

# SPECIFICATIONS



Model	S70	S450	S510
Loader Series	K-Series	M3-Series	M3-Series
Rated Operating Capacity (ROC) (35% of tipping load)	–	–	–
ROC (50% of tipping load)	760 lb. (344 kg)	1370 lb. (621 kg)	1790 lb. (812 kg)
ROC With (optional 200 lb., 90 kg) Counterweight	–	1430 lb. (649 kg)	2023 lb. (917 kg)
Tipping Load	1520 lb. (689 kg)	2740 lb. (1243 kg)	3754 lb. (1702 kg)
Height to Bucket Hinge Pin	94.5 in. (2400 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)
Lift Arm Path	Radius	Radius	Radius
<b>Size and Speed</b>			
Operating Weight	2892 lb. (1312 kg)	5370 lb. (2436 kg)	6208 lb. (2816 kg)
Width With Bucket	36.0 in. (914 mm)	62.0 in. (1575 mm)	68.0 in. (1727 mm)
Height With Cab	71.4 in. (1814 mm)	77.8 in. (1976 mm)	77.8 in. (1976 mm)
Travel Speed - Low Range	6.3 mph (10.1 km/hr.)	7.6 mph (12.3 km/hr.)	7.6 mph (12.3 km/hr.)
Travel Speed - High Range (optional 2-Speed travel)	–	9.2 mph (14.8 km/hr.)	–
<b>Engine</b>	Tier 4	Tier 4	Tier 4
Horsepower	23.5 hp (17.5 kW)	49.0 hp (36.5 kW)	55.0 hp (41.0 kW)
Type	Diesel	Turbo Diesel	Turbo Diesel
Fuel Tank Capacity	6.5 gal. (24.6 L)	14.2 gal. (53.8 L)	24.8 gal. (93.7 L)
Horsepower Management	–	Included with SJC Option	Included with SJC Option
<b>Tires</b>			
Bobcat Heavy Duty	–	Std	Std
Bobcat Standard Duty	Std	–	–
Bobcat Superfloat Duty	–	–	–
<b>Tracks/Undercarriage</b>			
Track Width - Standard	–	–	–
Track Width - Optional	–	–	–
Ground Pressure (with standard tracks)	–	–	–
Ground Pressure (with optional tracks)	–	–	–
Length of Track on Ground	–	–	–
5-Link Torsion Suspension Undercarriage	–	–	–
Grease Cylinder Track Tensioning	–	–	–
<b>Control Options</b>			
Bobcat Standard (foot pedals/steering levers)	Std	Std	Std
Selectable Joystick Controls (SJC)	–	Opt	Opt
Radio Remote Control (SJC required)	–	Opt	Opt
<b>Machine Features</b>			
2-Speed Travel	–	Opt	–
Automatic Ride Control	–	–	–*
Back-Up Alarm and Horn	Std	Std	Std
Bobcat Interlock Control System (BICS™)	Std	Std	Std
Cab With Heat	–*	–*	–
Cab With Heat and Air Conditioning	–	Opt	Opt
Heated Cloth Air-Ride Seat	–	–*	–*
Hydraulic Bucket Positioning	–	–*	–*
Front and Rear Work Lights	Std	Std	Std
Mechanical Suspension Seat	Std	Std	Std
Radio	–	–*	–*
Reversing Fan	–	–	–*
ROPS/FOPS Approved Cab Structure	Std	Std	Std
Deluxe Panel	–	Opt	–*
Side Lighting Kit	–	–	–*
Sound Reduction Package	Opt	Opt	–*
<b>Features for Attachments</b>			
Attachment Control	–*	–*	–*
Bob-Tach Mounting System	Std	Std	Std
Power Bob-Tach System	–	Opt	–*
Fingertip Auxiliary Hydraulics Control	–	Std	Std
Hydraulic System Pressure	3000 psi (206.84 bar)	3300 psi (227.53 bar)	3550 psi (244.76 bar)
Hydraulic Standard Flow	9.8 gpm (37.1 L/min.)	16.7 gpm (63.2 L/min.)	17.1 gpm (64.7 L/min.)
Hydraulic High Flow	–	–	–
Pressure Release Hydraulic Quick Couplers	–	Std	Std
Speed Management	–	Included with SJC Option	Included with SJC Option



S590	T450	T550	T595
M3-Series	M3-Series	M3-Series	M3-Series
—	1490 lb. (676 kg)	1995 lb. (905 kg)	2200 lb. (998 kg)
2000 lb. (907 kg)	2120 lb. (962 kg)	2850 lb. (1293 kg)	3142 lb. (1425 kg)
2150 lb. (975 kg)	1656 lb. (745 kg)	2095 lb. (950 kg)	—
4202 lb. (1906 kg)	4257 lb. (1931 kg)	5792 lb. (2627 kg)	6517 lb. (2956 kg)
119.0 in. (3023 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119.0 in. (3023 mm)
Vertical	Radius	Radius	Vertical
6765 lb. (3069 kg)	6424 lb. (2914 kg)	7557 lb. (3428 kg)	8022 lb. (3638 kg)
68.0 in. (1727 mm)	56.0 in. (1422 mm)	68.0 in. (1727 mm)	68.0 in. (1727 mm)
77.8 in. (1976 mm)	77.8 in. (1976 mm)	77.8 in. (1976 mm)	77.8 in. (1976 mm)
6.9 mph (11.2 km/hr.)	6.9 mph (11.2 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)
11.4 mph (18.4 km/hr.)	11.0 mph (17.7 km/hr.)	—	—
Tier 4	Tier 4	Tier 4	Tier 4
68.0 hp (50.7 kW)	55.0 hp (41.0 kW)	68.0 hp (50.7 kW)	70.0 hp (52.2 kW)
Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel
24.8 gal. (93.7 L)	17.1 gal. (64.9 L)	36.5 gal. (138.2 L)	36.5 gal. (138.2 L)
Included with SJC Option	Included with SJC Option	Included with SJC Option	Included
—	—	—	—
—	—	—	—
Std	—	—	—
—	11.8 in. (300 mm)	12.6 in. (320 mm)	12.6 in. (320 mm)
—	—	15.7 in. (400 mm)	15.7 in. (400 mm)
—	4.8 psi (0.33 bar)	4.9 psi (0.34 bar)	5.1 psi (0.35 bar)
—	—	4.0 psi (0.27 bar)	4.1 psi (0.28 bar)
—	50.2 in. (1275 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)
—	—	—	—
—	Std	Std	Std
Std	Std	Std	—
Opt	Opt	Opt	Std
Opt	Opt	Opt	Opt
Opt	Opt	—	—
Opt	—	—*	Opt
Std	Std	Std	Std
Std	Std	Std	Std
—	—	—	—
Opt	Opt	Opt	Opt
—*	—*	—*	—*
Opt	—*	—*	Opt
Std	Std	Std	Std
Std	Std	Std	Std
—*	—*	—*	—*
—*	—	—*	—*
Std	Std	Std	Std
—*	—*	—*	—*
—*	—	—*	—*
—*	—*	—*	—*
Opt	—*	—*	Opt
Std	Std	Std	Std
Opt	Opt	—*	Opt
Std	Std	Std	Std
3550 psi (244.76 bar)	3300 psi (227.53 bar)	3550 psi (244.76 bar)	3550 psi (244.76 bar)
17.1 gpm (64.7 L/min.)	16.7 gpm (63.2 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)
—	—	—	—
Std	Std	Std	Std
Included with SJC Option	Included with SJC Option	Included with SJC Option	Included