #499
89 2nd St.
Wilkes-Barre, PA 18702
Phone: 570-392-4111
Fax: 570-392-4112

GT

York

Branch #116
6778 Lincoln Hwy W
Thomasville, PA 17364
Phone: 717-916-6034
Fax: 717-916-6035

GT

RHODE ISLAND

Warwick

Branch #508
99 Jefferson Blvd.
Warwick, RI 02888
Phone: 401-463-6666
Fax: 401-463-3340

GT

SOUTH CAROLINA

Anderson

Branch #514
1700 Pearman Dairy Rd.
Anderson, SC 29625
Phone: 864-224-8881
Fax: 864-226-7890

GT

Cayce

Branch #089
2207 Dixiana Rd.
Cayce, SC 29172
Phone: 803-926-0100
Fax: 803-739-4306

GT

Charleston

Branch #006
2411 Clements Ferry Rd.
Charleston, SC 29492
Phone: 843-881-4945
Fax: 843-881-4858

GT

Charleston Climate Control

Branch #457
7630 Sandlapper Pkwy N
North Charleston, SC 29420
Phone: 800-892-8677
Fax: 843-779-4036

CC

Charleston Scaffolding

Branch #072
2291 Technical Pkwy.
North Charleston, SC 29406
Phone: 843-747-9158
Fax: 843-745-9469

SS

Coastal Pump & Power

Branch #023
3430 Ashley Phosphate Rd.
Charleston, SC 29418
Phone: 843-971-6450
Fax: 843-308-9195

P&P

Columbia

Branch #009
104 Sunbelt Blvd.
Columbia, SC 29203
Phone: 803-754-1668
Fax: 803-754-4996

GT

Columbia Climate Control

Branch #753
1160 1st St. S
Columbia, SC 29209
Phone: 800-892-8677
Fax: 803-728-0391

CC

Florence

Branch #029
1215 N Cashua Dr.
Florence, SC 29501
Phone: 843-669-1818
Fax: 843-669-4882

GT

Greenville

Branch #002
2612 S Old Hwy 14
Greer, SC 29650
Phone: 864-877-7330
Fax: 864-877-7533

GT

Hilton Head

Branch #082
406 Argent Blvd.
Hardeeville, SC 29927
Phone: 843-208-2080
Fax: 843-208-2081

GT

Myrtle Beach

Branch #020
604 Cannon Rd.
Myrtle Beach, SC 29577
Phone: 843-445-9960
Fax: 843-445-7033

GT

Spartanburg

Branch #052
200 Commercial Rd.
Spartanburg, SC 29303
Phone: 864-578-6308
Fax: 864-814-4656

GT

Summerville

Branch #039
176 Acres Dr.
Ladson, SC 29456
Phone: 843-797-8881
Fax: 843-797-8882

GT

SOUTH DAKOTA

Sioux Falls

Branch #317
27134 S Park Lane Dr.
Sioux Falls, SD 57106
Phone: 605-221-0322
Fax: 605-221-0323

GT

TENNESSEE

Bristol

Branch #770
2910 Highway 394
Blountville, TN 37617
Phone: 423-573-2222
Fax: 865-558-8783

GT

Chattanooga

Branch #260
4075 S Access Rd.
Chattanooga, TN 37406
Phone: 423-893-0521
Fax: 423-893-0523

GT

Clarksville

Branch #134
1951 Wilma Rudolph Blvd.
Clarksville, TN 37040
Phone: 931-920-2165
Fax: 931-221-0236

GT

LOCATION DIRECTORY

Specialty Key:

AWP=Aerial Work Platforms CC=Climate Control Services FS=Flooring Solutions GT=General Tool IS=Industrial Services Lowe's=Sunbelt Rentals at Lowe's
O&G=Oil & Gas Services PD=Pipe Driving Services P&P=Pump & Power Services SS=Scaffold Services TS=Traffic Safety

