

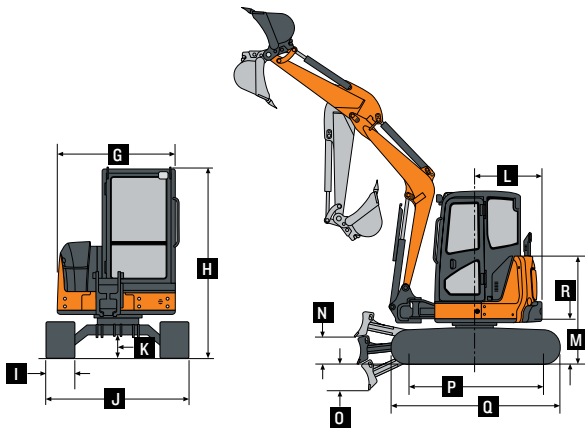
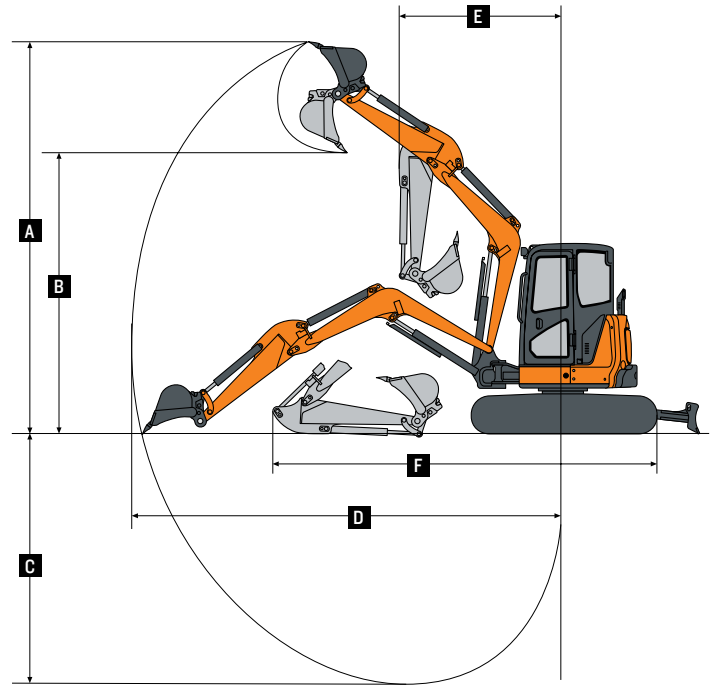
SPECIFICATIONS

ZX50U-5

Engine	ZX50U-5			
Manufacturer and Model	Yanmar 4TNV88C			
Non-Road Emissions Standard	EPA Final Tier 4 (FT4)/EU Stage IV			
Displacement	2.19 L (134 cu. in.)			
Net Power (ISO 9249)	26.8 kW (35.9 hp) at 2,400 rpm			
Powertrain	Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box			
Maximum Travel Speed				
Low	2.5 km/h (1.6 mph)			
High	4.2 km/h (2.6 mph)			
Hydraulics	Closed center load-sensing with 1 variable-displacement pump			
Pump Flow	120.0 L/m (31.7 gpm)			
Auxiliary Flow	87.4 L/m (23.1 gpm)			
Controls	Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel and auxiliary functions			
Electrical				
Alternator Rating	55 amp			
Work Lights	2 Halogen (1 mounted on frame and 1 mounted on boom)			
Undercarriage				
Track, Rubber	400 mm (16 in.)			
Ground Pressure	1380-mm (4 ft. 6 in.)	1380-mm (4 ft. 6 in.)	1690-mm (5 ft. 7 in.)	1690-mm (5 ft. 7 in.)
	Standard Arm, Canopy and Standard Counterweight	Standard Arm, Cab and Standard Counterweight	Long Arm, Canopy and Extra Counterweight	Long Arm, Cab and Extra Counterweight
With Rubber Track	26.9 kPa (3.90 psi)	28.3 kPa (4.10 psi)	28.8 kPa (4.17 psi)	29.5 kPa (4.28 psi)
Upperstructure				
Swing Speed	9.0 rpm			
Independent Swing Boom				
Left	80 deg.			
Right	60 deg.			
Swing Break	Spring-applied, hydraulically released, automatic, disc type			
Serviceability				
Refill Capacities				
Fuel Tank	70 L (18.5 gal.)			
Cooling System	5.0 L (5.3 qt.)			
Engine Oil with Filter	8.6 L (9.1 qt.)			
Hydraulic Tank	56 L (14.8 gal.)			
Operating Weights	1380-mm (4 ft. 6 in.)	1380-mm (4 ft. 6 in.)	1690-mm (5 ft. 7 in.)	1690-mm (5 ft. 7 in.)
	Standard Arm, Canopy and Standard Counterweight	Standard Arm, Cab and Standard Counterweight	Long Arm, Canopy and Extra Counterweight	Long Arm, Cab and Extra Counterweight
With 400-mm (16 in.) Rubber Track, Straight Blade, Full Fuel Tank and 79-kg (175 lb.) Operator	4790 kg (10,560 lb.)	4920 kg (10,847 lb.)	5018 kg (11,063 lb.)	5148 kg (11,349 lb.)
Optional Angle Blade	409 kg (902 lb.)			
Counterweight				
Standard	700 kg (1,543 lb.)			
Additional	200 kg (441 lb.)			

