

TB257FR

Product Comparison

TAKEUCHI®

Takeuchi
TB257FR

Bobcat
E55

Bobcat
E63

Caterpillar
305.5E2 CR

John Deere
60G

Kubota
KX057-4

Volvo
ECR58D

Yanmar
Vi055-6A

PERFORMANCE

Tail Swing Design	Zero	Conventional	Conventional	Minimal	Minimal	Conventional	Minimal	Zero
Operating Weight	12,675 lb (5,750 kg)	12,004 lb (5,445 kg)	13,779 lb (6,250 kg)	11,596 lb (5,260 kg)	13,320 lb (6,042 kg)	12,200 lb (5,535 kg)	12,960 lb (5,879 kg)	11,850 lb (5,375 kg)
Max Digging Depth	12' 9.4" (3,895 mm)	12' 10.8" (3,932 mm)	13' 6" (4,115 mm)	12' 8" (3,861 mm)	13' 6" (4,115 mm)	12' 8" (3,861 mm)	12' 11" (3,937 mm)	12' 9.5" (3,899 mm)
Max Dump Height	12' 9.2" (3,890 mm)	13' 7.2" (4,145 mm)	14' 0" (4,267 mm)	13' 5" (4,089 mm)	14' 6" (4,420 mm)	13' 9" (4,191 mm)	14' 1" (4,293 mm)	13' 3" (4,039 mm)
Max Reach	20' 4.6" (6,215 mm)	20' 0" (6,096 mm)	20' 4.8" (6,218 mm)	20' 3" (6,172 mm)	21' 6" (6,553 mm)	20' 6" (6,248 mm)	20' 11" (6,375 mm)	20' 2" (6,147 mm)
Max Bucket Digging Force	10,431 lb (4,731 kg)	8,977 lb (4,072 kg)	9,731 lb (4,414 kg)	11,445 lb (5,191 kg)	9,240 lb (4,191 kg)	11,177 lb (5,070 kg)	8,950 lb (4,060 kg)	7,464 lb (3,386 kg)
Max Arm Digging Force	5,190 lb (2,354 kg)	5,751 lb (2,609 kg)	5,767 lb (2,616 kg)	5,575 lb (2,529 kg)	6,060 lb (2,749 kg)	5,644 lb (2,560 kg)	5,060 lb (2,295 kg)	5,058 lb (2,294 kg)
Traction Force	15,040 lb (6,822 kg)	11,767 lb (5,338 kg)	NP	10,746 lb (4,874 kg)	NP	14,480 lb (6,568 kg)	10,970 lb (4,976 kg)	NP

ENGINE

Make / Model	Kubota V2403-CR-TE5B	NP	NP	Caterpillar / C2.4	Yanmar / 4TN-V98C-WHB	Kubota / V2607-CR-E4	Volvo / D2.6H	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	EPA Final Tier 4
Horsepower	52.3 hp (39.0 kW)	49.8 hp (37.1 kW)	59.4 hp (44.3 kW)	45.7 hp (34.1 kW)	53.0 hp (39.6 kW)	47.6 hp (35.5 kW)	49.0 hp (36.5 kW)	47.6 hp (35.5 kW)
Rated Engine Speed	2,200 rpm	2,200 rpm	2,100 rpm	2,200 rpm	2,000 rpm	2,200 rpm	2,000 rpm	2,400 rpm
Max Torque	144.3 ft-lb (195.6 Nm)	NP	NP	NP	NP	NP	155.0 ft-lb (210 Nm)	NP