Cookeville Branch #771 701 Bill Smith Rd. Cookeville, TN 38501 Phone: 931-520-3030 Fax: 931-520-3191	GT	Nashville Branch #126 1805 Lebanon Pike Nashville, TN 37210 Phone: 615-242-2030 Fax: 615-242-8994	GT	Arlington Branch #318 924 113th St. Arlington, TX 76011 Phone: 817-640-4411 Fax: 817-640-7244	GT	Beeville Oil & Gas Branch #441 2446 Hwy 59 E Beeville, TX 78102 Phone: 877-687-1146 Fax: 361-354-5740	O&G	Corpus Pump & Power P&P Branch #533 961 Savage Ln. Corpus Christi, TX 78407 Phone: 361-225-1111
Knoxville Branch #138 5011 Middlebrook Pike S Knoxville, TN 37921 Phone: 865-684-1580 Fax: 865-558-8783	GT	Nashville Climate Control Branch #484 417 Space Park N Goodlettsville, TN 37072 Phone: 800-892-8677 Fax: 615-868-1782	CC	Angleton Pump & Power Branch #531 23898 N Hwy 288 Arlington, TX 77515 Phone: 979-848-1255 Fax: 979-265-6909	P&P	Bryan/College Station GT Branch #286 3730 Endeavor Loop Bryan, TX 77808 Phone: 979-589-2919 Fax: 979-589-2790	GT	Crosby GT Branch #264 14923 FM 2100 Rd. Crosby, TX 77532 Phone: 281-328-9667 Fax: 281-328-9714
Memphis Branch #259 4517 S Mendenhall Rd. Memphis, TN 38141 Phone: 901-312-2331 Fax: 901-312-2332	GT	Nashville Pump & Power Branch #127 1327 Foster Ave. Nashville, TN 37210 Phone: 615-259-2080 Fax: 615-259-9950	P&P	Austin Branch #279 6111 Hwy 290 E Austin, TX 78723 Phone: 512-374-9333 Fax: 512-374-9937	GT	Burleson GT Branch #512 400 NE Wilshire Blvd. Burleson, TX 76028 Phone: 817-426-3515 Fax: 817-426-3512	GT	Dallas GT Branch #271 11422 N Stemmons Fwy Dallas, TX 75229 Phone: 972-484-6767 Fax: 972-484-6850
Memphis Pump & Power Branch #261 3681 Old Getwell Rd. Memphis, TN 38118 Phone: 901-333-2690 Fax: 901-333-2691	P&P	Nashville Scaffolding Branch #128 91 Polk Ave. Nashville, TN 37210 Phone: 615-248-6060 Fax: 615-254-4265	SS	Austin Branch #342 8300 S Interstate 35 Austin, TX 78745 Phone: 512-291-0065 Fax: 512-291-0855	GT	Carrizo Springs O&G Oil & Gas Branch #437 329 Loop 517 Carrizo Springs, TX 78834 Phone: 877-687-1146 Fax: 830-876-9326	O&G	Dallas GT Branch #278 9210 S Hampton Rd. Dallas, TX 75232 Phone: 972-228-0222 Fax: 972-228-0314
Memphis Climate Control Branch #453 2817 Farrisview Blvd. Bldg. 1 Memphis, TN 38118 Phone: 800-892-8677 Fax: 901-795-6315	CC	Rivergate GT Branch #136 1201 Northgate Bus. Pkwy Madison, TN 37115 Phone: 615-868-2004 Fax: 615-868-3702	GT	Austin Climate Control Branch #756 16713 Joe Barbee Dr. Pflugerville, TX 78660 Phone: 800-892-8677 Fax: 512-990-7933	CC	Conroe GT Branch #234 1314 N FM 3083 Rd. E Conroe, TX 77303 Phone: 936-760-3349 Fax: 936-760-3361	GT	Dallas CC Climate Control Branch #486 1705 Wallace Dr. Carrollton, TX 75006 Phone: 800-892-8677 Fax: 469-420-9890
Memphis Scaffolding Branch #187 1300 Big Orange Rd. Cordova, TN 38018 Phone: 901-312-4880 Fax: 901-312-4881	SS			Baytown GT Branch #586 317 Texas 146 Frontage Baytown, TX 77520 Phone: 346-801-6000 Fax: 346-801-6001	GT	Corpus Christi GT Branch #357 342 Lantana St. Corpus Christi, TX 78408 Phone: 361-360-7711 Fax: 361-360-7712	GT	Dallas/Ft. Worth FS Flooring Solutions Branch #644 711 N Beach St. Fort Worth, TX 76111 Phone: 817-759-2957 Fax: 817-759-1307
Murfreesboro GT Branch #135 2370 Southgate Blvd. Murfreesboro, TN 37128 Phone: 615-849-4000 Fax: 615-849-4002	GT	Amarillo GT Branch #643 10501 FM 1541 Amarillo, TX 79118 Phone: 806-318-7162 Fax: 806-318-7163	GT	Beaumont Pump & Power Branch #532 2705 Cardinal W Dr. Beaumont, TX 77705 Phone: 409-842-2048 Fax: 409-842-1888	P&P	Corpus Christi IS Industrial Services Branch #558 342 Lantana St. Corpus Christi, TX 78408 Phone: 361-360-7715 Fax: 361-360-7716	IS	Dallas/Ft. Worth P&P Pump & Power Branch #184 711 N Beach St. Fort Worth, TX 76111 Phone: 817-759-0413 Fax: 817-834-0524

TEXAS

LOCATION DIRECTORY

Specialty Key:

AWP=Aerial Work Platforms **CC**=Climate Control Services **FS**=Flooring Solutions **GT**=General Tool **IS**=Industrial Services **Lowe's**=Sunbelt Rentals at Lowe's
O&G=Oil & Gas Services **PD**=Pile Driving Services **P&P**=Pump & Power Services **SS**=Scaffold Services **TS**=Traffic Safety

Dallas/Ft. Worth Scaffolding Branch #599 5601 Denton Hwy Haltom City, TX 76148 Phone: 682-707-8077 Fax: 680-707-8076	SS	Fort Worth Branch #613 4305 Bryant Irvin Rd. Fort Worth, TX 76132 Phone: 817-738-7368 Fax: 817-738-2511	Lowe's	Grapevine Branch #276 321 E Dallas Rd. Grapevine, TX 76051 Phone: 817-488-3399 Fax: 817-421-8019	GT	Houston Industrial Services Branch #566 2025 Turning Basin Dr. Houston, TX 77029 Phone: 713-343-0447 Fax: 713-674-0541	IS	Load Banks of America P&P Branch #386 1912 Benchmark Dr. Austin, TX 78728 Phone: 512-251-2496
Denton Branch #274 400 I-35 E South Denton, TX 76205 Phone: 940-382-9311 Fax: 940-483-0173	GT	Freeport Branch #043 2410 FM 523 Oyster Creek, TX 77541 Phone: 1-800-667-9328	GT	Houston Branch #262 12416 Hempstead Rd. Houston, TX 77092 Phone: 713-462-4662 Fax: 713-462-0726	GT	Houston Flooring Solutions Branch #609 5280 N Sam Houston Pkwy E Houston, TX 77032 Phone: 713-340-5377 Fax: 713-340-5376	FS	Longview Branch #235 2111 E Loop 281 Longview, TX 75605 Phone: 903-236-7368 Fax: 903-236-8895
Devers Oil & Gas Branch #434 201 Hwy 90 W Devers, TX 77538 Phone: 877-687-1146 Fax: 936-549-7231	O&G	Fredericksburg Branch #265 1003 North Llano St. Fredericksburg, TX 78624 Phone: 830-997-7137 Fax: 830-997-3231	GT	Houston Branch #555 3805 Lamar St. Houston, TX 77023 Phone: 713-225-0005 Fax: 713-225-3447	GT	Houston Pump & Power P&P Branch #147 330 Richey St. Pasadena, TX 77506 Phone: 713-672-7895 Fax: 713-672-7853		Lubbock Branch #137 115 S Loop 289 Lubbock, TX 79404 Phone: 806-392-9066 Fax: 806-392-9067
El Paso Branch #391 11508 Cedar Oak Dr. El Paso, TX 79936 Phone: 915-613-0841	GT 	Frisco Branch #681 3360 Preston Rd. Frisco, TX 75034 Phone: 972-335-1410 Fax: 972-335-7591	Lowe's	Houston Branch #603 19935 Katy Fwy Houston, TX 77094 Phone: 281-829-3244 Fax: 281-829-3240	Lowe's	Irving Branch #273 1400 N Loop 12 Irving, TX 75061 Phone: 972-554-1554 Fax: 972-554-8782	GT	Mesquite Branch #628 4444 N Galloway Ave. Mesquite, TX 75150 Phone: 972-279-7368 Fax: 972-279-2231
Fairfield Oil & Gas Branch #433 1350 Hwy 84 W Fairfield, TX 75840 Phone: 877-687-1146 Fax: 903-389-3894	O&G	Garland Branch #277 3720 Forest Ln. Garland, TX 75042 Phone: 972-487-5959 Fax: 972-487-0482	GT	Houston AWP Branch #341 10620 Needham St. Houston, TX 77013 Phone: 713-672-1277 Fax: 713-672-8277	AWP	Irving Branch #349 412 E Airport Fwy Irving, TX 75062 Phone: 214-441-2772 Fax: 214-441-2783	GT	Odessa Branch #511 2708 E I-20 Odessa, TX 79766 Phone: 432-580-7300 Fax: 432-335-8077
Fort Worth Branch #270 711 N Beach St. Fort Worth, TX 76111 Phone: 817-831-3121 Fax: 817-831-2473	GT	Golden Triangle Scaffolding Branch #595 590 W Fwy Blvd. Rose City, TX 77662 Phone: 713-534-0600 Fax: 409-783-0563	SS	Houston Climate Control Branch #462 3805 Lamar St. Houston, TX 77023 Phone: 800-892-8677 Fax: 610-459-3822	CC	Katy Branch #033 23559 Clay Rd. Katy, TX 77493 Phone: 346-307-8191 Fax: 346-307-8190	GT	Odessa Oil & Gas Branch #425 1408 W I-20 Odessa, TX 79763 Phone: 877-687-1146 Fax: 432-582-2212
Fort Worth Branch #282 4001 Benbrook Hwy Fort Worth, TX 76132 Phone: 817-738-2111 Fax: 817-738-2152	GT	Gonzales Oil & Gas Branch #439 226 Commerce Ct. Gonzales, TX 78629 Phone: 877-687-1146 Fax: 830-519-4127	O&G	Houston Climate Control Branch #675 14818 Park Alameda Dr. Houston, TX 77047 Phone: 800-892-8677	CC	Lewisville Branch #565 1750 E Hwy 121 Business Lewisville, TX 75056 Phone: 972-492-7601 Fax: 972-492-7421	GT	Pasadena Branch #231 320 South Richey St. Pasadena, TX 77506 Phone: 713-477-7368 Fax: 713-477-2380

