

	Takeuchi TL11R3	ASV VT-100	Bobcat T770	Case TV450B	Caterpillar 299D3	Deere 331P	Kubota SVL97-3
PERFORMANCE							
Loader Boom Design	Radial	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Operating Weight	11,650 lb (5,285 kg)	10,345 lb (4,694 kg)	10,515 lb (4,768 kg)	10,610 lb (4,812 kg)	11,464 lb (5,265 kg)	11,914 lb (5,404 kg)	11,676 lb (5,296 kg)
Tipping Load	7,825 lb (3,550 kg)	10,000 lb (4,536 kg)	9,929 lb (4,499 kg)	9,000 lb (4,082 kg)	9,945 lb (4,511 kg)	9,000 lb (4,082 kg)	9,884 lb (4,483 kg)
Tipping Load w/ CW	9,043 lb (4,102 kg)	NP	NP	NP	NP	NP	NP
Operating Capacity*	2,735 lb (1,240 kg)	3,500 lb (1,588 kg)	3,475 lb (1,577 kg)	3,150 lb (1,429 kg)	3,480 lb (1,578 kg)	3,150 lb (1,429 kg)	3,459 lb (1,569 kg)
Operating Capacity w/ CW	3,165 lb (1,435 kg)	NP	NP	3,290 lb (1,492 kg)	3,668 lb (1,664 kg)	NP	NP
Bucket Breakout Force	7,958 lbf (3,611.5 kgf)	NP	NP	9,188 lb (4,168 kg)	7,270 lb (3,298 kg)	8,500 lb (3,856 kg)	7,650 lbf (37 kN)
Lift Arm Breakout Force	7,126 lbf (3,233.5 kgf)	NP	NP	7,773 lb (3,526 kg)	6,162 lb (2,795 kg)	6,000 lb (2,722 kg)	5,288 lbf (25 kN)
Traction Force	13,196 lbf (5,985.5 kgf)	NP	NP	7,414 lb (3,370 kg)	NP	11,500 ft-lb (15,592 Nm)	13,175 lbf (59 kN)

* 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-TIE5B	Yanmar 4TNV94FHT	NP	FPT F5B FL413 D*C001	Cat C3.8 DIT (turbo)	Yanmar 4TNV94FHT	KUBOTA
Tier Rating	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Interim Tier 4	EPA Final Tier 4
Horsepower	107.3 hp (80.0 kW)	103.5 hp (77.2 kW)	92 hp (68.7 kW)	84 hp (62.6 kW)	95 hp (70.9 kW)	95 hp (70.9 kW)	96.4 hp (71.9 kW)
Rated Engine Speed	2,400 rpm	NP	NP	2,500 rpm	NP	2,500 rpm	NP
Maximum Torque	271.4 ft-lb (368 Nm)	291 ft-lb (395 Nm)	NP	282 ft-lb (382 Nm)	246 ft-lb (334 Nm)	281.8 ft-lb (382 Nm)	NP

UNDERCARRIAGE							
Track Width	17.7" (450 mm)	18" (457 mm)	17.7" (450 mm)	17.7" (450 mm)	17.7" (450 mm)	17.7" (450 mm)	17.7" (450 mm)
Track Ground Contact Length	5' 2.8" (1,595 mm)	5' 11" (1,803 mm)	5' 3.7" (1,619 mm)	4' 6.5" (1,384 mm)	5' 9.6" (1,768 mm)	NP	5' 5.6" (1,667 mm)
Ground Pressure	4.71 psi (32.5 kPa)	4 psi (27.6 kPa)	4.2 psi (29.0 kPa)	4.6 psi (31.7 kPa)	4.7 psi (32.4 kPa)	4.6 psi (31.7 kPa)	4.7 psi (32.4 kPa)
Travel Speed Low Range	4.8 mph (7.8 km/h)	NP	6.6 mph (10.6 km/h)	5.5 mph (8.9 km/h)	5.2 mph (8.4 km/h)	5.5 mph (8.9 km/h)	5.5 mph (8.9 km/h)
Travel Speed High Range	7.5 mph (12.0 km/h)	9.3 mph (15.0 km/h)	10.7 mph (17.2 km/h)	8.0 mph (12.9 km/h)	8.4 mph (13.5 km/h)	8.5 mph (13.7 km/h)	8.4 mph (13.5 km/h)

HYDRAULIC SYSTEM							
Hydraulic Reservoir Capacity	15.5 gal (58.9 L)	NP	10.3 gal (39 L)	NP	10.3 gal (39 L)	NP	10.1 gal (38.2 L)
Auxiliary Flow - Standard	23.1 gpm (87.6 L/min)	23 gpm (87.1 L/min)	23 gpm (87.1 L/min)	24.2 gpm (91.6 L/min)	23.0 gpm (86.0 L/min)	25 gpm (94.6 L/min)	24 gpm (90.9 L/min)
Auxiliary Flow - High Flow Option	40.5 gpm (153.4 L/min)	41 gpm (155.2 L/min)	36.6 gpm (138.5 L/min)	39.5 gpm (149.5 L/min)	32 gpm (121.1 L/min)	39 gpm (147.6 L/min)	40 gpm (152 L/min)
Hydraulic System Pressure	3,480.9 psi (24.0 MPa)	3,989 psi (27.5 MPa)	3,500 psi (24.1 MPa)	3,450 psi (23.8 MPa)	3,335 psi / 4,061 psi (23.0 MPa / 28.0 MPa)	3,450 psi (23.8 MPa)	3,553 psi (24.9 MPa)

DIMENSIONS							
Front Clearance Radius with Bucket	8' 0.2" (2,460 mm)	NP	88" (2,235 mm)	7' 3.8" (2,235 mm)	7' 7.1" (2,314 mm)	7' 2" (2,184 mm)	NP
Rear Clearance Radius	5' 10.3" (1,785 mm)	NP	NP	5' 8.6" (1,740 mm)	6' 2.0" (1,881 mm)	NP	NP
Max. Lift Height to Bucket Pin	10' 6.0" (3,200 mm)	11' 0" (3,353 mm)	131.4" (3,340 mm)	10' 11.6" (3,343 mm)	10' 6.3" (3,208 mm)	11' 0" (3,352 mm)	10' 8.5" (3,264 mm)
Dump Height Fully Raised	7' 11.3" (2,420 mm)	NP	NP	8' 5.1" (2,569 mm)	7' 10.5" (2,399 mm)	8' 10.1" (2,697 mm)	NP
Reach Fully Raised	2' 11.2" (895 mm)	NP	35.2" (894 mm)	2' 11.1" (892 mm)	2' 9.6" (852 mm)	3' 0.2" (919 mm)	NP
Overall Width Without Bucket	6' 0.0" (1,830 mm)	6' 11.5" (2,112 mm)	6' 6" (1,981 mm)	6' 4" (1,930 mm)	6' 11.6" (2,125 mm)	6' 8.7" (2,051 mm)	6' 5.2" (1,961 mm)
Overall Height	7' 7.7" (2,330 mm)	6' 11.5" (2,112 mm)	6' 9.3" (2,064 mm)	6' 8.4" (2,042 mm)	5' 9.6" (1,768 mm)	7' 3.4" (2,221 mm)	6' 11.1" (2,111 mm)
Minimum Ground Clearance	12.4" (315 mm)	15" (381 mm)	NP	9.5" (241 mm)	9.6" (245 mm)	9.8" (249 mm)	11" (279 mm)