

Specifications



Excavator	E10	E20	E26	E32	E35 25 HP / 33 HP
Series	R	R	M	R	R
Tail Swing Type	Zero Tail	Zero Tail	Zero Tail	Conventional Tail	Zero Tail
– Tail Swing Overhang	—	—	—	13.8 in. (351 mm)	—
Weight	2593 lb. (1176 kg)	4306 lb. (1953 kg)	5673 lb. (2614 kg)	7340 lb. (3329 kg)	7699 lb. (3492 kg) / 7909 lb. (3587 kg)
Dig Depth	6 ft. (1820 mm)	8 ft. 5 in. (2565 mm)	8 ft. 10 in. (2696 mm)	10 ft. 3 in. (3117 mm)	10 ft. 3 in. (3117 mm)
Reach @ Ground Level	10 ft. 2 in. (3093 mm)	14 ft. (4264 mm)	15 ft. 4 in. (4675 mm)	16 ft. 4 in. (4980 mm)	17 ft. 2 in. (5230 mm)
Dump Height Clearance	6 ft. (1818 mm)	8 ft. 10 in. (2693 mm)	9 ft. 6 in. (2889 mm)	11 ft. (3340 mm)	11 ft. (3340 mm)
Width	28.0-43.0 in. (710-1100 mm)	39.0-54.0 in. (980-1363 mm)	61.0 in. (1550 mm)	61.0 in. (1550 mm)	69.0 in. (1750 mm)
Ground Pressure	4.2 psi (28.8 kPa)	4.4 psi (30.1 kPa)	3.7 psi (25.3 kPa)	4.7 psi (32.2 kPa)	4.6 psi (31.8 kPa) / 4.7 psi (32.7 kPa)
– Standard Track Width	7.1 in. (180 mm)	9.1 in. (230 mm)	11.8 in. (300 mm)	11.8 in. (300 mm)	11.8 in. (300 mm)
Performance					
Arm Breakout Force	1248 lbf. (5550 N)	2086 lbf. (9279 N)	3586 lbf. (15,950 N)	4859 lbf. (20,413 N)	4859 lbf. (20,413 N)
Bucket Breakout Force	1865 lbf. (8294 N)	4684 lbf. (20,835 N)	4991 lbf. (22,200 N)	6968 lbf. (30,995 N)	6968 lbf. (30,995 N)
Rated Lift Capacity					
(Over blade, ground level, 10 ft. (3 m) reach)	527 lb. (239 kg)	1098 lb. (498 kg)	1902 lb. (863 kg)	2795 lb. (1268 kg)	3232 lb. (1466 mm)
(Over side, ground level, 10 ft. (3 m) reach)	263 lb. (119 kg)	644 lb. (292 kg)	699 lb. (317 kg)	1376 lb. (624 kg)	1407 lb. (638 kg) / 1482 lb. (672 kg)
Travel Speed: Low/High	1.3/1.7 mph (2.1/2.8 km/hr.)	1.3/2.5 mph (2.1/4.0 km/hr.)	1.5/2.8 mph (2.4/4.5 km/hr.)	1.6/2.9 mph (2.6/4.7 km/hr.)	1.6/2.9 mph (2.6/4.7 km/hr.)
LONG ARM OPTION PERFORMANCE					
Tail Swing Type/Overhang	—	—	Minimal – 2.6 in. (65 mm)	Conv. – 17.3 in. (439 mm)	Minimal – 3.5 in. (89 mm)
Weight (with Long Arm & Counterweight)	—	—	6190 lb. (2808 kg)	8203 lb. (3720 kg)	8377 lb. (3800 kg) / 8587 lb. (3895 kg)
Dig Depth	—	—	9 ft. 10 in. (3000 mm)	11 ft. 3 in. (3417 mm)	11 ft. 3 in. (3417 mm)
Reach @ Ground Level	—	—	16 ft. 4 in. (4971 mm)	17 ft. 4 in. (5270 mm)	18 ft. 1 in. (5520 mm)
Dump Height Clearance	—	—	10 ft. 2 in. (3091 mm)	11 ft. 7 in. (3521 mm)	11 ft. 7 in. (3521 mm)
EXTENDABLE ARM OPTION PERFORMANCE					
Tail Swing Type/Overhang	—	—	—	Conv. – 17.3 in. (439 mm)	Minimal – 3.5 in. (89 mm)
Weight (with Ext. Arm & Counterweight)	—	—	—	8434 lb. (3825 kg)	8597 lb. (3899 kg) / 8807 lb. (3994 kg)
Dig Depth	—	—	—	12 ft. 11 in. (3932 mm)	12 ft. 11 in. (3932 mm)
Reach @ Ground Level	—	—	—	18 ft. 11 in. (5762 mm)	19 ft. 9 in. (6012 mm)
Dump Height Clearance	—	—	—	12 ft. 6 in. (3806 mm)	12 ft. 6 in. (3806 mm)
Engine					
