



30G SPECIFICATIONS

Engine		30G	
Manufacturer and Model	Yanmar 3TNV88F-EPHB		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	1.642 L (100.2 cu. in.)		
Net Rated Power (ISO 9249)	17.4 kW (23 hp) at 2,400 rpm		
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	2.8 km/h (1.7 mph)		
High	4.3 km/h (2.7 mph)		
Swing Speed, Right and Left	19.8 rpm		
Swing Brake	Spring applied, hydraulically released, automatic, disc type		
Hydraulics			
Open center, pilot operated, with 2 variable-displacement pumps and single-gear pilot pump			
Maximum Rated Flow			
Main Pumps	2 x 38.4 L/m (2 x 10.1 gpm)		
Pilot Pump	22.8 L/m (6.0 gpm)		
Auxiliary Hydraulics	61.2 L/m (16.2 gpm)		
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot controls with shutoff lever		
Electrical			
Alternator Rating	55 amp		
Work Lights	2 halogen, 1 mounted on operator station, and 1 mounted on boom		
Undercarriage			
Planetary final drives with axial-piston motors; propel motor shields			
Track-Shoe Width, Standard Configuration	300 mm (11.8 in.)		
Ground Pressure with 300-mm (12 in.) Triple Semi-Grouser Shoes			
With Canopy	28 kPa (4.1 psi)		
With Cab	30 kPa (4.4 psi)		
Upperstructure			
Maximum Boom-Swing Angle	<i>Canopy</i>		<i>Cab</i>
Left	72 deg.		62 deg.
Right	62 deg.		62 deg.
Serviceability			
Refill Capacities			
Fuel Tank	42.0 L (11.1 gal.)		
Engine Coolant	5.0 L (1.3 gal.)		
Engine Oil with Filter	7.2 L (1.9 gal.)		
Travel Gearcase (each; qty. 2)	0.60 L (0.6 qt.)		
Hydraulic System	56.0 L (14.8 gal.)		
Hydraulic Tank	43.0 L (11.4 gal.)		
Operating Weights			
With 328-kg (723 lb.) Counterweight, Standard Front Attachments, Full Fuel Tank, and 75-kg (165 lb.) Operator			
300-mm (12 in.) Rubber Track (canopy with operator)	3105 kg (6,850 lb.)		
300-mm (12 in.) Rubber Track (cab with operator)	3275 kg (7,220 lb.)		

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Operating Dimensions 30G

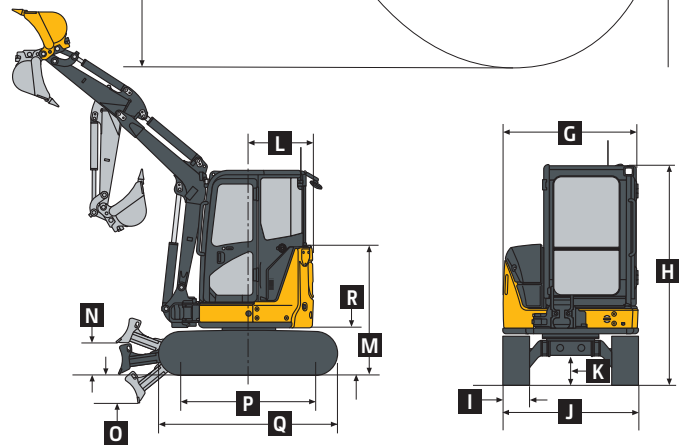
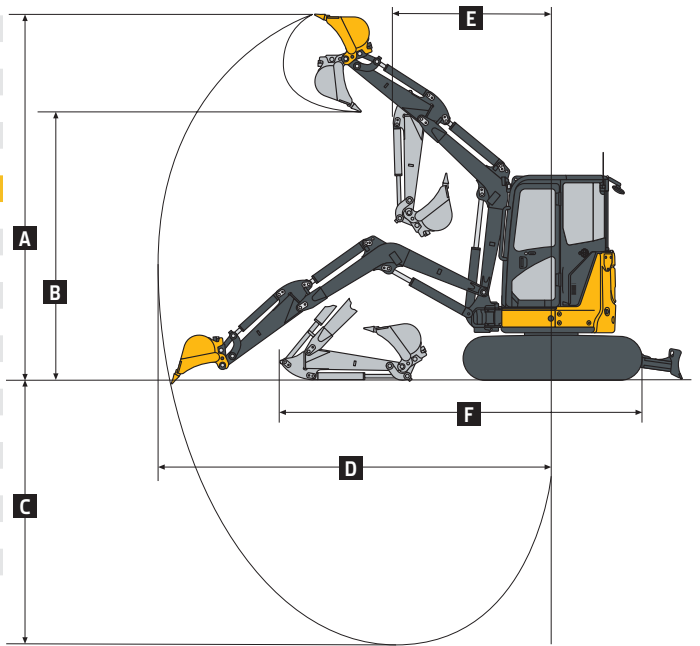
1.17-m (3 ft. 10 in.) Standard Arm and Standard Counterweight

	Canopy	Cab
A Maximum Cutting Height	4.62 m (15 ft. 2 in.)	4.42 m (14 ft. 6 in.)
B Maximum Dumping Height	3.20 m (10 ft. 6 in.)	3.03 m (9 ft. 11 in.)
C Maximum Digging Depth	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
D Maximum Digging Reach	4.89 m (16 ft. 1 in.)	4.89 m (16 ft. 1 in.)
E Minimum Boom-Swing Radius	1.58 m (5 ft. 2 in.)	1.82 m (6 ft. 0 in.)
F Transport Length	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)

Machine Dimensions

Blade

Width	1740 mm (5 ft. 9 in.)
Height	373 mm (15 in.)
G Upperstructure Width	1.55 m (5 ft. 1 in.)
H Overall Height, Canopy or Cab	2.48 m (8 ft. 2 in.)
I Track Width	300 mm (12 in.)
J Undercarriage Width	1.55 m (5 ft. 1 in.)
K Ground Clearance	280 mm (11 in.)
L Tail-Swing Radius (with standard arm)	775 mm (31 in.)
M Engine Cover Height	1.53 m (5 ft. 0 in.)
N Maximum Blade Lift Above Ground	360 mm (14 in.)
O Maximum Blade Drop Below Ground	360 mm (14 in.)
P Sprocket Center to Idler Center	1.66 m (5 ft. 5 in.)
Q Undercarriage Length	2.11 m (6 ft. 11 in.)
R Counterweight Clearance	0.55 m (22 in.)



Lift Capacities

Boldface type indicates hydraulically limited capacities; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87% of hydraulic capacity or 75% of weight needed to tip machine.

1.17-m (3 ft. 10 in.) Arm, 81.5-kg (180 lb.) Bucket, 328-kg (723 lb.)

Counterweight, and 300-mm (12 in.) Track Shoe	Canopy, Blade on Ground, Over Front*	Canopy, Blade on Ground, Over Side	Cab, Blade on Ground, Over Front*	Cab, Blade on Ground, Over Side
Ground Level at 3.0-m (10 ft.) Radius	1440 kg (3,170 lb.)	480 kg (1,050 lb.)	1440 kg (3,170 lb.)	510 kg (1,124 lb.)

*Blade down (limited by hydraulics).