

TB216

Competitive Details

	Takeuchi TB216	Bobcat E20	Case CX17C	Caterpillar 301.4C	Caterpillar 301.7D	John Deere 17G	Kubota U17	Kubota KX018-4	Yanmar Vi017
PERFORMANCE									
Tail Swing	Conventional	Zero Tail	Zero Tail	Conventional	Conventional	Zero Tail	Zero Tail	Conventional	Zero Tail
Operating Weight	3,902 lb (1,770 kg)	4,306 lb (1,953 kg)	3,910 lb (1,775 kg)	3,236 lb (1,380 kg)	3,825 lb (1,735 kg)	3,790 lb (1,720 kg)	3,703 lb (1,680 kg)	3,748 lb (1,700 kg)	3,836 lb (1,740 kg)
Max Digging Depth	7' 10" (2,390 mm)	8' 6" (2,591 mm)	7' 1" (2,150 mm)	7' 9" (2,362 mm)	7' 11" (2,413 mm)	7' 2" (2,184 mm)	7' 7" (2,310 mm)	7' 9.7" (2,380 mm)	7' 3" (2,200 mm)
Max Dump Height	8' 10.5" (2,705 mm)	8' 9.6" (2,682 mm)	8' 8" (2,650 mm)	8' 3" (2,515 mm)	8' 7" (2,616 mm)	8' 4" (2,515 mm)	8' 0" (2,440 mm)	7' 9.7" (2,380 mm)	8' 8" (2,630 mm)
Max Reach	13' 5" (4,090 mm)	14' 0" (4,267 mm)	12' 9" (3,890 mm)	12' 5.3" (3,792 mm)	12' 9" (3,886 mm)	12' 6" (3,810 mm)	12' 7" (3,840 mm)	12' 10.3" (3,920 mm)	12' 2" (3,710 mm)
Max Bucket Digging Force	4,250 lb (1,928 kg)	4,684 lb (2,125 kg)	3,417 lb (1,550 kg)	3,597 lb (1,632 kg)	4,226 lb (1,917 mm)	3,597 lb (1,631 kg)	3,417 lb (1,550 kg)	3,594 lb (1,630 kg)	3,418 lb (1,550 kg)
Max Arm Digging Force	1,843 lb (836 kg)	2,086 lb (946 kg)	2,248 lb (1,020 mm)	1,596 lb (724 kg)	2,303 lb (1,044 kg)	1,933 lb (877 kg)	1,918 lb (870 kg)	1,852 lb (840 kg)	1,918 lb (870 kg)
Traction Force	4,361 lb (1,978 kg)	NP	3,300 lb (1,420 kg)	NP	NP	NP	4,865 lb (2,207 kg)	4,542 lb (2,060 kg)	4,183 lb (1,897 kg)

ENGINE									
Make / Model	Yanmar / 3TNV74	Kubota / D722-E2B	Kubota D902	Yanmar / 3TNV76	Yanmar / 3TNV76	Yanmar / 3TNV74F	Kubota / D902-E3	Kubota / D902-BH-E4	Yanmar / 3TNV74-SPBV
Tier Rating	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	EPA Final Tier 4
Horsepower	15.0 hp (11.2 kW)	13.9 hp (10.4 kW)	16.8 hp (12.5 kW)	17.7 hp (13.2 kW)	17.7 hp (13.2 kW)	14.5 hp (10.8 kW)	15.1 hp (11.3 kW)	16.1 hp (12.0 kW)	14.5 hp (10.8 kW)
Rated Engine Speed	2,400 rpm	2,500 rpm	2,300 rpm	NP	NP	2,400 rpm	2,300 rpm	2,300 rpm	2,400 rpm
Max Torque	38.2 ft-lb (51.8 Nm)	31.2 ft-lb (42.3 Nm)	39.5 ft-lb (53.5 Nm)	NP	NP	NP	NP	NP	NP