LOCATION DIRECTORY

Specialty Key:

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Pasadena Branch #557 5513 Spencer Hwy Pasadena, TX 77505 Phone: 281-487-7171 Fax: 281-487-7751	GT	San Angelo Oil & Gas Branch #427 4185 N Bryant Blvd. San Angelo, TX 76901 Phone: 877-687-1146 Fax: 325-658-2910	O&G	San Antonio Pump & Power Branch #578 5631 S. IH-35 New Braunfels, TX 78132 Phone: 210-662-7743 Fax: 210-662-7932	P&P	Woodlands Branch #385 23510 Interstate 45 N Spring, TX 77373 Phone: 281-288-5084 Fax: 281-288-9883	GT	Salt Lake City Climate Control Branch #567 3584 W 1820 S Salt Lake City, UT 84104 Phone: 800-892-8677 Fax: 801-478-7384	CC	
Pearland Branch #559 13091 South Fwy Huston, TX 77047 Phone: 281-648-0800 Fax: 281-648-0818	GT	San Antonio Branch #255 1802 Austin Hwy San Antonio, TX 78218 Phone: 210-822-9913 Fax: 210-804-2118	GT	Selma Branch #319 16825 IH 35 N Selma, TX 78154 Phone: 210-424-7400 Fax: 210-424-7404	GT	UTAH			Salt Lake City Industrial Services Branch #321 2006 W 1500 S Salt Lake City, UT 84104 Phone: 855-260-6726	IS OPENING SOON
Plano Branch #275 2801 Archerwood St. Plano, TX 75074 Phone: 972-881-1330 Fax: 972-881-1476	GT	San Antonio Branch #347 5446 Interstate 10 E San Antonio, TX 78219 Phone: 210-648-8000 Fax: 210-666-1370	GT	Texas City Branch #233 3524 First Ave. S Texas City, TX 77590 Phone: 409-942-4222 Fax: 409-942-1937	GT	Farr West Branch #564 1548 N 2000 W Farr West, UT 84404 Phone: 801-732-8807 Fax: 801-732-8830	GT	Salt Lake City Pump & Power Branch #581 48 N 1330 W Orem, UT 84057 Phone: 801-224-7342 Fax: 801-224-7345	P&P	
Pleasanton Oil & Gas Branch #428 43 Pullin Rd. Pleasanton, TX 78064 Phone: 877-687-1146 Fax: 830-569-8667	O&G	San Antonio Climate Control Branch #676 18838 FM 2252 San Antonio, TX 78266 Phone: 800-892-8677	CC	Victoria Branch #556 411 Hartman Rd. Victoria, TX 77905 Phone: 361-576-3434 Fax: 361-576-5767	GT	Industrial Heat Solutions Branch #772 2006 W 1500 S Salt Lake City, UT 84104 Phone: 801-401-9025 Fax: 801-401-9026	P&P	VIRGINIA		
Port Arthur Branch #232 9991 Memorial Blvd. Port Arthur, TX 77640 Phone: 409-724-7368 Fax: 409-727-5071	GT	San Antonio North West Branch #654 11333 Bandera Rd. San Antonio, TX 78250 Phone: 210-256-7368 Fax: 210-682-1018	Lowe's	West Houston Branch #393 10721 Westpark Dr. Houston, TX 77042 Phone: 832-242-0200 Fax: 832-242-0218	GT	Roosevelt Oil & Gas Branch #435 2100 W Hwy 40 Roosevelt, UT 84066 Phone: 877-687-1146 Fax: 435-722-0363	O&G	Charlottesville Branch #165 1965 Northside Dr. Charlottesville, VA 22911 Phone: 434-964-0005 Fax: 434-964-0206	GT	
Rockwall Branch #272 2582 State Hwy 276 Rockwall, TX 75032 Phone: 469-377-1117 Fax: 469-377-1117	GT	San Antonio Branch #680 11718 Interstate 35 N San Antonio, TX 78233 Phone: 210-599-6444 Fax: 210-599-6800	Lowe's	Waco Branch #280 7011 Woodway Dr. Woodway, TX 76712 Phone: 254-772-3434 Fax: 254-772-6582	GT	Salt Lake City AWP Branch #330 1555 W 2100 S Salt Lake City, UT 84119 Phone: 801-974-5858 Fax: 801-974-5588	AWP	Chesapeake Branch #154 1012 Executive Blvd. Chesapeake, VA 23320 Phone: 757-436-2403 Fax: 757-436-7043	GT	
Round Rock Branch #281 16256 N IH 35 Austin, TX 78728 Phone: 512-676-3393 Fax: 512-676-3392	GT	San Antonio - North Branch #691 1200 N FM 1604 W San Antonio, TX 78248 Phone: 210-408-2515 Fax: 210-408-2530	Lowe's	Waco Climate Control Branch #679 7005 Woodway Dr. Woodway, TX 76712 Phone: 800-892-8677	CC	Salt Lake City Branch #505 55 E 2400 S S. Salt Lake City, UT 84115 Phone: 801-486-0055 Fax: 801-486-0059	GT	Chesapeake Scaffolding Branch #148 3028 Yadkin Rd. Chesapeake, VA 23323 Phone: 757-558-1778 Fax: 757-558-1080	SS	
				The Woodlands Branch #649 3052 College Park Dr. The Woodlands, TX 77384 Phone: 936-273-0530 Fax: 936-273-0801	Lowe's					

