

TB250-2

Product Comparison

	Takeuchi TB250-2	Bobcat E45	Bobcat E50	Caterpillar 305 E2 CR	Caterpillar 305.5E2 CR	John Deere 50G	Yanmar ViO55-6A
PERFORMANCE							
Tail Swing Design	Conventional	Short	Short	Minimal	Minimal	Zero Tail	Zero Tail
Operating Weight	10,957 lb (4,970 kg)	10,553 lb (4,787 kg)	11,195 lb (5,078 kg)	11,069 lb (5,021 kg)	11,596 lb (5,260 kg)	11,063 lb (5,018 kg)	11,850 lb (5,375 kg)
Max Digging Depth	12' 4.8" (3,780 mm)	11' 9.6" (3,597 mm)	13' 7.2" (4,145 mm)	12' 0.0" (3,658 mm)	12' 8" (3,861 mm)	12' 7" (3,835 mm)	12' 9.5" (3,899 mm)
Max Dump Height	13' 3.2" (4,045 mm)	12' 6" (3,810 mm)	16' 7.2" (5,060 mm)	12' 10" (3,912mm)	13' 5" (4,089 mm)	14' 2" (4,318 mm)	13' 3" (4,039 mm)
Max Reach	20' 1.0" (6,120 mm)	19' 7.2" (5,974 mm)	20' 9.6" (6,340 mm)	19' 7" (5,969 mm)	20' 3" (6,172 mm)	20' 6" (6,248 mm)	20' 2" (6,147 mm)
Max Bucket Digging Force	10,430 lb (4,731 kg)	7,650 lb (3,470 kg)	8,977 lb (4,072 kg)	10,050 lb (4,559 kg)	11,445 lb (5,191 kg)	8,267 lb (3,750 kg)	6,497 lb (2,947 kg)
Max Arm Digging Force	5,261 lb (2,386 kg)	4,690 lb (2,127 kg)	5,751 lb (2,609 kg)	4,788 lb (2,172 kg)	5,575 lb (2,529 kg)	5,401 lb (2,450 kg)	4,676 lb (2,121 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 / 4TNV88C	NP	NP	Caterpillar / C2.4	Caterpillar / C2.4	Yanmar / 4TNV88C	Yanmar / 4TNV86CT-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)	42.7 hp (31.8 kW)	49.8 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)	13.8" (350 mm)
Ground Pressure	4.2 psi (29 kPa)	NP	NP	4.3 psi (29.6 kPa)	4.5 psi (31.0 kPa)	4.17psi (28.8 kPa)	4.25 psi (29.3 kPa)
Travel Speed Low Range	1.7 mph (2.8 km/h)	1.5 mph (2.4 km/h)	1.9 mph (3.1 km/h)	1.7 mph (2.7 km/h)	1.7 mph (2.7 km/h)	1.6 mph (2.5 km/h)	1.5 mph (2.4 km/h)
Travel Speed High Range	3.2 mph (5.2 km/h)	2.6 mph (4.2 km/h)	3.1 mph (5.0 km/h)	2.7 mph (4.3 km/h)	2.8 mph (4.5 km/h)	2.6 mph (4.2 km/h)	2.9 mph (4.6 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)	20.0 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)	20.9 gpm (79.5 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' 5.2" (1,961 mm)	6' 5.2" (1,961 mm)	6' 6" (1,981 mm)	6' 6" (1,981 mm)	6' 7" (2,000 mm)	6' 6" (1,981 mm)
Height	8' 5.2" (2,570 mm)	8' 3.7" (2,532 mm)	8' 3.7" (2,532 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)	17' 7.8" (5,380 mm)	18' 3" (5,563 mm)	17' 4" (5,283 mm)	17' 11" (5,461 mm)	18' 1" (5,512 mm)	18' 4" (5,588 mm)
Ground Clearance	13.2" (335 mm)	NP	NP	NP	NP	13.0" (340 mm)	14" (356 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" (2,362 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" (991 mm)