UNDERCARRIAGE									
Track Width	9.0" (230mm)	9.0" (230 mm)	9.0" (230 mm)	9.0" (230 mm)	9.0" (230 mm)	9.0" (231 mm)	9.1" (230 mm)	9.0" (230 mm)	9.0" (230 mm)
Ground Pressure	4.3 psi (29.6 kPa)	NP	3.9 psi (27.5 kPa)	NP	NP	3.9 psi (26.6 kPa)	3.8 psi (26.2 kPa)	3.8 psi (26.2 kPa)	3.7 psi (25.5 kPa)
Travel Speed, Low	1.4 mph (2.2 km/h)	1.5 mph (2.4 km/h)	1.4 mph (2.2 km/h)	1.5 mph (2.5 km/h)	1.7 mph (2.8 km/h)	1.5 mph (2.4 km/h)	1.4 mph (2.1 km/h)	1.4 mph (2.2 km/h)	1.3 mph (2.1 km/h)
Travel Speed, High	2.6 mph (4.2 km/h)	2.5 mph (4.0 km/h)	2.5 mph (4.2 km/h)	2.5 mph 4.1 km/h)	3.5 mph (5.6 km/h)	2.6 mph (4.2 km/h)	2.6 mph (4.1 km/h)	2.5 mph (4.0 km/h)	2.7 mph (4.3 km/h)

HYDRAULIC SYSTEM									
Total Hydraulic Flow	13.5 gpm (50.9 L/m)	NP	10.2 gpm (38.6 L/m)	9.2 gpm (35 L/m)	19.3 gpm (73.1 L/m)	13.1 gpm (49.4 L/m)	11.9 gpm (45.0 L/m)	13.7 gpm (49.9 L/m)	15.3 gpm (57.9 L/m)
Aux. Hydraulic Flow	8.9 gpm (33.6 L/m)	7.9 gpm (29.9 L/m)	7.2 gpm (24.7 l/min)	NP	8.0 gpm (30.0 L/m)	7.9 gpm (29.9 L/m)	7.3 gpm (27.7 L/m)	7.4 gpm (27.7 L/m)	NP
Hydraulic System Pressure	3,046 psi (21.0 MPa)	2,610 psi (18.0 MPa)	2,420 psi (16.7 MPa)	2,901 psi (20.0 MPa)	2,900 psi (20.0 MPa)	NP	NP	NP	2,986 psi (20.6 MPa)
Hydraulic Reservoir Capacity	6.5 gal (24.5L)	NP	3.4 gal (13 L)	5.3 gal (20 L)	5.5 gal (21 L)	3.7 gal (14.0 L)	3.4 gal (13.0 L)	4.1 gal (15.5L)	NP

DIMENSIONS									
Width	38.6" - 51.2" (980-1300 mm)	39" - 54" (991-1372 mm)	39" - 51" (990-1295 mm)	39" - 51" (990-1300 mm)	39" - 51" (990-1300 mm)	39" - 50" (991-1270 mm)	39" - 49" (990-1240 mm)	39" - 51.2" (990-1300mm)	37" - 49" (950-1280 mm)
Height	8' 3.9" (2537 mm)	7' 6.4" (2,296 mm)	7' 7" (2,320 mm)	7' 6" 2,276 mm)	7' 5" (2,290 mm)	7' 10" (2,388 mm)	7' 8" (2,340 mm)	7' 7.7" (2,330 mm)	7' 7" (2,300 mm)
Length (Transport)	12' 8.3" (3,870 mm)	12' 1.2" (3,688 mm)	11' 5" (3,480 mm)	12' 0" (3,6858 mm)	12' 8" (3,855 mm)	11' 6" (3,505 mm)	11' 7" (3,545 mm)	12' 2.1" (3,710 mm)	11' 4" (3,450 mm)
Ground Clearance	8.1" (205 mm)	NP	6.7" (170 mm)	NP	NP	6.0" (152 mm)	5.9" (150 mm)	6.3" (160 mm)	7.0" (175 mm)
Boom Swing (Degrees L / R)	80 / 50	80 / 60	75 / 50	73 / 49	77 / 48	70 / 50	65 / 58	73 / 50	42 / 65
Min Front Swing Radius	4' 10.3" (1,480 mm)	5' 3.4" (1,611 mm)	NP	4' 11" (1,490 mm)	NP	5' 0" (1,524 mm)	4' 0" (1,230 mm)	4' 10.3" (1,480 mm)	5' 0" (1,525 mm)
Tail Swing Radius	3' 6.3" (1,075 mm)	2' 1" (645 mm)	2' 1" (645 mm)	3' 6" (1,075 mm)	3' 10" (1,170 mm)	2' 3" (686 mm)	2' 0" (620 mm)	3' 6.1" (1,070 mm)	2' 1" (640 mm)