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Fredericksburg Branch #169 1250 Belman Rd. Fredericksburg, VA 22401 Phone: 540-710-1300 Fax: 540-710-1937	GT	Northern Virginia Pump & Power Branch #790 8250 Chatsworth Dr. Manassas, VA 20109 Phone: 703-334-4070 Fax: 703-334-4071	P&P	Springfield Branch #152 7914 Kincannon Pl. Lorton, VA 22079 Phone: 703-550-8320 Fax: 703-550-8964	GT	Warrenton Branch #520 4597 Lee Hwy New Baltimore, VA 20187 Phone: 540-347-3291 Fax: 540-349-7276	GT	Lynnwood Branch #345 2224 196th St. SW Lynnwood, WA 98036 Phone: 425-673-6335 Fax: 425-673-5765	GT
Lynchburg Branch #584 2711 Mayflower Dr. Lynchburg, VA 24501 Phone: 434-338-1400 Fax: 434-338-1401	GT	Richmond Branch #153 2332 Willis Rd. Richmond, VA 23237 Phone: 804-275-8858 Fax: 804-271-3466	GT	Sterling Branch #151 17 Douglas Ct. Sterling, VA 20166 Phone: 703-478-0210 Fax: 703-478-9506	GT	West Creek Branch #166 12570 Broad Rd. Richmond, VA 23233 Phone: 804-364-3026 Fax: 804-364-3101	GT	Redmond Branch #351 17950 Redmond Way Redmond, WA 98052 Phone: 425-885-0505 Fax: 425-558-2319	GT
Manassas Branch #176 8738 Vulcan Ln. Manassas, VA 20109 Phone: 703-369-4690 Fax: 703-369-3578	GT	Richmond AWP Branch #158 11005 Washington Hwy Glen Allen, VA 23059 Phone: 804-550-2155 Fax: 804-550-2083	AWP	Sterling Branch #521 23725 Pebble Run Pl. Sterling, VA 20166 Phone: 703-661-0700 Fax: 703-661-3596	GT	Winchester Branch #162 187 Precision Dr. Winchester, VA 22603 Phone: 540-667-2637 Fax: 540-667-8650	GT	Seattle Climate Control Branch #736 18441 Cascade Ave. S Tukwila, WA 98188 Phone: 800-892-8677 Fax: 206-575-9252	CC
Manassas Climate Control Branch #459 10110 Harry J Parrish Blvd. Manassas, VA 20110 Phone: 800-892-8677 Fax: 703-334-4083	CC	Richmond Climate Control Branch #468 10487 Washington Hwy Glen Allen, VA 23059 Phone: 800-892-8677 Fax: 610-459-4822	CC	Tidewater AWP Branch #193 4419 Bainbridge Blvd. Chesapeake, VA 23320 Phone: 757-545-1663 Fax: 757-905-6440	AWP	WASHINGTON			
McLean Branch #150 1552 Spring Hill Rd. McLean, VA 22102 Phone: 703-356-6262 Fax: 703-356-9046	GT	Richmond Pump & Power Branch #455 9400 Burge Ave. Richmond, VA 23237 Phone: 804-275-8237 Fax: 804-275-8874	P&P 	Tidewater Climate Control Branch #758 5164 W Military Hwy Chesapeake, VA 23321 Phone: 800-892-8677 Fax: 757-969-5749	CC				
Newport News Branch #161 745 Industrial Park Dr. Newport News, VA 23608 Phone: 757-877-1323 Fax: 757-877-9410	GT	Richmond Scaffolding Branch #159 11005 Washington Hwy Glen Allen, VA 23059 Phone: 804-550-2927 Fax: 804-550-2083	SS	Virginia Beach Branch #167 4750 Baxter Rd. Virginia Beach, VA 23462 Phone: 757-499-7131 Fax: 757-499-8131	GT				
Northern Pile Driving Branch #181 8 Bryant Ct. Sterling, VA 20166 Phone: 703-435-2800 Fax: 703-435-4530	PD	Roanoke Branch #160 5130 Peters Creek Rd. Roanoke, VA 24019 Phone: 540-362-1442 Fax: 540-563-2298	GT	Virginia Beach Pump & Power Branch #173 4750 Baxter Rd. Virginia Beach, VA 23462 Phone: 757-499-1338 Fax: 757-499-1533	P&P	Fife Branch #344 3901 Pacific Hwy E Fife, WA 98424 Phone: 253-274-0088 Fax: 253-274-0346	GT	Spokane Branch #105 13405 W Sunset Hwy Airway Heights, WA 99001 Phone: 509-838-3546 Fax: 509-838-3552	GT
				Kennewick Branch #328 9115 W Clearwater Ave. Kennewick, WA 99336 Phone: 509-735-3049 Fax: 509-783-0716	GT	Kent Branch #327 20215 84th Ave. S Kent, WA 98032 Phone: 253-872-0799 Fax: 253-872-0599	GT	Vancouver Branch #377 7103 NE 88th St. Vancouver, WA 98665 Phone: 360-750-4555 Fax: 360-750-4777	GT
				Lacey Branch #125 7851 29th Ave. NE Lacey, WA 98516 Phone: 360-412-8115 Fax: 360-252-4667	GT	Woodinville Branch #354 19265 Woodinville-Snohomish Rd. Woodinville, WA 98072 Phone: 425-486-6060 Fax: 425-483-4277	GT		