Engine	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4
Horsepower	10.2 hp (7.6 kW)	13.9 hp (10.4 kW)	24.8 hp (18.5 kW)	24.8 hp (18.5 kW)	24.8 hp (18.5 kW) / 33.5 hp (25.0 kW)
Engine Type	Diesel	Diesel	Diesel	Diesel	Diesel / Turbo Diesel
Fuel Tank Capacity	4.2 gal. (16.0 L)	5.0 gal. (19.0 L)	9.1 gal. (34.6 L)	14.0 gal. (52.0 L)	14.0 gal. (52.0 L)
Engine Shutdown Protection Feature	—	Std	Std	Std	Std
Battery Run-Down Protection	—	Std	Std	Std	Std
Hydraulics					
Piston Pump	—	Yes	Yes	Yes	Yes
Load-Sensing Pump	—	Yes	Yes	Yes	Yes
Machine Features & Options					
Angle Blade	—	—	—	—	Opt
Auto-Idle Throttle	—	—	Std	Std	Std
Auto-Shift Travel System	—	Opt	Std	Std	Std
Automatic Slew Brake	—	Std	Std	Std	Std
Blade Float	—	—	Std	Std	Std
Cab with Heat	—	Opt	—	—	—
Cab with Heat and A/C	—	—	Opt	Opt	Opt
Control Pattern Selector	Std	Std	Std	Std	Std
Deluxe Cloth Seat	—	—	Opt	Opt	Opt
Fingertip Boom Swing Control	—	Opt	Std	Std	Std
Fold-Down TOPS	Std	—	—	—	—
Fuel Fill Alert	—	—	Std	Std	Std
Heated Seat	—	—	—	Opt	Opt
In-Track Swing Frame	Std	Std	Std	Std	Std
Keyless/Password Start System	Opt	Opt	Opt	Opt	Opt
Lift Point	Opt	Opt	—	Opt	Opt
Retractable Undercarriage	Std	Std	—	—	—
Steel Tracks	—	—	—	Opt	Opt
– Bolt-On Street Pads	—	—	—	Opt	Opt
Segmented Tracks	—	—	—	—	—
Features for Attachments					
X-Change Attachment Quick-Tach System	—	—	Std	Std	Std
Hydraulic Attachment Quick-Tach System	—	—	—	Opt	Opt
Auxiliary Hydraulics with Quick Couplers	Std	Std	Std	Std	Std
Auxiliary Hydraulic Flow	5.3 gpm (20.0 L/min.)	7.9 gpm (30.0 L/min.)	12.5 gpm (47.2 L/min.)	16.9 gpm (63.9 L/min.)	16.9 gpm (63.9 L/min.)
Auxiliary Hydraulic Pressure	2758 psi (190 bar)	2610 psi (180 bar)	2600 psi (179 bar)	2987 psi (206 bar)	2987 psi (206 bar)
Hydraulic Clamp	—	Opt	Opt	Opt	Opt
Fingertip Auxiliary Control	—	Opt	Std	Std	Std
Secondary Auxiliary Hydraulics	—	—	Opt	Opt	Opt
Selectable Auxiliary Flow	—	Opt	—	Std	Std



E42	E45	E50	E55	E63	E85
M	M	M	M	M	R
Conventional Tail	Zero Tail	Minimal Tail	Conventional Tail	Conventional Tail	Conventional Tail
16.9 in. (429 mm)	—	0.6 in. (16 mm)	13.4 in. (340 mm)	11.6 in. (295 mm)	13 in. (330 mm)
9246 lb. (4194 kg)	10,077 lb. (4571 kg)	10,677 lb. (4843 kg)	12,004 lb. (5445 kg)	13,779 lb. (6250 kg)	18,977 lb. (8608 kg)
10 ft. 6 in. (3205 mm)	10 ft. 10 in. (3300 mm)	11 ft. 7 in. (3524 mm)	12 ft. 11 in. (3923 mm)	13 ft. 6 in. (4115 mm)	15 ft. 5 in. (4692 mm)
17 ft. 3 in. (5246 mm)	18 ft. 7 in. (5670 mm)	19 ft. 6 in. (5939 mm)	20 ft. (6083 mm)	20 ft. 5 in. (6230 mm)	23 ft. 7 in. (7198 mm)
12 ft. 3 in. (3725 mm)	11 ft. 11 in. (3637 mm)	12 ft. 9 in. (3877 mm)	13 ft. 7 in. (4132 mm)	14 ft. (4260 mm)	16 ft. 7 in. (5055 mm)
69.0 in. (1750 mm)	77.2 in. (1960 mm)	77.2 in. (1960 mm)	77.2 in. (1960 mm)	78.0 in. (1980 mm)	87.0 in. (2205 mm)
4.3 psi (29.8 kPa)	3.7 psi (25.7 kPa)	3.9 psi (27.2 kPa)	4.8 psi (31.4 kPa)	5.1 psi (35.2 kPa)	5.6 psi (38.3 kPa)
