

TW95

Product Comparison

	Takeuchi TW95	Caterpillar 910M	Caterpillar 914M	John Deere 344L	Kawasaki 60ZV7	Volvo L45H
PERFORMANCE						
Loader Boom Design	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar
Operating Weight	18,188 lb (8,250 kg)	18,510 lb (8,399 kg)	19,444 lb (8,822 kg)	19,996 lb (9,070 kg)	17,900 lb (8,120 kg)	19,378 lb (8,790 kg)
Tipping Load, Straight	14,307 lb (6,490 kg)	12,469 lb (5,658 kg)	12,967 lb (5,884 kg)	12,522 lb (5,680 kg)	13,560 lb (6,150 kg)	12,919 lb (5,860 kg)
Tipping Load, Full Turn	12,652 lb (5,739 kg)	10,475 lb (4,753 kg)	10,929 lb (4,959 kg)	11,464 lb (5,200 kg)	11,710 lb (5,310 kg)	11,442 lb (5,190 kg)
Operating Capacity*	6,326 lb (2,870 kg)	5,238 lb (2,376 kg)	5,464 lb (2,478 kg)	2,600 lb (5,732 kg)	5,855 lb (2,657 kg)	4,795 lb (2,175 kg)
Bucket Breakout Force	15,873 lb (7,200 kg)	12,538 lb (5,689 kg)	14,709 lb (6,674 kg)	12,207 lb (5,537 kg)	8,280 lb (3,755 kg)	15,601 lb (7,076 kg)
Lift Arm Breakout Force	18,077 lb (8,200 kg)	NP	NP	NP	NP	15,601 lb (7,076 kg)
Traction Force	13,592 lb (6,165 kg)	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 C4.4 ACERT	Cat C4.4 ACERT	Deere / 4045T	Duetz TCD36	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
Horsepower	114.0 hp (85 kW)	100.0 hp (74 kW)	100.0 hp (74 kW)	106.0 hp (78 kW)	95 hp (70.8 kW)	100 hp (55.4 kW)
Rated Engine Speed	2,200 rpm	2,350 rpm	2,350 rpm	2,000 rpm	2,000 rpm	2,200 rpm
Maximum Torque	339.3ft-lb (460 Nm)	336 ft-lb (455 Nm)	336 ft-lb (455 Nm)	299.0 ft-lb (405 Nm)	NP	313.5 ft-lb (425 Nm)
DRIVETRAIN						
Differential Lock	100%	100%	100%	100%	Limited Slip	100%
Steering Articulation	40 deg	40 deg	40 deg	30 deg	40 deg	40 deg
Frame or Axle Oscillation	12 deg	NP	NP	10 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)	3.1 mph (5 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)
High Speed Road Gear	24.9 mph (40 km/hr)	25.0 mph (40 km/hr)	25.0 mph (40 km/hr)	NP	NP	18.6 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)	21.1 gal (80 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)	13.2 gpm (50 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
Hydraulic System Pressure	3,336 psi (23.0 MPa)	3,408 psi (23.5 MPa)	3,408 psi (23.5 MPa)	3,480 psi (24.0 MPa)	2,988 psi (20.6 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)
Outside Turning Radius	15' 1.4" (4,610 mm)	15' 5" (4,716 mm)	15' 6" (4,741 mm)	14' 7" (4,445 mm)	NP	15' 6.8" (4,745 mm)
Maximum Lift Height to Bucket Pin	11' 10.9" (3,630 mm)	12' 0" (3,673 mm)	12' 1" (3,701 mm)	12' 2.5" (3,721 mm)	11' 8" (3,560 mm)	12' 1.0" (3,685 mm)
Dump Height Fully Raised	8' 6" (2,605 mm)	9' 4" (2,846 mm)	9' 3" (2,820 mm)	9' 0" (2,743 mm)	8' 10.5" (2,705 mm)	9' 1.4" (2,780 mm)
Reach Fully Raised	2' 8.2" (820 mm)	2' 5" (759 mm)	2' 3" (790 mm)	3' 4" (1016 mm)	3' 3.7" (1010 mm)	3' 1.8" (960 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' 5.3" (2,270 mm)	7' 0.6" (2,150 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" (3,210 mm)	9' 8.1" (2,950 mm)
Minimum Ground Clearance	21.2" (540 mm)	23.0" (600 mm)	25.0" (640 mm)	16.9" (429 mm)	14.5" (370 mm)	15.5" (395 mm)