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WEST VIRGINIA

Charleston

Branch #168
 1716 Pennsylvania Ave.
 Charleston, WV 25302
 Phone: 304-342-5000
 Fax: 304-342-8829

GT

Fairmont

Branch #218
 2039 Pleasant Valley Rd.
 Fairmont, WV 26554
 Phone: 304-363-7918
 Fax: 304-363-7648

GT

St. Albans

Branch #217
 6580 MacCorkle Ave. SW
 St. Albans, WV 25177
 Phone: 304-766-6224
 Fax: 304-766-9796

GT

Milwaukee

Branch #365
 W231 N1125 Hwy F
 Waukesha, WI 53189
 Phone: 262-521-3100
 Fax: 262-521-2806

GT

Milwaukee

Climate Control
 Branch #587
 309 Wilmont Dr.
 Waukesha, WI 53189
 Phone: 800-892-8677
 Fax: 262-521-1536

CC

Racine

Branch #776
 3485 S 27th St.
 Franksville, WA 53126
 Phone: 262-824-2001
 Fax: 262-824-2002

GT

Wausau

Branch #789
 9306 Weston Ave.
 Weston, WI 54476
 Phone: 715-870-4222
 Fax: 715-870-4223

GT

WISCONSIN

Green Bay

Branch #367
 2046 Creamery Rd.
 De Pere, WI 54115
 Phone: 920-336-6884
 Fax: 920-336-6886

GT

Madison

Branch #366
 2809B Larue Fields Ln.
 Sun Prairie, WI 53590
 Phone: 608-318-8700
 Fax: 608-318-8709

GT

Milwaukee

Pump & Power

Branch #788
 W231 N1125 Hwy F
 Waukesha, WI 53186
 Phone: 262-521-1536
 Fax: 262-832-8627

P&P

WYOMING

Cheyenne Scaffolding

Branch #589
 4120 West 5th St.
 Cheyenne, WY 82007
 Phone: 307-635-2065
 Fax: 307-635-2074

SS

See Canadian locations on the following page.

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CANADA

ALBERTA

Airdrie

Branch #835
1-20 East Lake Green
Airdrie, AB T4A 2J2
Phone: 403-948-3268
Fax: 403-948-0592

GT

Calgary

Branch #808
11330 70 th St. SE
Calgary, AB T2C 4Y3
Phone: 587-747-7891
Fax: 587-747-7892

GT

Edmonton

Branch #809
12160 68 St.
Edmonton, AB T5B 1R1
Phone: 780-413-9282
Fax: 780-413-0172

GT

Fort McMurray

Branch #818
315 B McCaig Cres
Fort McMurray, AB T9H 4Y4
Phone: 780-799-0254
Fax: 587-674-2312

GT

Leduc

Branch #834
6109 46th St.
Leduc, AB T9E 6T8
Phone: 780-612-9640
Fax: 780-612-9645

GT

Okotoks

Branch #494
1111 N. Railway St. 101
Okotoks, AB T1S 1A8
Phone: 403-938-7368
Fax: 403-938-7395

GT

Red Deer

Branch #816
30 Industrial Dr.
Sylvan Lake, AB T4S 1P4
Phone: 403-887-0012
Fax: 403-887-0441

GT

BRITISH COLUMBIA

Abbotsford

Branch #837
31790 South Fraser Way
Abbotsford, BC V2T 1T9
Phone: 604-852-1159
Fax: 604-852-1164

GT

Coquitlam

Branch #838
93 N Bend St.
Coquitlam BC V3K 6N1
Phone: 604-291-8001
Fax: 604-291-8007

GT

Cloverdale

Branch #836
17510 57th Ave.
Cloverdale, BC V3S 1G7
Phone: 604-574-8318
Fax: 604-574-0762

GT

Downtown Vancouver

Branch #409
520 Raymur Ave.
Vancouver, BC V6A 3L2
Phone: 604-424-9018
Fax: 604-424-9019

GT

Richmond

Branch #839
12288 Bridgeport Rd.
Richmond, BC V6V 1J5
Phone: 604-273-8885
Fax: 604-273-8815

GT

Vancouver

Climate Control
Branch #449
93 N Bend St.
Coquitlam, BC V3K 6N1
Phone: 800-892-8677

CC

Vancouver

Entertainment Services
Branch #498
41 Fawcett Rd.
Coquitlam, BC V3K 6V2
Phone: 604-424-8188
Fax: 604-424-8187

GT

Vancouver Pump & Power

Branch #402
41 Fawcett Rd.
Coquitlam, BC V3K 6V2
Phone: 800-736-2504

P&P
OPENING
SOON

SASCATCHEWAN

Saskatoon

Branch #819
2636 Millar Ave.
Saskatoon, SK S7K 4C8
Phone: 306-933-3020
Fax: 306-934-2624

GT

Saskatoon

Heating Services
Branch #496
2642 Millar Ave.
Saskatoon, SK S7K 4C8
Phone: 306-934-3030
Fax: 306-934-2624

GT



sunbeltrentals.com

Account No. _____ PC # _____ Rep # _____

APPLICATION FOR CREDIT & RENTAL AGREEMENT

Confidential Credit Information

Phone: 800-508-4756 Fax: 888-886-7820 E-mail: sunbeltcredit@sunbeltrentals.com

You can also apply online—go to: www.sunbeltrentals.com/credit

In order to process your request, this agreement must be signed. Please attach a company credit profile if available.