13.8 in. (350 mm)	15.7 in. (400 mm)	15.7 in. (400 mm)	15.7 in. (400 mm)	15.7 in. (400 mm)	17.7 in. (450 mm)
5672 lbf. (25,230 N)	5332 lbf. (23,720 N)	6744 lbf. (29,997 N)	5751 lbf. (25,580 N)	5767 lbf. (25,654 N)	8253 lbf. (36,712 N)
9183 lbf. (40,850 N)	7650 lbf. (34,030 N)	8977 lbf. (39,930 N)	8977 lbf. (39,930 N)	9731 lbf. (43,287 N)	16,269 lbf. (72,368 N)
4603 lb. (2088 kg)	5131 lb. (2328 kg)	6034 lb. (2737 kg)	4999 lb. (2268 kg)	5902 lb. (2677 kg)	9754 lb. (4425 kg)
1459 lb. (662 kg)	1453 lb. (659 kg)	1610 lb. (730 kg)	2881 lb. (1307 kg)	3026 lb. (1372 kg)	4698 lb. (2131 kg)
1.6/2.9 mph (2.6/4.7 km/hr.)	1.5/2.6 mph (2.4/4.2 km/hr.)	1.9/3.1 mph (3.1/5.0 km/hr.)	1.9/3.1 mph (3.1/5.0 km/hr.)	1.6/2.9 mph (2.6/4.7 km/hr.)	1.7/2.9 mph (2.7/4.7 km/hr.)
Conv. – 17.6 in. (447 mm)	Minimal – 0.6 in. (16 mm)	Minimal – 3.6 in. (91 mm)	—	—	—
9722 lb. (4410 kg)	10,553 lb. (4787 kg)	11,195 lb. (5078 kg)	—	—	—
11 ft. 6 in. (3505 mm)	11 ft. 10 in. (3600 mm)	12 ft. 11 in. (3923 mm)	—	—	—
18 ft. 3 in. (5551 mm)	19 ft. 7 in. (5964 mm)	20 ft. 9 in. (6333 mm)	—	—	—
12 ft. 10 in. (3907 mm)	12 ft. 6 in. (3819 mm)	13 ft. 7 in. (4132 mm)	—	—	—
Conv. – 17.6 in. (447 mm)	Minimal – 0.6 in. (16 mm)	—	Conv. – 13.4 in. (340 mm)	—	—
9976 lb. (4525 kg)	10,807 lb. (4902 kg)	—	12,335 lb. (5595 kg)	—	—
12 ft. 6 in. (3814 mm)	12 ft. 10 in. (3909 mm)	—	14 ft. 7 in. (4443 mm)	—	—
19 ft. 1 in. (5824 mm)	20 ft. 6 in. (6241 mm)	—	21 ft. 7 in. (6566 mm)	—	—
13 ft. 3 in. (4050 mm)	13 ft. (3955 mm)	—	14 ft. 6 in. (4409 mm)	—	—
Tier 4	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4
42.6 hp (31.8 kW)	42.6 hp (31.8 kW)	49.7 hp (37.0 kW)	49.7 hp (37.0 kW)	59.4 hp (44.3 kW)	65.9 hp (49.2 kW)
Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Diesel	Turbo Diesel
21.0 gal. (79.0 L)	21.0 gal. (79.0 L)	21.0 gal. (79.0 L)	21.0 gal. (79.0 L)	20.6 gal. (78.0 L)	30.6 gal. (116.0 L)
Std	Std	Std	Std	—	—
Std	Std	Std	Std	—	Std
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Opt	Opt	Opt	Opt	—	—
Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std
—	—	—	—	—	—
Opt	Opt	Opt	Opt	Std	Std
Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Std	Std
Std	Std	Std	Std	Std	Std
—	—	—	—	—	—
Std	Std	Std	Std	—	Std
—	—	—	—	—	Opt
Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Std	Opt
Opt	Opt	Opt	Opt	Opt	Std
—	—	—	—	—	—
Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	—	—	Opt
—	—	—	—	—	Opt
Std	Std	Std	Std	Std	Opt
Opt	Opt	Opt	Opt	—	Opt
Std	Std	Std	Std	Std	Std
20.0 gpm (75.7 L/min.)	20.0 gpm (75.7 L/min.)	20.0 gpm (75.7 L/min.)	20.0 gpm (75.7 L/min.)	22.5 gpm (85.0 L/min.)	25.1 gpm (95.0 L/min.)
3045 psi (210 bar)	3045 psi (210 bar)	3045 psi (210 bar)	3045 psi (210 bar)	3045 psi (210 bar)	3045 psi (210 bar)
Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std