

TL12R2

Product Comparison

TAKEUCHI®

	Takeuchi TL12V2	Takeuchi TL12R2	Bobcat T870	Caterpillar 299D3 XE	John Deere 333G	ASV RT-120	Kubota SVL 95-2
PERFORMANCE							
Loader Boom Design	Vertical	Radial	Vertical	Vertical	Vertical	Radial	Vertical
Operating Weight	12,860 lb (5,835 kg)	12,300 lb (5,580 kg)	12,925 lb (5,863 kg)	11,756 lb (5,265 kg)	12,100 lb (5,493 kg)	11,265 lb (5,110 kg)	11,299 lb (5,125 kg)
Tipping Load	11,737 lb (5,324 kg)	8,629 lb (3,915 kg)	10,430 lb (4,731 kg)	9,450 lb (4,286 kg)	10,570 lb (4,799 kg)	10,100 lb (4,581 kg)	9,143 lb (4,147 kg)
Tipping Load w/ CW	13,757 lb (6,240 kg)	9,402 lb (4,264 kg)	NP	NP	NP	NP	NP
Operating Capacity*	4,107 lb (1,863 kg)	2,975 lb (1,349 kg)	3,650 lb (1,656 kg)	3,255 lb (1,500 kg)	3,700 lb (1,678 kg)	3,535 lb (1,603 kg)	3,200 lb (1,451 kg)
Operating Capacity w/ CW	4,815 lb (2,184 kg)	3,291 lb (1,493 kg)	NP	NP	NP	NP	NP
Bucket Breakout Force	7,874 lb (3,571 kg)	8,210 lb (3,722 kg)	NP	7,270 lb (3,298 kg)	9,250 lb (4,200 kg)	6,720 lb (3,048 kg)	7,961 lb (3,611 kg)
Lift Arm Breakout Force	7,109 lb (3,225 kg)	8,075 lb (3,663 kg)	NP	6,162 lb (2,795 kg)	6,600 lb (2,996 kg)	7,040 lb (3,193 kg)	6,742 lb (3,058 kg)
Traction Force	14,006 lb (6,353 kg)	14,010 lb (6,353 kg)	NP	NP	11,500 lb (5,221 kg)	13,817 lb (6,267kg)	12,178 lb (5,524 kg)

* Operating capacity of track loaders to be rated according to SAE J818 at no more than 35% of the tipping load

ENGINE

Make / Model	Kubota / V3800-TIEF4B	Kubota / V3800-TIEF4B	Kubota / V3800CR-T	Cat C3.8	Yanmar / 4TNV94CHT	Cummins / QSF3.8	V3800-TIEF4
Tier Rating	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Interim Tier 4	EPA Final Tier 4	EPA Final Tier 4
Horsepower	111.3 hp (83.0 kW)	111.3 hp (83.0 kW)	100 hp (74.6 kW)	110.0 hp (82.0 kW)	100.0 hp (74.6 kW)	120.0 hp (89.5 kW)	96.4hp (71.9 kW)
Rated Engine Speed	2,400 rpm	2,400 rpm	NP	NP	2,500 rpm	2,500 rpm	2,400 rpm
Maximum Torque	284 ft-lb (385 Nm)	284 ft-lb (385 Nm)	281.0 ft-lb (381 Nm)	276.0 ft-lb (374 Nm)	291.0 ft-lb (395 Nm)	360.0 ft-lb (488 Nm)	NP