AC 3/17c

Customer Name (Individual or Company) _____		Physical Address _____	Mailing Address _____
(d/b/a) Trade Name _____		City _____	City _____
Phone Number _____	Fax Number _____	State, Zip Code _____	State, Zip Code _____

BUSINESS INFORMATION ☐ Corporation ☐ LLC ☐ Partnership ☐ Proprietorship Length of Time in Business _____
(If less than 2 years, please provide INDIVIDUAL PERSONAL GUARANTY information below and sign guaranty on reverse side.)
Previous Business Name _____ D & B# _____
Have you ever filed bankruptcy? _____ Federal Tax ID# _____
Bonding Agent Name and Address _____

SIGNATORY INFORMATION (Authorized Agent)

Name _____	(Please Print)	Title / Relationship to Customer _____
Address _____		
City _____	State _____	Zip _____
Phone Number _____	Social Security Number _____	
Email Address _____		

BANKING INFORMATION

Bank Name _____		
Contact Name _____	Phone _____	
Address _____		
City _____	State _____	Zip _____
Checking Account Number _____	Loan Account Number _____	

ACCOUNTING INFORMATION

Purchase Order Number Required? ☐

Job #s Required ☐

Tax Exempt? ☐

If checked, attach proper forms.

Interested in online access to Account Information? ☐

Insurance Co. _____

Insurance Contact Person _____

Insurance Co. Phone No. _____

Certificate of Insurance being forwarded ☐

Insurance Certificate required prior to rental.

Accounts Payable (A/P) Contact _____	A/P E-Mail Address _____	A/P Phone Number _____	A/P Fax Number _____

TRADE REFERENCES	City, State	Phone Number

Rental Companies Previously Used? ☐ United/RSC ☐ Herc/Hertz ☐ Other _____

Continued on back of form

APPLICATION FOR CREDIT & RENTAL AGREEMENT
Confidential Credit Information

TERMS & AGREEMENT *(Must be signed for account processing)*

The undersigned ("Customer") in consideration of Sunbelt Rentals, Inc. or any of its subsidiaries and affiliated entities, successors or assigns ("Sunbelt") extending commercial credit based upon the information furnished herein, warrants and agrees that by executing this Agreement: (a) all purchases/rentals made by Customer from Sunbelt are subject to the terms and conditions contained herein; (b) Customer has received, read, understands and accepts all of the terms and conditions of Sunbelt's rental contract, which are on the reverse side of each and every rental contract, found at www.sunbeltrentals.com/About/pdf/SunbeltContract.pdf and available in writing, upon request, including the release, indemnification and insurance provisions in sections 8 and 9 ("Rental Contract"); (c) the Rental Contract terms are deemed incorporated into and made a part of this Agreement and each and every rental/sale of equipment and/or provision of labor furnished to Customer, whether or not Customer executes each Rental Contract; and (d) any terms in the Customer's acceptance, purchase order or other documentation that are inconsistent with or in addition to this Agreement (except such additional terms which are required by law) shall be void and of no effect (any use or reference to Customer's purchase order or purchase order number in any Rental Contract is for Customer's convenience only). Sunbelt shall deliver equipment in consideration for Customer's agreement to be bound by the Rental Contract. Customer also confirms that they and/or the persons or companies who will have access to the equipment purchased and/or rented are not listed on the Specially Designated Nationals ("SDN") List maintained by the Office of Foreign Assets Control, nor any other denied persons list maintained by a U.S. government agency, and agrees to notify Sunbelt should they become listed in the future. Refer to www.treas.gov/offices/enforcement/ofac/ for information regarding the SDN list and to www.bis.doc.gov for information on other denied parties lists and other U.S. export restrictions.

In making this Agreement upon which Sunbelt will rely to extend commercial credit, I/We agree to Sunbelt's terms of payment as follows: NET DUE UPON RECEIPT on all accounts and service charges of 1.5% per month on all invoices/contracts not paid when due or the maximum rate permitted by law, whichever is less. Any disputed invoices must be brought to the attention of the Sunbelt within fifteen (15) days of the receipt or the invoices/contracts are deemed correct and undisputed. At Sunbelt's discretion, any account with a delinquent balance may be placed on a cash basis, deposits may be required and the rental equipment picked up without notice. If collection of amounts due requires the assistance of a collection agency or attorneys, suit is brought hereon, or it is enforced through any judicial proceeding whatsoever, I/We agree (a) that Sunbelt reserves the right to bring legal action in whatever jurisdiction Sunbelt deems necessary, whose laws, at the option of Sunbelt, shall govern this Agreement, and (b) to pay all costs and expenses of collection, including but not limited to, reasonable attorney's fees, not exceeding a sum equal to fifteen percent (15%) of the outstanding balance owing, plus all other reasonable expenses incurred by Sunbelt in exercising any of Sunbelt's rights and remedies.

The individual executing this Agreement below warrants that (i) s/he is authorized to do so; (ii) the information contained in this Agreement is a true and correct statement of the financial condition of Customer; and (iii) a photo or facsimile copy of this Agreement shall be valid as the original. If any part of this Agreement is held unenforceable, the remainder of this Agreement shall not be affected thereby. Customer waives the right to a jury trial of any or all claims or disputes which may arise from this Agreement. **I/We authorize Sunbelt to make whatever credit inquiries it deems necessary in connection with this Agreement.** Bank and trade reference(s) can accept this authorization to disclose to Sunbelt and/or their respective designees (and any assignee or potential assignee thereof), Customer information normally released to a prospective creditor including: length of time account has been active, average monthly balances, how the account has been handled, and details of any lending relationship. I/We authorize Sunbelt to contact our insurance company and authorize the insurance company to issue insurance certificate(s) when Sunbelt's calls from time to time showing the insurance required in the Rental Contract to be maintained by Customer.

Print Customer Name: _____

Print Authorized Officer's Name: _____

Authorized Officer's Signature: _____

Print Authorized Officer's Title: _____

Date: _____

INDIVIDUAL PERSONAL GUARANTY

The undersigned guarantor(s), for and in consideration of Sunbelt extending credit at my/our request to the Customer named above, in which I/we have a financial interest, jointly, severally and unconditionally personally guarantee prompt payment and performance of any obligations Customer to Sunbelt whether now existing or hereinafter made, and further agree to bind myself/ourselves to pay on demand any sum which is due by Customer to Sunbelt whenever Customer fails to pay the same. It is understood that this guaranty shall be absolute, continuing and irrevocable for such indebtedness of Customer. I/We expressly waive presentment, demand, protest, my/our homestead exemption as to this debt, notice of protest, dishonor, diligence, maturity, default or nonpayment, acceptance of this guaranty, extending of any guaranteed indebtedness already or hereafter contracted for by Customer, any modifications or renewals of any credit agreement evidencing the indebtedness hereby guaranteed and all setoffs and counterclaims.

