

	Takeuchi TW95	Caterpillar 910	Caterpillar 914	John Deere 344L	Hitachi ZW120-6	Volvo L45H	Volvo L50H
PERFORMANCE							
Loader Boom Design	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar
Operating Weight	18,188 lb (8,250 kg)	18,102 lb (8,109 kg)	19,103 lb (8,822 kg)	19,996 lb (9,070 kg)	17,900 lb (8,120 kg)	19,378 lb (8,790 kg)	20,900 lb (9,480kg)
Tipping Load, Straight	14,307 lb (6,490 kg)	13,105 lb (5,709 kg)	13,551 lb (6,149 kg)	12,897 lb (5,850 kg)	13,560lb (6,150 kg)	12,919 lb (5,860 kg)	14,462 lb (6,560 kg)
Tipping Load, Full Turn	12,652 lb (5,739 kg)	10,532 lb (4,779 kg)	11,328 lb (5,140 kg)	11,795 lb (5,350 kg)	11,710 lb (5,310 kg)	11,442 lb (5,190 kg)	12,808 lb (5,810 kg)
Operating Capacity*	6,326 lb (2,870 kg)	5,266 lb (2,390 kg)	5,664 lb (2,570 kg)	5,897 lb (2,675 kg)	5,855lb (2,657 kg)	5,721 lb (2,595 kg)	6,404 lb (2,905 kg)
Bucket Breakout Force	15,873 lb (7,200 kg)	11,632 lb (6,298 kg)	15,259 lb (6,924 kg)	14,388 lb (6,526 kg)	8,280 lb (3,755 kg)	15,601 lb (7,076 kg)	16,186 lb (7,341 kg)
Lift Arm Breakout Force	18,077 lb (8,200 kg)	NP	NP	NP	NP	15,601 lb (7,076 kg)	19,446 lb (8,820kg)
Traction Force	13,592 lb (6,165 kg)	NP	NP	NP	NP	NP	NP
*Operating capacity is 50% of full turn tipping load with bucket according to SAE J818							
ENGINE							
Make / Model	Deutz / TCD 3.6 L4	Cat C3.6	Cat C3.6	Deere / 4045T	Duetz TCD3.6L4F	Volvo D4J	Volvo D4J
Tier Rating	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4
Horsepower	114.0 hp (85 kW)	110.0 hp (82 kW)	100.0 hp (74 kW)	106.0 hp (78 kW)	99 hp (74 kW)	100 hp (74 kW)	117 hp (87 kW)
Rated Engine Speed	2,200 rpm	2,350 rpm	2,350 rpm	2,000 rpm	2,000 rpm	2,200 rpm	2,200 rpm
Maximum Torque	339.3ft-lb (460 Nm)	335 ft-lb (454 Nm)	335 ft-lb (454 Nm)	299.0 ft-lb (405 Nm)	NP	314.0 ft-lb (425 Nm)	350.0 ft-lb (475 Nm)
DRIVETRAIN							
Differential Lock	100%	100%	100%	100%	Limited Slip	100%	100%
Steering Articulation	40 deg	40 deg	40 deg	30 deg	40 deg	40 deg	40 deg
Frame or Axle Oscillation	12 deg	NP	NP	10 deg		12 deg	12 deg
Travel Speed Low Range	4.0 mph (6.5 km/hr)	6.3 mph (10 km/hr)	6.3 mph (10 km/hr)	11.2 mph (18.0 km/hr)	7.1 mph (11.5 km/hr)	3.7 mph (6 km/hr)	3.7 mph (6 km/hr)
Travel Speed High Range	12.4 mph (20 km/hr)	12.5 mph (20 km/hr)	12.5 mph (20 km/hr)	24.9 mph (40.0 km/hr)	21.4 mph (34.5 km/hr)	12.4 mph (20 km/hr)	12.4 mph (20 km/hr)
High Speed Road Gear	24.9 mph (40 km/hr)	25.0 mph (40 km/hr)	25.0 mph (40 km/hr)	NP	NP	19.0 mph (30 km/hr)	19.0 mph (30 km/hr)
HYDRAULIC SYSTEM							
Hydraulic Reservoir Capacity	28.0 gal (106.0 L)	14.5 gal (55 L)	14.5 gal (55 L)	30.4 gal (115.0 L)	19.8 gal (75 L)	25.1 gal (95 L)	25.1 gal (95 L)
Auxiliary Flow - Standard	26.4 gpm (100.0 L/m)	32.0 gpm (122 L/m)	39.0 gpm (148 L/m)	30.0 gpm (115 L/m)	32.0 gpm (122 L/m)	34.8 gpm (132 L/m)	34.8 gpm (132 L/m)
Auxiliary Flow - Optional	N/A	24.0 gpm (90 L/m)	24.0 gpm (90 L/m)	NP	NP	NP	NP
Hydraulic System Pressure	3,336 psi (23.0 MPa)	3,408 psi (23.5 MPa)	4,061 psi (28 MPa)	3,480 psi (24.0 MPa)	2,988 psi (20.6 MPa)	3,771 psi (26 MPa)	3,771 psi (26 MPa)
DIMENSIONS							
Wheelbase	8' 2.4" (2,500 mm)	8' 6" (2600 mm)	8' 6" (2600 mm)	8' 6" (2600 mm)	8' 11" (2,725 mm)	8' 8.3" (2,650 mm)	8' 8.3" (2,650 mm)
Outside Turning Radius	15' 1.4" (4,610 mm)	15' 5" (4,716 mm)	17' 2" (5,420 mm)	14' 11.5" (4,559 mm)	NP	15' 6.8" (4,745 mm)	15' 7.4" (4,760 mm)
Maximum Lift Height to Bucket Pin	11' 10.9" (3,630 mm)	12' 0" (3,673 mm)	12' 1" (3,701 mm)	12' 2" (3,708 mm)	11' 8" (3,560 mm)	12' 1.0" (3,685 mm)	12' 4.8" (3,780 mm)
Dump Height Fully Raised	8' 6" (2,605 mm)	9' 1" (2,772 mm)	9' 3" (2,820 mm)	9' 4" (2,844 mm)	8' 10" (2,705 mm)	9' 1.4" (2,780 mm)	9' 4.8" (2,865 mm)
Reach Fully Raised	2' 8.2" (820 mm)	2' 9" (863 mm)	2' 10" (889 mm)	3' 0" (905 mm)	3' 4" (1010 mm)	3' 1.8" (960 mm)	3' 1.9" (965 mm)
Overall Width Without Bucket	7' 1.8" (2,180 mm)	7' 4" (2,259 mm)	7' 4" (2,259 mm)	7' 9" (2,362 mm)	7' 5" (2,270 mm)	7' 0.6" (2,150 mm)	7' 2.2" (2,190 mm)
Overall Height	9' 7.4" (2,932 mm)	9' 10" (3,020 mm)	10' 1" (3,093 mm)	9' 11" (3,023 mm)	10' 6" (3,210 mm)	9' 8.1" (2,950 mm)	9' 9.3" (2,980 mm)
Minimum Ground Clearance	21.2" (540 mm)	13.0" (348 mm)	15.0" (381 mm)	16.9" (429 mm)	15" (370 mm)	15.5" (395 mm)	17.1" (435 mm)