UNDERCARRIAGE

Track Width	17.7" (450 mm)	17.7" (450 mm)	17.7" (450 mm)	17.7" (450 mm)	17.7" (450 mm)	18.0" (457 mm)	17.7" (450 mm)
Track Ground Contact Length	5' 7.6" (1,717 mm)	5' 7.5" (1,716 mm)	5' 10.2" (1,783 mm)	5' 9.6" (1,768 mm)	NP	5' 11" (1,803 mm)	5' 5.6" (1,667 mm)
Ground Pressure	4.8 psi (33.0 kPa)	4.58 psi (31.6 kPa)	4.8 psi (33.8 kPa)	5.3 psi (36.7 kPa)	4.5 psi (31.1 kPa)	4.4 psi (28.2 kPa)	4.4 psi (30.3kPa)
Travel Speed Low Range	5.0 mph (8.1 km/hr)	5.0 mph (8.1 km/hr)	7.2 mph (11.6 km/hr)	5.2 mph (8.4 km/hr)	5.3 mph (8.5 km/hr)	6.0 mph (9.6 km/hr)	5.0 mph (8.0 km/hr)
Travel Speed High Range	7.3 mph (11.8 km/hr)	7.3 mph (11.8 km/hr)	11.4 mph (18.3 km/hr)	8.4 mph (13.5 km/hr)	7.8 mph (12.6 km/hr)	10.0 mph (16 km/hr)	7.3 mph (11.7 km/hr)

HYDRAULIC SYSTEM

Hydraulic Reservoir Capacity	13.2 gal (50.0 L)	13.2 gal (50.0 L)	3.0 gal (11.4 L)	10.3 gal (39 L)	NP	22.0 gal (86 L)	10.1 gal (38.2 L)
Auxiliary Flow - Standard	23.2 gpm (88.0 L/m)	23.2 gpm (88.0 L/m)	23.0 gpm (87.0 L/m)	23.0 gpm (86.0 L/m)	25.0 gpm (95 L/m)	20.0 gpm (76 L/m)	23.1 gpm (87.4 L/m)
Auxiliary Flow - High Flow Option	40.4 gpm (153.0 L/m)	40.4 gpm (153.0 L/m)	36.6 gpm (138.5 L/m)	40.0 gpm (150 L/m)	41.1 gpm (155.6 L/m)	45.0 gpm (170 L/m)	40.0 gpm (151 L/m)
Hydraulic System Pressure	3,481 psi (24.0 MPa)	3,481 psi (24.0 MPa)	3,500 psi (24.1 MPa)	3,335 psi / 4,061 psi	3,450 psi (23.8 MPa)	3,300 psi / 4,060 psi	3,553 psi (24.5 MPa)

DIMENSIONS

Front Clearance Radius with Bucket	8' 2.6" (2,504 mm)	8' 4.6" (2,555 mm)	8' 3" (2,511 mm)	7' 7.1" (2,314 mm)	7' 2" (2,176 mm)	NP	NP
Rear Clearance Radius	6' 1.0" (1,848 mm)	6' 0.0" (1,829 mm)	NP	6' 2.0" (1,881 mm)	NP	NP	NP
Max. Lift Height to Bucket Pin	10' 10" (3,299 mm)	10' 6.0" (3,200 mm)	12' 0" (3,658 mm)	10'6.3" (3,208 mm)	11' 0" (3,352 mm)	10' 5" (3,175 mm)	10' 8.5" (3,264 mm)
Dump Height Fully Raised	8' 1.0" (2,459 mm)	7' 10.5" (2,400 mm)	8' 11.4" (2,728 mm)	7' 10.5" (2,399 mm)	8' 10" (2,694 mm)	7' 7" (2,311 mm)	NP
Reach Fully Raised	3' 0.4" (924 mm)	3' 1.8" (960 mm)	3' 0.5" (927 mm)	2' 9.6" (852 mm)	2' 10.5" (878 mm)	2' 0" (610 mm)	3' 4.7" (1,034 mm)
Overall Width Without Bucket	6' 5.2" (1,960 mm)	6' 5.2" (1,960 mm)	6' 10.8" (2,108 mm)	6' 6" (1,981 mm)	6' 7" (2,050 mm)	5' 11" (1,803 mm)	6' 5.2" (1,961 mm)
Overall Height	7' 7.7" (2,330 mm)	7' 7.0" (2,311 mm)	6' 11.6" (2,125 mm)	6' 11.6" (2,125 mm)	7' 3" (2,202 mm)	7' 6" (2,286 mm)	6' 11.3" (2,116 mm)
Minimum Ground Clearance	12.2" (310 mm)	12.5" (320 mm)	8.6" (218 mm)	9.6" (245 mm)	9.4" (238 mm)	15.0" (381 mm)	11.5" (292 mm)