If collection of amounts due requires the assistance of a collection agency or attorneys, suit is brought hereon, or it is enforced through any judicial proceeding whatsoever, I/We agree (a) that Sunbelt reserves the right to bring legal action in whatever jurisdiction Sunbelt deems necessary, whose laws, at the option of Sunbelt, shall govern this Agreement, and (b) to pay all costs and expenses of collection, including reasonable attorney's fees not exceeding a sum equal to fifteen percent (15%) of the outstanding balance owing, plus all other reasonable expenses incurred by Sunbelt in exercising any of Sunbelt's rights and remedies.

The Undersigned recognizes the obligation of the Applicant and the undersigned and agrees to hold the portion of all payments received by Applicant which include payment to Applicant for the rent and/or purchase of equipment and supplies furnished by Sunbelt pursuant to this agreement to be held in a separate trust account for payment to Sunbelt. The undersigned agrees to act as fiduciary for payment to Sunbelt and agrees that Applicant shall not use said payments for any other purpose, in exchange for the Applicant's ability to rent and/or purchase equipment and supplies on a credit account. The undersigned agrees that any failure to hold payments in trust for Sunbelt shall create a debt which is not dischargeable in bankruptcy and which shall be an exception to discharge pursuant to the terms of 11 USC 523 (a)(4) and (6). The undersigned represent that (i) the information contained in this Agreement is a true and correct statement of the financial condition of Customer; and (ii) a photo or facsimile copy of this Agreement shall be valid as the original. If any part of this Agreement is held unenforceable, the remainder of this Agreement shall not be affected thereby. The undersigned hereby waives the right to a jury trial of any or all claims or disputes which may arise from this Agreement. Sunbelt shall not be required to exhaust all remedies against Customer prior to exercising its rights against Guarantor(s). **I/We authorize Sunbelt to make whatever credit inquiries it deems necessary in connection with this Agreement.** Bank and trade reference(s) can accept this authorization to disclose to Sunbelt and/or their respective designees (and any assignee or potential assignee thereof), Guarantor(s) information normally released to a prospective creditor including: length of time account has been active, average monthly balances, how the account has been handled, and details of any lending relationship.

Guarantor's Signature: _____

Guarantor's Signature: _____

Print Guarantor's Name: _____

Print Guarantor's Name: _____

Address: _____

Address: _____

SSN: _____

SSN: _____

Witness Signature: _____

Witness Signature: _____

Print Witness Name: _____

Print Witness Name: _____

Date: _____

Date: _____

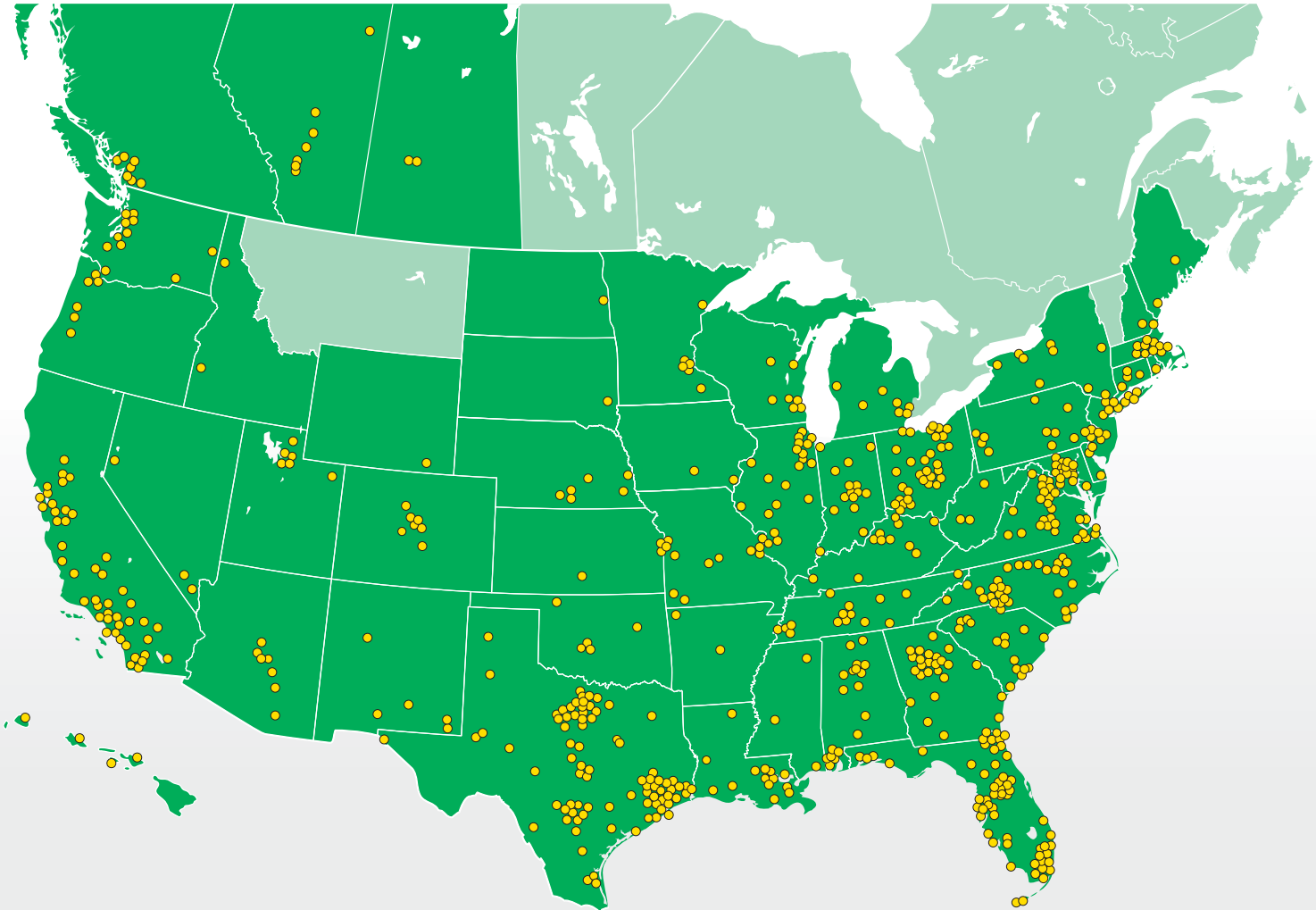
In order to process your request, this agreement must be signed. Please attach a company credit profile if available.

