

**TB230 Hydraulic Excavator**  
**COMPETITIVE DETAILS**

	Takeuchi TB230	Bobcat E26	Bobcat E32i	Caterpillar 302.7D CR	Caterpillar 303E CR	John Deere 26G	Kubota KX71-3S	Kubota KX91-3S2	Yanmar Vi025-6A
<b>PERFORMANCE</b>									
Tail Swing Design	Conventional	Zero Tail	Conventional	Zero Tail	Minimal	Zero Tail	Conventional	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)	7,297 lb (3,3101 kg)	5,780 lb (2,620 kg)	6,305 lb (2,860 kg)	7,110 lb (3,225 kg)	5,919 lb (2,685 kg)
Max Digging Depth	9' 3.6" (2,835 mm)	8' 6" (2,591 mm)	10' 2.4" (3,109 mm)	8' 4" (2,544 mm)	9' 0" (2,750 mm)	8' 6" (2,591 mm)	9' 9" (2,970 mm)	10' 5" (3,185 mm)	9' 0" (2,743 mm)
Max Dump Height	10' 7.2" (3,230 mm)	9' 10.8" (3,018 mm)	11' 0" (3,353 mm)	9' 4" (2,840 mm)	10' 4" (3,150 mm)	10' 6" (3,200 mm)	10' 5" (3,180 mm)	11' 7" (3,530 mm)	9' 1" (2,780 mm)
Max Reach	15' 10.9" (4,850 mm)	14' 10.8" (4,541 mm)	16' 3.6" (4,968 mm)	15' 1" (4,613 mm)	16' 3" (4,950 mm)	15' 2" (4,623 mm)	16' 4" (4,990 mm)	17' 3" (5,245 mm)	16' 1" (4,910 mm)
Max Bucket Digging Force	6,471 lb (2,935 kg)	4,991 lb (2,264 kg)	6,968 lb (3,161 kg)	5,058 lb (2,294 kg)	6,384 lb (2,896 kg)	4,994 lb (2,265 kg)	6,350 lb (2,880 kg)	8,059 lb (3,655 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)	3,731 lb (1,692 kg)	3,410 lb (1,547 kg)	3,285 lb (1,490 kg)	3,592 lb (1,629 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	7,081 lb (3,212 kg)	5,600 lb (2,540 kg)	NP
<b>ENGINE</b>									
Make / Model	Yanmar / 3TNV88F	Kubota / D1105	Kubota / D1105	Yanmar / 3TNV76	Cat / C1.3	Yanmar / 3TNV80F	Kubota / V1505	Kubota / D1703	Yanmar / 3TNV80F
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 Interim 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 (17.9 kW)	24.8 hp (18.5 kW)	20.0 hp (14.9 kW)	24.4 hp (18.2 kW)	28.2 hp (21.0 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	2,250 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
<b>UNDERCARRIAGE</b>									
Track Width	11.8" (300 mm)	11.8" (300 mm)	NP	11.8" (300 mm)	11.8" (300 mm)	11.8" (300 mm)	11.8" (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)	3.9 psi (26.9 kPa)	4.5 psi (31.0 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)	1.8 mph (2.8 km/h)	1.9 mph (3.1 km/h)	1.7 mph (2.8 km/h)
Travel Speed High Range	3.2 mph (5.2 km/h)	2.8 mph (4.6 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)	2.9 mph (4.6 km/h)	2.9 mph (4.8 km/h)	2.8 mph (4.5 km/h)
<b>HYDRAULIC SYSTEM</b>									
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)	21.4 gpm (81.0 L/m)	27.3 gpm (103.3 L/m)	23.4 gpm (88.6 L/m)
Auxiliary Hydraulic Flow	13.4 gpm (50.6 L/m)	12.7 gpm (48 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)	13.1 gpm (49.6 L/m)	10.9 gpm (41.4 L/m)	13.6 gpm (51.5 L/m)
Hydraulic System Pressure	3,046 psi (21.0 MPa)	2,611 psi (18.0 MPa)	2,987 psi (20.6 MPa)	3,336 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)	9.0 gal (34 L)	9.5 gal (36 L)	NP
<b>DIMENSIONS</b>									
Width	4' 9.5" (1,460 mm)	4' 11.6" (1,514 mm)	4' 11.8" (1,519 mm)	5' 2" (1,570 mm)	5' 0" (1,550 mm)	4' 11" (1,499 mm)	4' 11" (1,499 mm)	5' 1" (1,550 mm)	4' 11" (1,500 mm)
Height	8' 3.9" (2,540 mm)	7' 10.9" (2,410 mm)	7' 11.6" (2,428 mm)	7' 11" (2,408 mm)	8' 2" (2,500 mm)	8' 0" (2,438 mm)	8' 0" (2,438 mm)	8' 0" (2,440 mm)	8' 2" (2,490 mm)
Length (Transport)	15' 3" (4,595 mm)	14' 2.4" (4,328 mm)	15' 5.3" (4,707 mm)	14' 0" (4,255 mm)	14' 8" (4,470 mm)	14' 8" (4,470 mm)	14' 11" (4,550 mm)	15' 7" (4,760 mm)	13' 5" (4,090 mm)
Ground Clearance	11.9" (305 mm)	NP	NP	NP	NP	12.0" (305 mm)	11.0" (285 mm)	11.6" (295 mm)	12.6" (320 mm)
Boom Swing (Degrees L / R)	78 / 58	60 / 60	75 / 55	75 / 50	80 / 50	70 / 60	80 / 60	80 / 50	47 / 74
Min Front Swing Radius	6' 2.7" (1,895 mm)	7' 0" (2,134 mm)	NP	NP	6' 11" (2,110 mm)	6' 4" (1,930 mm)	6' 4" (1,940 mm)	6' 2" (1,870 mm)	7' 1" (2,160 mm)
Tail Swing Radius	4' 3" (1,330 mm)	2' 6.3" (770 mm)	NP	2' 6" (760 mm)	2' 11" (890 mm)	2' 7" (787 mm)	3' 11.6" (1,210 mm)	4' 4" (1,310 mm)	2' 5" (750 mm)