

# TL8R2

# TAKEUCHI

	Takeuchi TL8R2	Bobcat T590	Bobcat T630	Case TR270	Case TR310	Caterpillar 259D	John Deere 317G	John Deere 325G	Kubota SVL75-2
<b>PERFORMANCE</b>									
Loader Boom Design	Radial	Vertical	Radial	Radial	Radial	Vertical	Vertical	Vertical	Vertical
Operating Weight	8,807 lb (3,995 kg)	7,822 lb (3,548 kg)	8,555 lb (3,880 kg)	8,270 lb (3,750 kg)	8,880 lb (4,028 kg)	8,846 lb (4,012 kg)	8,683 lb (3,942 kg)	9,650 lb (4,381 kg)	9,039 lb (4,100 kg)
Tipping Load	6,041 lb (2,740 kg)	6,000 lb (2,721 kg)	6,000 lb (2,722 kg)	5,400 lb (2,449 kg)	6,200 lb (2,810 kg)	5,800 lb (2,631 kg)	6,070 lb (2,756 kg)	7,400 lb (3,360 kg)	6,570 lb (2,980 kg)
Tipping Load w/ CW	NP	NP	NP	NP	NP	NP	NP	NP	NP
Operating Capacity*	2,116 lb (960 kg)	2,100 lb (953 kg)	2,100 lb (953 kg)	1,890 lb (860 kg)	2,170 lb (984 kg)	2,030 lb (921 kg)	2,125 lb (965 kg)	2,590 lb (1,176 kg)	2,300 lb (1,043 kg)
Operating Capacity w/ CW	NP	NP	NP	NP	NP	NP	2,250 lb (1,022 kg)	NP	NP
Bucket Breakout Force	6,204 lb (2,814 kg)	NP	NP	7,270 lb (3,298 kg)	8,680 lb (3,937 kg)	5,035 lb (2,284 kg)	4,250 lb (1,930 kg)	6,000 lb (2,724 kg)	6,204 lb (2,814 kg)
Lift Arm Breakout Force	5,957 lb (2,702 kg)	NP	NP	6,260 lb (2,839 kg)	6,440 lb (2,921 kg)	NP	5,000 lb (2,270 kg)	4,750 lb (2,154 kg)	4,766 lb (2,162 kg)
Traction Force	9,733 lb (4,415 kg)	NP	NP	7,414 lb (3,370 kg) # Spec with Foundry Bucket	7,414 lb (3,370 kg) # Spec with Foundry Bucket	NP	8,000 lb (3,632 kg)	8,500 lb (3,850 kg)	9,678 lb (4,390 kg)
*Operating capacity of track loaders to be rated according to SAE J818 at no more than 35% of the tipping load									
<b>ENGINE</b>									
Make / Model	Kubota / V3307-CR-TE5B	Doosan / 2.4L	Doosan / 2.4L	FPT / F5H FL463 AF001	FPT / F5H FL463 AF001	CAT C3.3B DIT	Yanmar / 4TN-V86CHT	Yanmar / 4TNV98CT	Kubota / V3307-CR-TE4
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	EPA Final Tier 4	EPA Final Tier 4
Horsepower	74.3 hp (55.4 kW)	66.0 hp (49.2 kW)	74.0 hp (55.2 kW)	74.0 hp (55 kW)	74.0 hp (55 kW)	74.3 hp (55.4 kW)	65.0 hp (48.5 kW)	74.0 hp (54.8 kW)	74.3 hp (55.4 kW)
Rated Engine Speed	2,600 rpm	2,600 rpm	2,600 rpm	2,500 rpm	2,500 rpm	2,525 rpm	2,600 rpm	2,500 rpm	2,400 rpm
Maximum Torque	192.0 ft-lb (261.1 Nm)	160.8 ft-lb (218 Nm)	209.4 ft-lb (283.9 Nm)	232.0 ft-lb (314 Nm)	232.0 ft-lb (314 Nm)	195 ft-lb (264 Nm)	153.0 ft-lb (207 Nm)	207.0 ft-lb (280 Nm)	NP
<b>UNDERCARRIAGE</b>									
Track Width	15.7" (400 mm)	12.6" (320 mm)	12.6" (320 mm)	12.6" (320 mm)	15.7" (400 mm)	15.7" (400 mm)	15.7" (400 mm)	15.8" (400 mm)	15.0" (380 mm)
Track Ground Contact Length	4' 7.9" (1,420 mm)	4' 6.1" (1,374 mm)	4' 10.5" (1,486 mm)	4' 7.9" (1,420 mm)	4' 7.9" (1,420 mm)	4' 11" (1,499 mm)	NP	NP	4' 8.5" (1,435 mm)
