

TB250-2

Product Comparison

TAKEUCHI®

	Takeuchi TB250-2	Bobcat E42 R2	Bobcat E50 R2	Caterpillar 305 E2 CR	Caterpillar 305.5E2 CR	John Deere 50G	Yanmar ViO55-6A
PERFORMANCE							
Tail Swing Design	Conventional	Conventional	Short	Minimal	Minimal	Zero Tail	Zero Tail
Operating Weight	10,957 lb (4,970 kg)	10,425 lb (4,729 kg)	11,894 lb (5,395 kg)	11,069 lb (5,020 kg)	11,596 lb (5,259 kg)	11,063 lb (5,018 kg)	11,850 lb (5,375 kg)
Max Digging Depth	12' 4.8" (3,780 mm)	11' 4.8" (3,475 mm)	12' 8.4" (3,871 mm)	12' 0.0" (3,658 mm)	12' 8" (3,870 mm)	12' 7" (3,835 mm)	12' 9.5" (3,899 mm)
Max Dump Height	13' 3.2" (4,045 mm)	12' 10.9" (3,932 mm)	13' 10.8" (4,236 mm)	12' 10" (3,912mm)	13' 5" (4,080 mm)	14' 2" (4,318 mm)	13' 3" (4,039 mm)
Max Reach	20' 1.0" (6,120 mm)	18' 2.4" (5,547 mm)	20' 7.2" (6,279 mm)	19' 7" (5,969 mm)	20' 3" (6,170 mm)	20' 6" (6,248 mm)	20' 2" (6,147 mm)
Max Bucket Digging Force	10,430 lb (4,731 kg)	9,601 lb (4,355 kg)	9,511 lb (4,314 kg)	10,050 lb (4,559 kg)	11,445 lb (5,191 kg)	8,267 lb (3,750 kg)	9,419 lb (4,272 kg)
Max Arm Digging Force	5,261 lb (2,386 kg)	5,803 lb (2,632 kg)	5,962 lb (2,704 kg)	4,788 lb (2,172 kg)	5,575 lb (2,529 kg)	4,718 lb (2,140 kg)	5,485 lb (2,488 kg)
Traction Force	12,320 lb (5,588 kg)	NP	NP	10,161 lb (4,609 kg)	10,746 lb (4,874 kg)	NP	NP
ENGINE							
Make / Model	Yanmar / 4TNV86C	NP	NP	Caterpillar / C2.4	Caterpillar / C2.4	Yanmar / 4TNV88C	Yanmar / 4TN-V86CT-PBV
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	39.0 hp (29.1 kW)	42.6 hp (31.8 kW)	49.7 hp (37.1 kW)	41.8 hp (31.2 kW)	45.7 hp (34.1 kW)	35.9 hp (26.8 kW)	47.6 hp (35.5 kW)
Rated Engine Speed	2,400 rpm	2,200 rpm	2,200 rpm	2,200 rpm	2,200 rpm	2,400 rpm	2,400 rpm
Max Torque	106.9 ft-lb (144.9 Nm)	NP	NP	NP	NP	NP	NP
UNDERCARRIAGE							
Track Width	15.7" (400 mm)	NP	NP	16" (406 mm)	16" (406 mm)	16" (406 mm)	16" (406 mm)
Ground Pressure	4.2 psi (29 kPa)	4.3 psi (29.6 kPa)	NP	4.3 psi (29.6 kPa)	4.5 psi (31.0 kPa)	4.17 psi (28.8 kPa)	4.2 psi (28.8 kPa)
Travel Speed Low Range	1.7 mph (2.8 km/h)	1.6 mph (2.6 km/h)	1.8 mph (2.9 km/h)	1.7 mph (2.7 km/h)	1.7 mph (2.7 km/h)	1.6 mph (2.5 km/h)	1.4 mph (2.2 km/h)
Travel Speed High Range	3.2 mph (5.2 km/h)	3.3 mph (5.3 km/h)	2.8 mph (4.5 km/h)	2.7 mph (4.3 km/h)	2.8 mph (4.5 km/h)	2.6 mph (4.2 km/h)	2.6 mph (4.2 km/h)
HYDRAULIC SYSTEM							
Total Hydraulic Flow	41 gpm (155.3 L/m)	NP	NP	39.6 gpm (150 L/m)	39.6 gpm (150 L/m)	31.7 gpm (120 L/m)	36.5 gpm (138.2 L/m)
Auxiliary Hydraulic Flow	24.2 gpm (91.7 L/m)	20 gpm (75.7 L/m)	20.0 gpm (75.7 L/m)	21.1 gpm / 6.6 gpm (80 L/m / 25 L/m)	21.1 gpm / 6.6 gpm (80 L/m / 25 L/m)	23.1 gpm (87.4 L/m)	21.8 gpm (82.8 L/m)
Hydraulic System Pressure	3,481 psi (24.0 MPa)	3,045 psi (21.0 MPa)	3,045 psi (21.0 MPa)	3,553 psi (24.5 MPa)	3,553 psi (24.5 MPa)	NP	3,553 psi (24.5 MPa)
Hydraulic Reservoir Capacity	11.9 gal (45.0 L)	NP	NP	18.0 gal (68.1 L)	18.0 gal (68.1 L)	14.8 gal (56.0 L)	NP
DIMENSIONS							
Width	6' 0.4" (1,840 mm)	6' .8" (1,849 mm)	6' 5.2" (1,961 mm)	6' 6" (1,981 mm)	6' 6" (1,981 mm)	6' 7" (2,000 mm)	6' 6" (1,990 mm)
Height	8' 5.2" (2,570 mm)	8' 3" (2,517 mm)	8' 4.2" (2,545 mm)	8' 4" (2,540 mm)	8' 4" (2,540 mm)	8' 4" (2,530 mm)	8' 4" (2,540 mm)
Length (Transport)	18' 0.3" (5,495 mm)	16' 9.7" (5,123 mm)	17' 7.3" (5,367 mm)	17' 4" (5,283 mm)	17' 11" (5,461 mm)	18' 1" (5,512 mm)	18' 4" (5,580 mm)
Ground Clearance	13.2" (335 mm)	NP	NP	NP	NP	13.0" (340 mm)	14" (345 mm)
Boom Swing (Degrees L / R)	78 / 55	75 / 50	75 / 50	80 / 50	80 / 50	80 / 60	68 / 68
Front Swing Radius	7' 7.7" (2,330 mm)	NP	NP	8' 4" (2,540 mm)	8' 4" (2,540 mm)	7' 7" (2,311 mm)	7' 9" (2,370 mm)
Tail Swing Radius	4' 5.5" (1,360 mm)	NP	NP	3' 7" (1,092 mm)	3' 8" (1,118 mm)	3' 7" (1,092 mm)	3' 3" (995 mm)