Operating Dimensions		ZX50U-5			
		1380-mm (4 ft. 6 in.)	1690-mm (5 ft. 7 in.)	1380-mm (4 ft. 6 in.)	1690-mm (5 ft. 7 in.)
		Standard Arm and Canopy	Long Arm and Canopy	Standard Arm and Cab	Long Arm and Cab
A	Maximum Cutting Height	5.75 m (18 ft. 10 in.)	6.00 m (19 ft. 8 in.)	5.75 m (18 ft. 10 in.)	6.00 m (19 ft. 8 in.)
B	Maximum Dumping Height	4.07 m (13 ft. 4 in.)	4.31 m (14 ft. 2 in.)	4.07 m (13 ft. 4 in.)	4.31 m (14 ft. 2 in.)
C	Maximum Digging Depth	3.53 m (11 ft. 7 in.)	3.83 m (12 ft. 7 in.)	3.53 m (11 ft. 7 in.)	3.83 m (12 ft. 7 in.)
D	Maximum Digging Reach	5.96 m (19 ft. 7 in.)	6.26 m (20 ft. 6 in.)	5.96 m (19 ft. 7 in.)	6.26 m (20 ft. 6 in.)
E	Minimum Front Swing Radius	2.21 m (7 ft. 3 in.)	2.30 m (7 ft. 7 in.)	2.21 m (7 ft. 3 in.)	2.30 m (7 ft. 7 in.)
F	Transport Length	5.47 m (17 ft. 11 in.)	5.52 m (18 ft. 1 in.)	5.47 m (17 ft. 11 in.)	5.52 m (18 ft. 1 in.)
Digging Force (ISO)					
	Arm	24.0 kN (5,401 lb.)	21.0 kN (4,718 lb.)	24.0 kN (5,401 lb.)	21.0 kN (4,718 lb.)
	Bucket	36.8 kN (8,267 lb.)	36.8 kN (8,267 lb.)	36.8 kN (8,267 lb.)	36.8 kN (8,267 lb.)

Machine Dimensions		
G	Upperstructure Width	1.85 m (6 ft. 1 in.)
H Overall Height		
	Canopy	2.53 m (8 ft. 4 in.)
	Cab	2.53 m (8 ft. 4 in.)
I	Track Width	400 mm (16 in.)
J	Undercarriage Width	2.00 m (6 ft. 7 in.)
K	Ground Clearance	340 mm (13 in.)
L Tail Swing Radius		
	With Standard Arm	1.00 m (39 in.)
	With Long Arm and Extra Counterweight	1.10 m (43 in.)
M	Engine Cover Height	1.59 m (5 ft. 3 in.)
N	Maximum Blade Lift Above Ground	460 mm (18 in.)
O	Maximum Blade Drop Below Ground	360 mm (14 in.)
Blade		
	Width	2.00 m (6 ft. 7 in.)
	Height	375 mm (15 in.)
P	Sprocket Center to Idler Center	2.00 m (6 ft. 7 in.)
Q	Undercarriage Length	2.50 m (8 ft. 2 in.)
R	Counterweight Clearance	610 mm (24 in.)



ZX50U-5

Lift Capacities

Boldface type indicates hydraulically limited capacity; **lightface type** indicates stability-limited capacities, in kg (lb.). Machine equipped with 2000-mm (6 ft. 7 in.) blade and 400-mm (16 in.) track; lifting measurement from center of arm to bucket pin; situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567 (with power boost).

	Rubber Track and Standard Counterweight		Steel Track and Standard Counterweight		Rubber Track and Extra Counterweight		Steel Track and Extra Counterweight	
	Over Front*	Over Side	Over Front	Over Side	Over Front*	Over Side	Over Front	Over Side
Ground level at 3.05 m (10 ft.) radius								
1380-mm (4 ft. 6 in.) Standard Arm and Cab	2509 (5,531)	1149 (2,534)	2509 (5,531)	1188 (2,618)	2509 (5,531)	1271 (2,803)	2509 (5,531)	1310 (2,888)
1690-mm (5 ft. 7 in.) Long Arm and Cab	2475 (5,456)	1060 (2,486)	2475 (5,456)	1166 (2,570)	2475 (5,456)	1250 (2,755)	2475 (5,456)	1288 (2,840)
1380-mm (4 ft. 6 in.) Standard Arm and Canopy	2509 (5,531)	1109 (2,444)	2509 (5,531)	1147 (2,529)	2509 (5,531)	1231 (2,714)	2509 (5,531)	1269 (2,798)
1690-mm (5 ft. 7 in.) Long Arm and Canopy	2475 (5,456)	1087 (2,396)	2475 (5,456)	1125 (2,481)	2475 (5,456)	1209 (2,666)	2475 (5,475)	1247 (2,750)
Ground level at 4.57 m (15 ft.) radius								
1380-mm (4 ft. 6 in.) Standard Arm and Cab	1415 (3,120)	660 (1,454)	1415 (3,120)	682 (1,504)	1415 (3,120)	665 (1,613)	1415 (3,120)	755 (1,664)
1690-mm (5 ft. 7 in.) Long Arm and Cab	1388 (3,060)	572 (1,416)	1388 (3,060)	665 (1,466)	1388 (3,060)	714 (1,575)	1388 (3,060)	737 (1,625)
1380-mm (4 ft. 6 in.) Standard Arm and Canopy	1415 (3,120)	635 (1,401)	1415 (3,120)	658 (1,451)	1415 (3,120)	708 (1,560)	1415 (3,120)	731 (1,611)
1690-mm (5 ft. 7 in.) Long Arm and Canopy	1388 (3,060)	618 (1,363)	1388 (3,060)	641 (1,413)	1388 (3,060)	690 (1,522)	1388 (3,060)	713 (1,572)