

# 17G

<b>Engine</b>		<b>17G</b>
Manufacturer and Model	Yanmar 3TNV74F	
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	
Displacement	0.99 L (61 cu. in.)	
Net Power (ISO 9249)	10.8 kW (14.5 hp) at 2,400 rpm	
<b>Powertrain</b>		
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box		
<b>Maximum Travel Speed</b>		
Low	2.4 km/h (1.5 mph)	
High	4.2 km/h (2.6 mph)	
Swing Speed	9.4 rpm	
Swing Brake	Spring applied, hydraulically released, automatic	
<b>Hydraulics</b>		
Open center with 2 variable-displacement pumps, 1 fixed-gear pump, and 1 pilot pump		
Pump Flow		
Piston	2 x 19.2 L/m (2 x 5.1 gpm)	
Gear	10.98 L/m (2.9 gpm)	
Auxiliary Flow	29.9 L/m (7.9 gpm)	
Controls	Hydraulic pilot operated for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions	
<b>Electrical</b>		
Alternator Rating	40 amp	
Work Lights	1 mounted on boom	
<b>Undercarriage</b>		
Planetary final drive; 2-speed axial-piston propel motors		
Tracks, Rubber	230 mm (9 in.)	
Ground Pressure with Rubber Track	26.6 kPa (3.9 psi)	
<b>Upperstructure</b>		
Independent Swing Boom		
Left	70 deg.	
Right	50 deg.	
Counterweight, Standard	120 kg (265 lb.)	
Rear Overhang	40 mm (2 in.)	
<b>Serviceability</b>		
<b>Refill Capacities</b>		
Fuel Tank	20.06 L (5.3 gal.)	
Cooling System	2.7 L (2.9 qt.)	
Engine Oil with Filter	3.10 L (3.3 qt.)	
Hydraulic Tank	14.01 L (3.7 gal.)	
<b>Operating Weight</b>		
With 0.93-m (3 ft. 1 in.) Standard Arm, Standard Counterweight, Rubber Track, Full Fuel Tank, and 79-kg (175 lb.) Operator	1720 kg (3,790 lb.)	



### Operating Dimensions

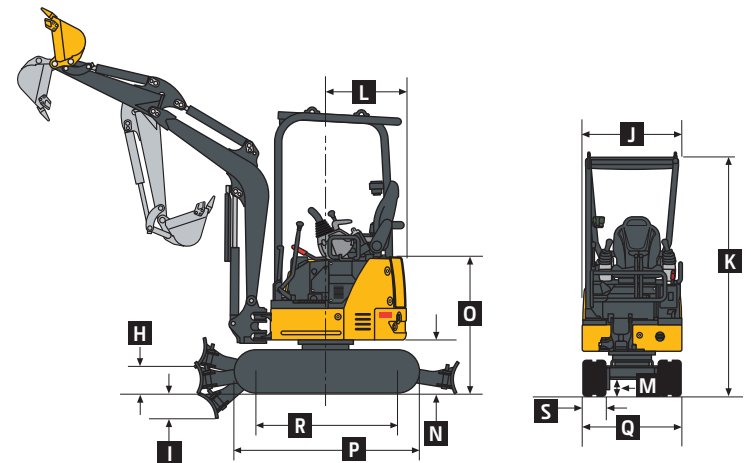
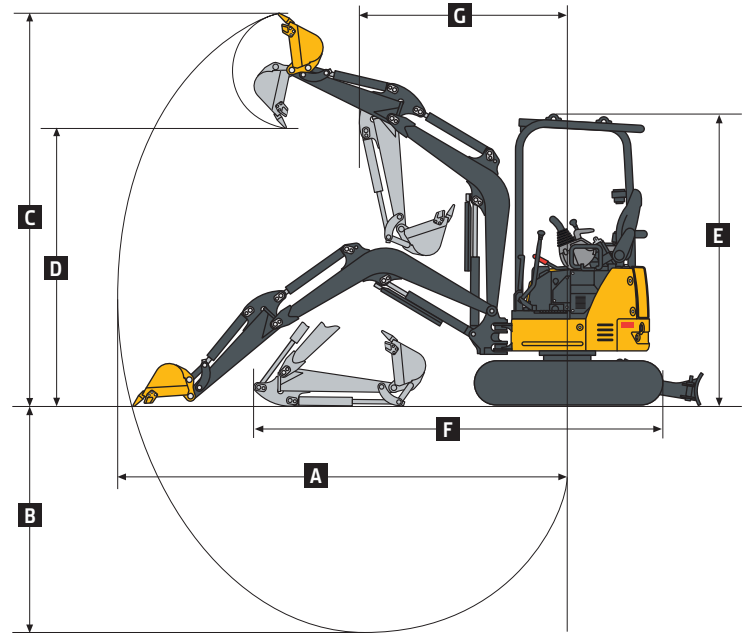
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0.93-m (3 ft. 1 in.) Standard Arm  
and Standard Counterweight

A	Maximum Digging Reach	3.81 m (12 ft. 6 in.)
B	Maximum Digging Depth	2.19 m (7 ft. 2 in.)
C	Maximum Cutting Height	3.54 m (11 ft. 7 in.)
D	Maximum Dumping Height	2.51 m (8 ft. 3 in.)
E	Transport Height	2.38 m (7 ft. 10 in.)
F	Overall Length (blade in front)	3.50 m (11 ft. 6 in.)
G	Minimum Swing Radius	1.53 m (5 ft. 0 in.)
H	Blade Bottom Highest Position	0.29 m (11 in.)
I	Blade Bottom Lowest Position	0.23 m (9 in.)
Boom-Swing Pivot-Offset Distance		0.11 m (4 in.)
Offset Distance		
	Left	0.36 m (14 in.)
	Right	0.56 m (22 in.)
Digging Force		
	Bucket	16.0 kN (3,597 lb.)
	Arm	8.6 kN (1,933 lb.)

### Machine Dimensions

Blade		
Width		
	Minimum	0.98 m (3 ft. 3 in.)
	Maximum	1.28 m (4 ft. 2 in.)
Height		260 mm (10.2 in.)
J	Upperstructure Width	0.99 m (3 ft. 3 in.)
K	Overall Height	2.38 m (7 ft. 10 in.)
L	Rear-End Swing Radius	0.68 m (2 ft. 3 in.)
M	Minimum Ground Clearance	0.165 m (6 in.)
N	Counterweight Height	0.45 m (18 in.)
O	Engine Cover Height	1.15 m (3 ft. 9 in.)
P	Undercarriage Length	1.57 m (5 ft. 2 in.)
Q	Undercarriage Width	
	Minimum	0.98 m (3 ft. 3 in.)
	Maximum	1.28 m (4 ft. 2 in.)
R	Sprocket Center to Idler Center	1.21 m (4 ft. 0 in.)
S	Track Shoe Width	0.23 m (9 in.)



### Lift Capacities

0.93-m (3 ft. 1 in.) Standard Arm, Standard  
Counterweight, and Rubber Track

Ground Level at 3.0-m (10 ft.) Radius

Over Front\*

471 kg (1,015 lb.)

Over Side

217 kg (470 lb.)

\*Blade down (limited by hydraulics).