

TL6R

Competitive Details

	Takeuchi TL6R	ASV RT50	ASV RT60	Bobcat T450	Bobcat T550	Caterpillar 239D	Caterpillar 249D
PERFORMANCE							
Loader Boom Design	Radial	Vertical	Vertical	Vertical	Radial	Vertical	Radial
Operating Weight	7,480 lb (3,395 kg)	6,520 lb (2,957 kg)	6,930 lb (3,143 kg)	6,148 lb (2,788 kg)	7,557 lb (3,428 kg)	7,289 lb (3,306 kg)	7,685 lb (3,486 kg)
Tipping Load	5,269 lb (2,390 kg)	4,570 lb (2,072 kg)	5,430 lb (2,463 kg)	4,000 lb (1,814 kg)	5,700 lb (2,585 kg)	4,100 lb (1,860 kg)	4,600 lb (2,087 kg)
Tipping Load w/ CW	NP	NP	NP	NP	NP	NP	NP
Operating Capacity	1,841 lb (835 kg)	1,600 lb (725 kg)	1,900 lb (861 kg)	1,400 lb (635 kg)	1,995 lb (905 kg)	1,435 lb (651 kg)	1,610 lb (730 kg)
Operating Capacity w/ CW	NP	NP	NP	NP	NP	NP	NP
Bucket Breakout Force	5,930 lb (2,690 kg)	NP	NP	3,588 lb (1,627 kg)	5,470 lb (2,481 kg)	3,969 lb (1,801 kg)	3,963 lb (1,798 kg)
Lift Arm Breakout Force	4,860 lb (2,205 kg)	NP	NP	NP	NP	NP	NP
Traction Force	8,655 lb (3,926 kg)	NP	NP	NP	NP	NP	NP

* 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 / V2403-CR-TE4B	Perkins 404D-22	Doosan / 2.4L	Doosan / 2.4L	Doosan / 2.4L	CAT C2.2 T	CAT C2.2 T
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	65.2 hp (48.6 kW)	50 hp (45.5 kW)	60.0 hp (44.7 kW)	61.0 hp (45.5 kW)	66.0 hp (49.2 kW)	67.1 hp (50.1 kW)	67.1 hp (50.1 kW)
Rated Engine Speed	2,600 rpm	2,800 rpm	2,800 rpm	2,600 rpm	2,600 rpm	2,800 rpm	2,800 rpm
Maximum Torque	144.3 ft-lb (195.6 Nm)	NP	140 ft-lb (190 Nm)	NP	NP	153 ft-lb (208 Nm)	153 ft-lb (208 Nm)

UNDERCARRIAGE							
Track Width	12.6" (320 mm)	15" (381 mm)	15" (381 mm)	11.8" (300 mm)	12.6" (320 mm)	12.6" (320 mm)	12.6" (320 mm)
Track Ground Contact Length	4' 7.0" (1,395 mm)	4' 2.2" (1,275 mm)	4' 11" (1,499 mm)	4' 2.2" (1,275 mm)	4' 6.1" (1,374 mm)	4' 6.5" (1,384 mm)	4' 6.5" (1,384 mm)
Ground Pressure	4.8 psi (32.9 kPa)	3.7 PSI (25.5 kPa)	3.9 psi (26.8 kPa)	4.7 psi (32.4 kPa)	4.9 psi (33.8 kPa)	5.3 psi (36.6 kPa)	5.6 psi (38.6 kPa)
Travel Speed Low Range	4.0 mph (7.0 km/h)	8 mph (12.9 km/h)	6 mph (10 km/h)	7.3 mph (11.7 km/h)	7.1 mph (11.4 km/h)	7.0 mph (11.2 km/h)	7.0 mph (11.2 km/h)
Travel Speed High Range	6.0 mph (10.0 km/h)	NA	11.0 mph (17.7 km/h)	11.0 mph (17.7 km/h) (Optional)	10.4 mph (16.7 km/h) (Optional)	NA	NA

HYDRAULIC SYSTEM							
Hydraulic Reservoir Capacity	11.9 gal (45.0 L)	8.0 gal (30.3 L)	8.0 gal (30.3 L)	2.0 gal (7.6 L)	2.0 gal (7.6 L)	9.0 gal (34.1 L)	9.0 gal (34.1 L)
Auxiliary Flow - Standard	17.8 gpm (67.4 L/m)	16.3 gpm (61.7 L/m)	17.4 gpm (65.9 L/m)	16.7 gpm (63.2 L/m)	17.1 gpm (64.7 L/m)	18.0 gpm (68.1 L/m)	18.0 gpm (68.1 L/m)
Auxiliary Flow - High Flow Option	NA	NA	NA	NA	26.7 gpm (101 L/m)	26 gpm (98.4 L/m)	26 gpm (98.4 L/m)
Hydraulic System Pressure	2,988 psi (20.6 MPa)	3,000 psi (20.6 MPa)	3,000 psi (20.6 MPa)	3,300 psi (22.8 MPa)	3,500 psi (24.1 MPa)	3,335 psi (23.0 MPa)	3,335 psi (23.0 MPa)

DIMENSIONS							
Front Clearance Radius with Bucket	6' 10.5" (2,095 mm)	NP	NP	NP	NP	6' 9.5" (2,070 mm)	6' 9.1" (2,029 mm)
Rear Clearance Radius	4' 11.8" (1,520 mm)	NP	NP	NP	NP	4' 9.4" (1,458 mm)	4' 9.4" (1,458 mm)
Max. Lift Height to Bucket Pin	9' 6.4" (2,905 mm)	9' 7.5" (2,934 mm)	9' 7.5" (2,934 mm)	9' 1.5" (2,781 mm)	9' 6.5" (2,908 mm)	10' 4" (3,150 mm)	9' 10.2" (3,002 mm)
Dump Height Fully Raised	7' 5.6" (2,275 mm)	7' 7" (2,311 mm)	7' 7" (2,311 mm)	NP	NP	6' 9" (2,057 mm)	7' 4.7" (2,253 mm)
Reach Fully Raised	1' 10" (560 mm)	2' 1" (635 mm)	2' 1" (635 mm)	1' 10.9" (886 mm)	1' 7.3" (490 mm)	1' 10.2" (563 mm)	2' 4.6" (727 mm)
Overall Width Without Bucket	5' 0.2" (1,530 mm)	5' 0.0" (1,524 mm)	5' 6" (1,676 mm)	4' 6.9" (1,704 mm)	5' 6.9" (1,701 mm)	5' 6" (1,676 mm)	5' 6" (1,676 mm)
Overall Height	6' 5.8" (1,975 mm)	6' 4.9" (1,956 mm)	6' 4.9" (1,956 mm)	6' 5.8" (1,976 mm)	6' 5.8" (2,057 mm)	6' 8.1" (2,034 mm)	6' 8.3" (2,039 mm)
Minimum Ground Clearance	9.1" (230 mm)	12" (305 mm)	12" (305 mm)	7.3" (185 mm)	7.4" (188 mm)	7.7" (195 mm)	7.6" (194 mm)