Ground Pressure	4.5 psi (31 kPa)	5.1 psi (35.2 kPa)	5.3 psi (36.5 kPa)	6.0 psi (41.4 kPa)	5.0 psi (34.5 kPa)	4.8 psi (33.1 kPa)	4.5 psi (31 kPa)	4.7 psi (32.4 kPa)	4.7 psi (32.4 kPa)
Travel Speed Low Range	4.7 mph (7.5 km/h)	7.1 mph (11.4 km/h)	6.2 mph (10.0 km/h)	5.1 mph (8.2 km/h)	5.1 mph (8.2 km/h)	5.9 mph (9.5 km/h)	7.0 mph (11.3 km/h)	5.2 mph (8.4 km/h)	4.7 mph (7.6 km/h)
Travel Speed High Range	7.0 mph (11.2 km/h)	10.4 mph (16.7 km/h)	10.0 mph (16.1 km/h)	7.6 mph (12.2 km/h)	7.6 mph (12.2 km/h)	8.5 mph (13.7 km/h)	Single Speed Only	8.2 mph (13.2 km/h)	7.1 mph (11.4 km/h)
<b>HYDRAULIC SYSTEM</b>									
Hydraulic Reservoir Capacity	9.6 gal (36.5 L)	2.0 gal (7.6 L)	2.7 gal (10.2 L)	7.0 gal (26.5 L)	5.3 gal (20.0 L)	10.3 gal (39 L)	NP	NP	9.2 gal (34.8 L)
Auxiliary Flow - Standard	19.1 gpm (72.3 L/m)	17.1 gpm (64.7 L/m)	23.0 gpm (87.1 L/m)	24.2 gpm (91.5 L/m)	24.2 gpm (91.5 L/m)	20.0 gpm (76 L/m)	17.0 gpm (63 L/m)	19.0 gpm (70 L/m)	17.4 gpm (65.9 L/m)
Auxiliary Flow - High Flow Option	33.8 gpm (128 L/m)	26.7 gpm (101 L/m)	30.5 gpm (115.5 L/m)	32.4 gpm (122.6 L/m)	32.4 gpm (122.6 L/m)	30.0 gpm (114 L/m)	N/A	27.0 gpm (101 L/m)	29.3 gpm (111 L/m)
Hydraulic System Pressure	3,045 psi (21.0 MPa)	3,500 psi (24.1 MPa)	3,500 psi (24.1 MPa)	3,050 psi (21.0 MPa)	3,050 psi (21.0 MPa)	3,335 psi (23.0 MPa)	3,450 psi (22.4 MPa)	3,450 psi (22.4 MPa)	3,185 psi (22.0 MPa)
<b>DIMENSIONS</b>									
Front Clearance Radius with Bucket	7' 2.3" (2,190 mm)	NP	NP	6' 7.9" (2,029 mm)	6' 7.9" (2,029 mm)	7' 2" (2,184 mm)	6' 6" (1,974 mm)	6' 8" (2,035 mm)	NP
Rear Clearance Radius	5' 4.8" (1,645 mm)	NP	NP	5' 2.9" (1,598 mm)	5' 2.9" (1,598 mm)	5' 1.5" (1,562 mm)	NP	NP	NP
Max. Lift Height to Bucket Pin	10' 1.2" (3,080 mm)	9' 11" (3,023 mm)	10' 1" (3,073 mm)	10' 3" (3,124 mm)	10' 3" (3,124 mm)	10' 1" (3,073 mm)	10' 1" (3,073 mm)	10' 6" (3,200 mm)	9' 11" (3,025 mm)
Dump Height Fully Raised	7' 11.3" (2,420 mm)	NP	NP	8' 2" (2,494 mm)	8' 2" (2,494 mm)	7' 5.9" (2,283 mm)	7' 5" (2,261 mm)	8' 6" (2,593 mm)	7' 4.9" (2,258 mm)
Reach Fully Raised	2' 4.3" (720 mm)	2' 10.9" (886 mm)	2' 0" (610 mm)	1' 10.3" (566 mm)	1' 10.3" (566 mm)	1' 11.9" (607 mm)	3' 3" (980 mm)	3' 1" (635 mm)	3' 5.7" (1,059 mm)
Overall Width Without Bucket	5' 5.4" (1,660 mm)	5' 7" (1,702 mm)	6' 0.9" (1,852 mm)	5' 5.9" (1,674 mm)	6' 2.3" (1,887 mm)	5' 9" (1,755 mm)	5' 11" (1,803 mm)	6' 3" (1,897 mm)	5' 8.3" (1,735 mm)
Overall Height	7' 3.8" (2,230 mm)	6' 5.8" (1,976 mm)	6' 9.3" (2,065 mm)	6' 6.7" (1,999 mm)	6' 6.7" (1,999 mm)	6' 11" (2,111 mm)	6' 6" (1,994 mm)	6' 9" (2,057 mm)	6' 10" (2,083 mm)
Minimum Ground Clearance	11.4" (290 mm)	7.3" (185 mm)	8.1" (206 mm)	8.0" (203 mm)	8.0" (203 mm)	8.9" (226 mm)	8.3" (211 mm)	9.3" (236 mm)	11.7" (296 mm)