

TB230

Product Comparison

	Takeuchi TB230	Bobcat E26	Bobcat E32	Caterpillar 302.7D CR	Caterpillar 303E CR	John Deere 26G	John Deere 30G	Kubota KX71-3S	Yanmar Vi025-6A
PERFORMANCE									
Tail Swing Design	Conventional	Minimal	Conventional	Zero Tail	Minimal	Zero Tail	Zero Tail	Conventional	Zero Tail
Operating Weight	6,360 lb (2,885 kg)	5,666 lb (2,570 kg)	7,183 lb (3,258 kg)	5,681 lb (2,577 kg)	6,813 lb (3,090 kg)	5,780 lb (2,622 kg)	6,850 lb (3,105 kg)	6,305 lb (2,860 kg)	5,919 lb (2,685 kg)
Max Digging Depth	9' 3.6" (2,835 mm)	8' 6" (2,565 mm)	10' 2.4" (3,109 mm)	9' 0.0" (2,744 mm)	9' 9" (2,972 mm)	9' 2" (2,794 mm)	9' 2" (3,554 mm)	9' 9" (2,970 mm)	9' 8" (2,946 mm)
Max Dump Height	10' 7.2" (3,230 mm)	9' 10.8" (3,018 mm)	11' 0" (3,353 mm)	9' 8" (2,970 mm)	9' 9" (2,972 mm)	10' 6" (3,200 mm)	10' 6" (3,581 mm)	10' 5" (3,180 mm)	9' 1" (2,780 mm)
Max Reach	15' 10.9" (4,850 mm)	14' 10.8" (4,542 mm)	16' 3.6" (4,968 mm)	15' 10" (4,805 mm)	16' 6" (5,029 mm)	16' 1" (4,902 mm)	16' 1" (5,512 mm)	16' 4" (4,990 mm)	16' 1" (4,910 mm)
Max Bucket Digging Force	6,471 lb (2,935 kg)	4,991 lb (2,264 kg)	6,969 lb (3,161 kg)	5,058 lb (2,294 kg)	6,384 lb (2,896 kg)	4,994 lb (2,265 kg)	NP	6,350 lb (2,880 kg)	5,203 lb (2,360 kg)
Max Arm Digging Force	2,900 lb (1,315 kg)	3,552 lb (1,611 kg)	4,589 lb (2,082 kg)	3,057 lb (1,387 kg)	3,327 lb (1,509 kg)	3,410 lb (1,547 kg)	NP	3,285 lb (1,490 kg)	NP
Traction Force	6,334 lb (2,873 kg)	6,789 lb (3,079 kg)	NP	NP	6,946 lb (3,151 kg)	NP	NP	7,081 lb (3,212 kg)	NP
ENGINE									
Make / Model	Yanmar / 3TNV88F	Kubota / D1105	Kubota / D1105	Yanmar / 3TNV76	Cat / C1.3	Yanmar / 3TNV80F	Yanmar / 3TN-V88F-EPHB	Kubota / V1505-BH	Yanmar / 3TN-V80F-SXNBV
Tier Rating	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Interim Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4
Horsepower	24.4 hp (18.2 kW)	24.8 hp (18.5 kW)	24.8 hp (18.5 kW)	24.3 hp (18.1 kW)	24.8 hp (18.5 kW)	20.0 hp (14.9 kW)	23.3 hp (17.4 kW)	24.4 hp (18.2 kW)	20.4 hp (15.2 kW)
Rated Engine Speed	2,400 rpm	2,500 rpm	2,200 rpm	NP	2,400 rpm	2,500 rpm	2,400 rpm	2,250 rpm	2,500 rpm
Max Torque	63.0 ft-lb (85.3 Nm)	48.5 ft-lb (65.8 Nm)	NP	NP	NP	NP	NP	NP	NP
UNDERCARRIAGE									
Track Width	11.8" (300 mm)	11.8" (300 mm)	NP	11.8" (300 mm)	11.8" (300 mm)	11.8" (300 mm)	12" (300 mm)	11.8" (300 mm)	10.0" (250 mm)
