

TB240

Competitive Details

	Takeuchi TB240	Bobcat E42	Caterpillar 304E2 CR	John Deere 50G	Kubota KX040	Yanmar ViO45-6A
PERFORMANCE						
Tail Swing Design	Conventional	Conventional	Zero Tail	Zero Tail	Conventional	Zero Tail
Operating Weight	8,570 lb (3,890 kg)	9,246 lb (4,194 kg)	8,996 lb (4,081 kg)	10,560 lb (4,790 kg)	9,195 lb (4,170 kg)	10,417 lb (4,725 kg)
Max Digging Depth	11' 4.4" (3,465 mm)	10' 6" (3,200 mm)	10' 3" (3,130 mm)	11' 7" (3,530 mm)	11' 2.7" (3,420 mm)	11' 8" (3,550 mm)
Max Dump Height	12' 6.7" (3,828 mm)	12' 2.4" (3,719 mm)	11' 9" (3,590 mm)	13' 4" (4,070 mm)	12' 9.5" (3,900 mm)	12' 1" (3,680 mm)
Max Reach	18' 2.3" (5,545 mm)	17' 3.6" (5,273 mm)	17' 7" (5,350 mm)	19' 7" (5,960 mm)	18' 2.1" (5,540 mm)	18' 10" (5,740 mm)
Max Bucket Digging Force	9,959 lb (4,517 kg)	9,183 lb (4,165 kg)	8,498 lb (3,855 kg)	8,267 lb (3,750 kg)	9,535 lb (4,325 kg)	6,497 lb (2,947 kg)
Max Arm Digging Force	4,110 lb (1,864 kg)	5,762 lb (2,614 kg)	4,856 lb (2,203 kg)	5,401 lb (2,450 kg)	4,112 lb (1,865 kg)	4,676 lb (2,121 kg)
Traction Force	9,533 lb (4,324 kg)	NP	6,969 lb (3,161 kg)	NP	9,747 lb (4,421 kg)	NP
ENGINE						
Make / Model	Yanmar / 3TNV88C	NP	Cat / C2.4	Yanmar / 4TNV88C	Kubota / D1803CR	Yanmar / 4TNV88C
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
Horsepower	35.8 hp (26.7 kW)	42.7 hp (31.8 kW)	41.8 hp (31.2 kW)	35.9 hp (26.8 kW)	40.4 hp (30.1 kW)	39.0 hp (29.1 kW)
Rated Engine Speed	2,200 rpm	2,200 rpm	NP	2,400 rpm	2,200 rpm	2,400 rpm
Max Torque	102.6 ft-lb (139.1 Nm)	NP	NP	NP	NP	NP
UNDERCARRIAGE						
Track Width	13.8" (350 mm)	NP	13.8" (350 mm)	15.7" (400 mm)	13.8" (350 mm)	13.8" (350 mm)
Ground Pressure	4.4 psi (30.2 kPa)	4.3 psi (29.6 kPa)	4.3 psi (29.5 kPa)	3.9 psi (26.9 kPa)	4.5 psi (31.0 kPa)	4.25 psi (29.3 kPa)
Travel Speed Low Range	1.8 mph (2.9 km/h)	1.6 mph (2.6 km/h)	2.1 mph (3.3 km/h)	1.6 mph (2.5 km/h)	1.8 mph (2.9 km/h)	1.5 mph (2.4 km/h)
Travel Speed High Range	3.3 mph (5.3 km/h)	2.9 mph (4.7 km/h)	3.2 mph (5.2 km/h)	2.6 mph (4.2 km/h)	3.1 mph (5.0 km/h)	2.9 mph (4.6 km/h)
HYDRAULIC SYSTEM						
Total Hydraulic Flow	30.6 gpm (115.8 L/m)	NP	26.4 gpm (100 L/m)	31.7 gpm (120 L/m)	24.4 gpm (92.4 L/m)	34.9 gpm (132.8 L/m)
Auxiliary Hydraulic Flow	17.1 gpm (64.9 L/m)	20 gpm (75.7 L/m)	18.5 gpm (70 L/m)	23.1 gpm (87.4 L/m)	17.2 / 9.8 gpm (65 / 37 L/m)	20.9 gpm (79.5 L/m)
Hydraulic System Pressure	3,481 psi (24.0 MPa)	3,045 psi (21.0 MPa)	3,553 psi (24.5 MPa)	NP	NP	3,553 psi (24.5 MPa)
Hydraulic Reservoir Capacity	10.8 gal (41.0 L)	NP	11.2 gal (42.3 L)	14.8 gal (56.0 L)	11.1 gal (42 L)	NP
DIMENSIONS						
Width	5' 8.5" (1,740 mm)	5' 9" (1,753 mm)	6' 5" (1,950 mm)	6' 7" (2,000 mm)	5' 7" (1,700 mm)	6' 4.5" (1,943 mm)
Height	8' 2.6" (2,505 mm)	8' 2.7" (2,507 mm)	8' 2" (2,500 mm)	8' 4" (2,530 mm)	8' 2" (2,485 mm)	8' 4" (2,540 mm)
Length (Transport)	16' 8.2" (5,085 mm)	16' 8" (5,080 mm)	15' 10" (4,820 mm)	17' 11" (5,470 mm)	16' 8" (5,085 mm)	17' 5" (5,320 mm)
Ground Clearance	11.6" (295 mm)	NP	NP	13.0" (340 mm)	13.0" (330 mm)	13.6" (345 mm)
Boom Swing (Degrees L / R)	76 / 58	75 / 50	70 / 50	80 / 60	70 / 55	68 / 68
Min Front Swing Radius	6' 8.2" (2,037 mm)	NP	6' 11" (2,110 mm)	7' 3" (2,210 mm)	7' 2" (2,1080 mm)	7' 10" (2,380 mm)
Tail Swing Radius	4' 5.7" (1,365 mm)	NP	3' 2" (975 mm)	3' 3" (1,000 mm)	4' 3" (1,300 mm)	3' 2" (970 mm)