

	Takeuchi TS50R	Bobcat S150	Bobcat S510	Case SR130	Case SR160	Caterpillar 216B Series 3	John Deere 315	New Holland L215	JCB 135
PERFORMANCE									
Loader Boom Design	Radial	Radial	Radial	Radial	Radial	Radial	Radial	Radial	Radial
Operating Weight	6,475 lbs	5,935 lbs	5,922 lbs	5,070 lbs	5,370 lbs	5,690 lbs	5,200 lbs	5,370 lbs	6,067 lbs
Tipping Load	3,000 lbs	3,101 lbs	3,300 lbs	2,600 lbs	3,200 lbs	2,800 lbs	3,000 lbs	3,000 lbs	2,989 lbs
Operating Capacity*	1,500 lbs	1,500 lbs	1,650 lbs	1,300 lbs	1,600 lbs	1,400 lbs	1,500 lbs	1,500 lbs	1,350 lbs
Bucket Breakout Force	3,900 lbs	NP	NP	4,180 lbs	5,270 lbs	4,083 lbs	2,440 lbs	4,150 lbs	4,012 lbs
Lift Arm Breakout Force	3,000 lbs	NP	NP	2,850 lbs	3,310 lbs	NP	3,900 lbs	4,275 lbs	3,175 lbs
Traction Force	8,453 lbs	NP	NP	NP	NP	NP	6,700 lbs	NP	NP
ENGINE									
Make / Model	Perkins / 404D-22	Kubota / V2203	Kubota / V2203	ISM / N844L-F/M4	ISM / N844LT-F/M4	Cat / C2.2	John Deere / 4024T	ISM / N844T	Perkins / 404D-22
Tier Rating	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4
Horsepower Gross (SAE J1995)	50 hp	45.9 hp	49 hp	48.8 hp	60 hp	51 hp	49 hp	52 hp	47.9 hp
Rated Engine Speed	2,800 rpm	2,700 rpm	2,800 rpm	2,800 rpm	2,800 rpm	NP	2,400 rpm	2,900 rpm	2,800 rpm
Maximum Torque	105 ft-lb	110 ft-lb	110 ft-lb	105.5 ft-lb	139 ft-lb	NP	139 ft-lb	109 ft-lb	105 ft-lb
DRIVE TRAIN									
Drive System	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Wheel Size	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5
Wheel Base	40.6"	40.6"	42.6"	37.0"	37.0"	39.0"	41.0"	37.0"	42.1"
Travel Speed Max	8.2 mph	7.3 mph	7.4 mph	7.4 mph	7.4 mph	7.9 mph	6.8 mph	6.7 mph	7.5 mph
Travel Speed - Optional 2 Speed	11.7 mph	11.1 mph	11.0 mph	NA	NA	NA	NA	NA	NA
HYDRAULIC SYSTEM									
Hydraulic Reservoir Capacity	8.0 gal	NP	NP	4.0 gal	4.0 gal	9.2 gal	5.0 gal	4.0 gal	6.9 gal
Auxiliary Flow – Standard	17.1 gpm	16.9 gpm	17.1 gpm	17.5 gpm	17.5 gpm	16.0 gpm	16.0 gpm	15.6 gpm	18.5 gpm
Hydraulic System Pressure	3,335 psi	3,306 psi	3,500 psi	3,050 psi	3,050 psi	3,335 psi	3,450 psi	3,000 psi	3,335 psi
DIMENSIONS									
Max. Lift Height to Bucket Pin	9' 7"	9' 6.4"	9' 6.5"	9' 4"	9' 4"	9' 4"	9' 7"	9' 4"	9' 10.1"
Dump Height Fully Raised	7' 3"	7' 2"	7' 2.8"	7' 0.8"	7' 0.8"	7' 1"	7' 5"	7' 0.8"	7' 5"
Reach Fully Raised	1' 9.7"	1' 6.1"	1' 5"	1' 10.7"	1' 10.7"	1' 8"	1' 9"	1' 6.5"	1' 10"
Transport Length (with Bucket)	11' 4.6"	10' 10.3"	11' 1"	10' 5"	10' 5"	10' 7"	10' 9"	10' 5"	11' 5.4"
Length without Bucket	8' 6.5"	8' 5.8"	8' 8.6"	7' 11.9"	7' 11.9"	8' 3"	8' 5"	7' 11.5"	8' 2"
Overall Width Without Bucket	5' 6"	5' 6"	5' 4.7"	4' 11.8"	4' 11.8"	5' 0"	4' 11"	4' 11.8"	5' 3"
Overall Height	6' 5"	6' 4.3"	6' 5.8"	6' 3.5"	6' 3.5"	6' 5"	6' 5"	6' 3.5"	6' 6"
Minimum Ground Clearance	10.5"	7.5"	7.3"	7.0"	7.0"	8.0"	7.6"	7.0"	8.3"