Ground Pressure	4.3 psi (29.6 kPa)	3.7 psi (25.5 kPa)	NP	NP	4.6 psi (32.2 kPa)	3.6 psi (25.0 kPa)	4.1 psi (28 kPa)	3.9 psi (26.9 kPa)	4.4 psi (30.2 kPa)
Travel Speed Low Range	1.8 mph (2.9 km/h)	1.5 mph (2.4 km/h)	1.6 mph (2.6 km/h)	1.3 mph (2.1 km/h)	1.5 mph (2.4 km/h)	1.8 mph (2.9 km/h)	1.7 mph (2.8 km/h)	1.8 mph (2.8 km/h)	1.7 mph (2.8 km/h)
Travel Speed High Range	3.2 mph (5.2 km/h)	2.8 mph (4.5 km/h)	2.9 mph (4.7 km/h)	2.4 mph (3.8 km/h)	2.8 mph (4.5 km/h)	2.8 mph (4.5 km/h)	2.7 mph (4.3 km/h)	2.9 mph (4.6 km/h)	2.8 mph (4.5 km/h)
HYDRAULIC SYSTEM									
Total Hydraulic Flow	24.2 gpm (91.6 L/m)	NP	NP	23.6 gpm (89.4 L/m)	23.1 gpm (87.6 L/m)	20.1 gpm (88.2 L/m)	26.2 gpm (99.6 L/m)	21.4 gpm (81.0 L/m)	24.4 gpm (92.4 L/m)
Auxiliary Hydraulic Flow	13.4 gpm (50.6 L/m)	12.5 gpm (47 L/m)	16.9 gpm (64 L/m)	13.8 gpm (52.2 L/m)	15.9 gpm (60 L/m)	12.2 gpm (46.2 L/m)	16.2 gpm (61.2 L/m)	13.1 gpm (49.6 L/m)	13.6 gpm (51.5 L/m)
Hydraulic System Pressure	3,046 psi (21.0 MPa)	2,610 psi (18.0 MPa)	2,987 psi (20.6 MPa)	3,263 psi (22.5 MPa)	3,553 psi (24.5 MPa)	NP	NP	NP	2,987 psi (20.6 MPa)
Hydraulic Reservoir Capacity	9.2 gal (35 L)	NP	NP	7.0 gal (26.5 L)	12.4 gal (47 L)	6.3 gal (23.8L/m)	11.4 gal (43.2 L)	9.0 gal (34 L)	NP
DIMENSIONS									
Width	4' 9.5" (1,460 mm)	4' 11.6" (1,514 mm)	5' 1" (1,550 mm)	5' 2" (1,570 mm)	5' 0" (1,524 mm)	4' 11" (1,499 mm)	5' 1" (1,549 mm)	4' 11" (1,499 mm)	4' 11" (1,500 mm)
Height	8' 3.9" (2,540 mm)	7' 10.9" (2,410 mm)	8' 0.2" (2,443mm)	7' 11" (2,408 mm)	8' 2" (2,500 mm)	8' 0" (2,438 mm)	8' 2" (2,489 mm)	8' 0" (2,438 mm)	8' 2" (2,490 mm)
Length (Transport)	15' 0.9" (4,595 mm)	14' 2.4" (4,328 mm)	15' 3.5" (4,661mm)	14' 0" (4,267 mm)	16' 6" (5,029 mm)	14' 8" (4,470 mm)	14' 7" (4,445 mm)	14' 11" (4,550 mm)	13' 5" (4,090 mm)
Ground Clearance	11.9" (305 mm)	NP	NP	NP	NP	12.0" (305 mm)	11.0" (280 mm)	11.0" (285 mm)	12.6" (320 mm)
Boom Swing (Degrees L / R)	78 / 58	60 / 60	75 / 55	75 / 50	80 / 50	70 / 60	72 / 62	80 / 60	47 / 74
Front Swing Radius	6' 2.7" (1,895 mm)	NP	NP	NP	NP	6' 4" (1,930 mm)	5' 2" (1,574 mm)	6' 4" (1,940 mm)	7' 1" (2,160 mm)
Tail Swing Radius	4' 4" (1,330 mm)	NP	NP	2' 6" (762 mm)	2' 7" (787 mm)	2' 7" (787 mm)	2' 7" (787 mm)	3' 11.6" (1,210 mm)	2' 5" (750 mm)