Fax to your nearest Sunbelt Rentals Location —or— 888-886-7820

Mail: Sunbelt Rentals, Inc. • 1004 Hickory Hill Lane, Unit 1 • Hermitage, TN 37076 • 800-508-4756

SUNBELT RENTALS LOCATIONS

U.S. AND CANADA



Sunbelt Rentals is one of the largest equipment rental companies in North America. Backed by an ever expanding network, Sunbelt successfully services a variety of customers — from those in the commercial, residential, industrial, municipal and specialized service industries, to weekend do-it-yourselfers.

Designed to serve distinct customer segments requiring a high level of technical expertise, our specialty divisions offer a highly diversified product mix, as well as trained experts.

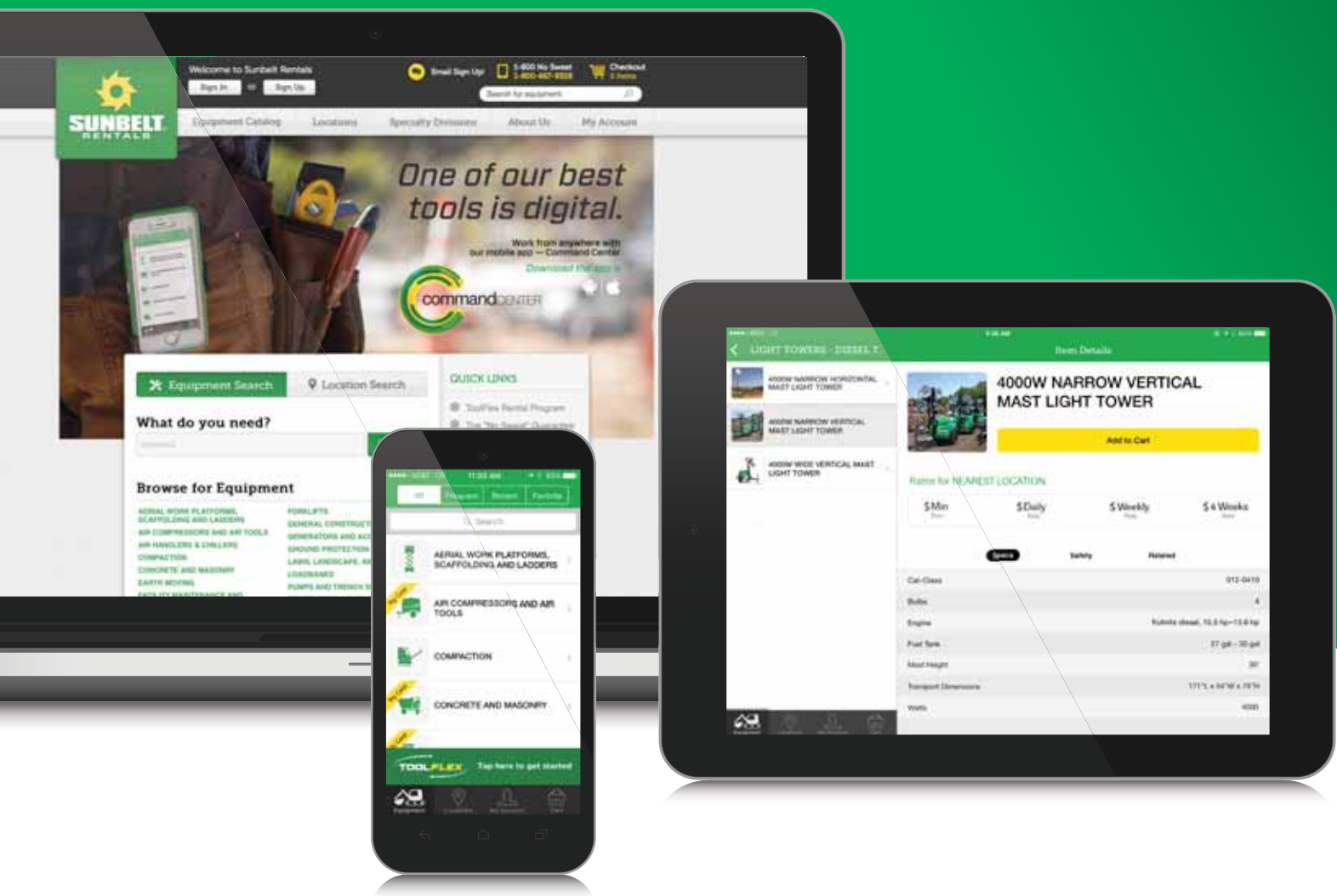
sunbeltrentals.com

General Tool & Equipment **1-800 No Sweat®** (667-9328)

Toll-free numbers that connect you to the nearest Sunbelt Rentals specialty locations.

Climate Control Services: **800-892-8677**
Facility Maintenance: **800-508-4760**
GSA Services: **800-667-9328**
Flooring Solutions: **844-723-4778**
Industrial Services: **855-260-6726**

Oil & Gas Services: **877-687-1146**
Pile Driving Equipment: **800-223-8427**
Pump & Power Services: **800-736-2504**
Remediation & Restoration: **800-508-4760**
Scaffold Services: **866-784-1785**



Command Center puts you in control on any device, anywhere, anytime.



In this age of information, Command Center serves as your digital ecosystem, providing insight into all aspects of the rental cycle from reservation to invoice – easily guiding you through a world of vast functionality.

Our suite of tools puts power, speed, and ease of use literally in your hands, at your fingertips. To learn more, call your Sunbelt Rentals representative or visit www.sunbeltrentals.com/about/mobile-apps.