UNDERCARRIAGE

Track Width	15.7" (400 mm)	15.7" (400 mm)	15.7" (400 mm)	16" (406 mm)	16" (406 mm)	15.7" (400 mm)	16" (406 mm)	16" (406 mm)
Ground Pressure	4.7 psi (32.6 kPa)	4.1 psi (28.3 kPa)	5.1 psi (35.2 kPa)	4.5 psi (31.0 kPa)	5.2 psi (35.9 kPa)	4.5 psi (31.3 kPa)	4.9 psi (33.8 kPa)	4.2 psi (29.2 kPa)
Travel Speed Low Range	1.6 mph (2.6 km/h)	1.9 mph (3.1 km/h)	1.6 mph (2.6 km/h)	1.7 mph (2.7 km/h)	1.8 mph (2.9 km/h)	1.8 mph (2.8 km/h)	1.3 mph (2.1 km/h)	1.4 mph (2.3 km/h)
Travel Speed High Range	3.0 mph (4.8 km/h)	3.1 mph (5.0 km/h)	2.9 mph (4.7 km/h)	2.8 mph (4.5 km/h)	3.0 mph (4.8 km/h)	3.1 mph (4.9 km/h)	2.6 mph (4.2 km/h)	2.6 mph (4.2 km/h)

HYDRAULIC SYSTEM

Total Hydraulic Flow	46.4 gpm (175.6 L/m)	NP	NP	39.6 gpm (150 L/m)	38.0 gpm (144 L/m)	39.4 gpm (149.2 L/m)	37.0 gpm (140 L/m)	36.5 gpm (138.2 L/m)
Auxiliary Hydraulic Flow	27.7 / 11.8 gpm (105 L/m / 44.7 L/m)	20.0 gpm (75.7 L/m)	22.5 gpm (85.2 L/m)	21.1 gpm / 6.6 gpm (80 L/m / 25 L/m)	24.2 gpm (91.5 L/m)	19.8 gpm / 9.8 gpm (75 L/m / 37 L/m)	18.0 gpm (68.1 L/m)	21.8 gpm (82.5 L/m)
Hydraulic System Pressure	3,481 psi (24.0 MPa)	3,045 psi (21.0 MPa)	3,046 psi (21.0 MPa)	3,553 psi (24.5 MPa)	NP	NP	3,410 psi (23.5 MPa)	3,553 psi (24.5 MPa)
Hydraulic Reservoir Capacity	13.7 gal (52.0 L)	NP	NP	18.0 gal (68.3 L)	21.1 gal (80 L)	11.9 gal (45 L)	14.0 gal (53.0 L)	NP

DIMENSIONS

Width	6' 6.7" (2,000 mm)	6' 5.2" (1,961 mm)	6' 6" (1,981 mm)	6' 6" (1,981 mm)	6' 7" (2,007 mm)	6' 5" (1,956 mm)	6' 7" (2,007 mm)	6' 6" (1,981 mm)
Height	8' 5.4" (2,575 mm)	8' 4" (2,540 mm)	8' 4" (2,550 mm)	8' 4" (2,540 mm)	8' 4" (2,540 mm)	8' 4" (2,540 mm)	8' 7" (2,616 mm)	8' 4" (2,540 mm)
Length (Transport)	17' 8.4" (5,395 mm)	17' 2.4" (5,243 mm)	18' 9.6" (5,730 mm)	17' 11" (5,461 mm)	19' 0" (5,791 mm)	18' 1" (5,512 mm)	18' 4" (5,588 mm)	18' 4" (5,588 mm)
Ground Clearance	11.8" (300 mm)	NP	NP	NP	13.0" (330 mm)	12.2" (310 mm)	14.0" (356 mm)	14.0" (356 mm)
Boom Swing (Degrees L / R)	30 / 16	75 / 50	70 / 50	80 / 50	80 / 60	70 / 55	70 / 60	68 / 68
Front Swing Radius	8' 5.5" (2,580 mm)	NP	NP	8' 4" (2,540 mm)	8' 4" (2,540 mm)	7' 11" (2,413 mm)	8' 0" (2,438 mm)	7' 9" (2,362 mm)
Tail Swing Radius	3' 10.6" (1,180 mm)	NP	NP	3' 8" (1,118 mm)	4' 8" (1,422 mm)	4' 2" (1,270 mm)	3' 6" (1,067 mm)	3' 3" (991 mm)