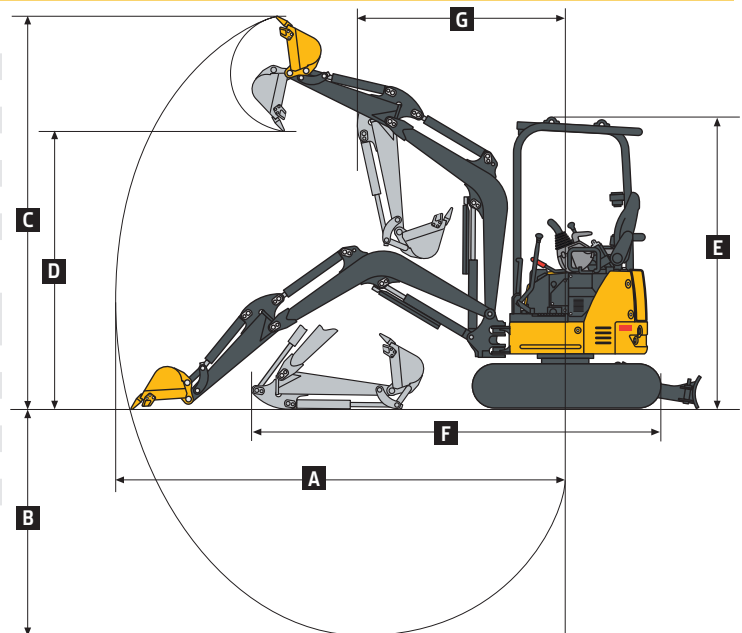


17G COMPACT EXCAVATOR SPECIFICATIONS

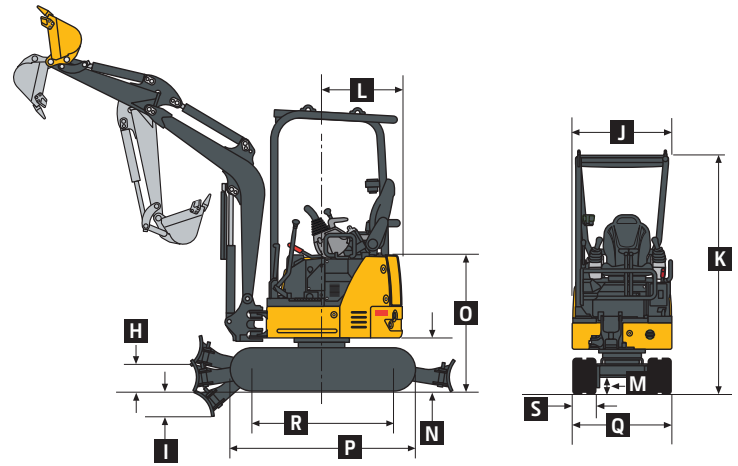
Engine		17G	
Manufacturer and Model	Yanmar 3TNV74F	Displacement	0.99 L (61 cu. in.)
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	Net Power (ISO 9249)	10.8 kW (14.5 hp) at 2,400 rpm
Powertrain			
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box			
Maximum Travel Speed		Swing Speed	9.4 rpm
Low	2.4 km/h (1.5 mph)	Swing Brake	Spring applied, hydraulically released, automatic
High	4.2 km/h (2.6 mph)		
Hydraulics			
Open center with 2 variable-displacement pumps, 1 fixed-gear pump, and 1 pilot pump		Auxiliary Flow Controls	29.9 L/m (7.9 gpm)
Pump Flow		Hydraulic pilot operated for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions	
Piston	2 x 19.2 L/m (2 x 5.1 gpm)		
Gear	10.98 L/m (2.9 gpm)		
Electrical			
Alternator Rating	40 amp		
Work Lights	1 mounted on boom		
Undercarriage			
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)		
Upperstructure			
Independent Swing Boom		Counterweight, Standard	120 kg (265 lb.)
Left	70 deg.	Rear Overhang	40 mm (2 in.)
Right	50 deg.		
Serviceability			
Refill Capacities		Refill Capacities (continued)	
Fuel Tank	20.06 L (5.3 gal.)	Engine Oil With Filter	3.10 L (3.3 qt.)
Cooling System	2.7 L (2.9 qt.)	Hydraulic Tank	14.01 L (3.7 gal.)
Operating Weight			
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		<i>0.93-m (3 ft. 1 in.) Standard Arm and Standard Counterweight</i>
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 <i>(see line art at top right of page 7)</i>	0.29 m (11 in.)
I	Blade Bottom Lowest Position <i>(see line art at top right of page 7)</i>	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.)



While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Machine Dimensions		17G
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

Over Front*

Over Side

Ground Level at 3.0-m (10 ft.) Radius 471 kg (1,015 lb.)

217 kg (470 lb.)

*Blade down (limited by hydraulics).

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

17G Engine
● Meets EPA Final Tier 4/EU Stage IV emissions
● Engine coolant to -37 deg. C (-34 deg. F)
● Engine preheater
● Fan guard
● Fuel/water separator
● Full-flow oil filter
● Isolation mounted
● Key start switch with electric fuel shutoff
● Single dry-type air filter
● Under-hood muffler
Hydraulic System
● Auxiliary function foot control
● Auxiliary hydraulic lines to end of boom
● Axial-piston swing motor
● Boom-swing foot control
● Excavator-to-backhoe control pattern change valve
● Open center with 2 variable-displacement pumps, 1 fixed-gear pump, and 1 pilot pump
● Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, and travel
● Wet-disc swing brake

17G Undercarriage
● Hydraulic-adjustable variable width
● Planetary final drive
● Propel motor shield
● 2-speed axial-piston propel motors
● Rubber track, 230 mm (9 in.)
Upperstructure
● 360-deg. rotation
● Counterweight, 120 kg (265 lb.)
● Hinged service-access doors
● ROPS/TOPS/FOPS (canopy)
● Vandal protection for service doors and fuel cap
● Reduced-tail-swing configuration
Front Attachments
● Arm, 0.93 m (3 ft. 1 in.)
● Backfill blade, 0.98 m (3 ft. 3 in.) minimum to 1.28 m (4 ft. 2 in.) maximum
● Boom, 1.82 m (6 ft. 0 in.)
● Mechanical quick-coupler
▲ Augers: Chain drive / Bits / Bit adapters
▲ Clamp
▲ Hammers: Points / Tools
▲ Quick-coupler buckets: Bucket teeth / Ditching / Heavy-duty

17G Operator's Station
● Horn
● Hour meter
● Instrumentation lights
● Monitor system: Preheat indicator / Engine oil pressure warning light / Alternator charge warning light / Fuel gauge and low-fuel-level indicator / Engine coolant warning light and alarm / Hour meter / Work lights indicator
● Motion alarm with cancel switch
● Work lights switch
● Propel levers
● 2 travel speeds
● Seat belt, 51 mm (2 in.), retractable
● Suspension seat, vinyl, with fore/aft adjustment
▲ Front screen
Electrical
● 12-volt accessory outlet
● Alternator, 40 amp
● Low-maintenance battery
● Blade-type multi-fused circuits
● Positive-terminal battery covers
Lights
● Work lights: 1 mounted on boom

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Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions per ISO 9249. These machines are not equipped with spark-arrestor mufflers. Usage in forestry applications is not recommended. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a canopy unit with standard arm, 406-mm (16 in.) bucket, 230-mm (9 in.) rubber track, 120-kg (265 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator.