

G-SERIES  
**COMPACT EXCAVATORS**



JOHN DEERE

**17G**

**JESCO**  
THE DOWN-TO-EARTH EQUIPMENT PEOPLE™

**30G**

**COMPACT  
AND VERSATILE**





# 17G SPECIFICATIONS

Engine		17G
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
Powertrain		
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box		
Maximum Travel Speed		
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
Hydraulics		
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
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		
Left		70 deg.
Right		50 deg.
Counterweight, Standard		120 kg (265 lb.)
Rear Overhang		40 mm (2 in.)
Serviceability		
Refill Capacities		
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.)
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.)

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# 17G SPECIFICATIONS



## Operating Dimensions

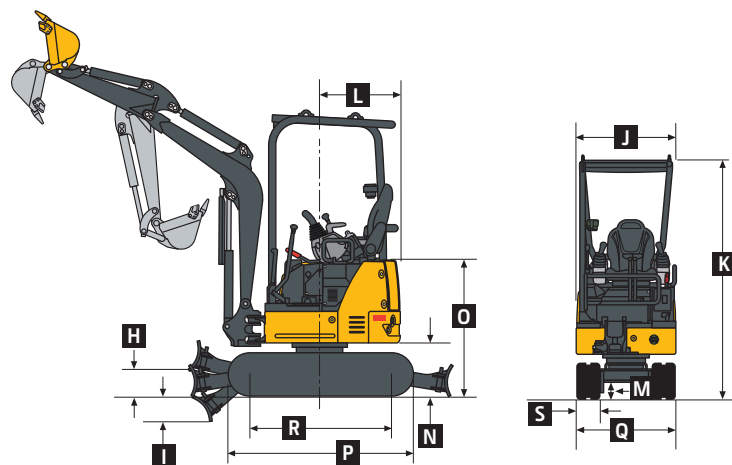
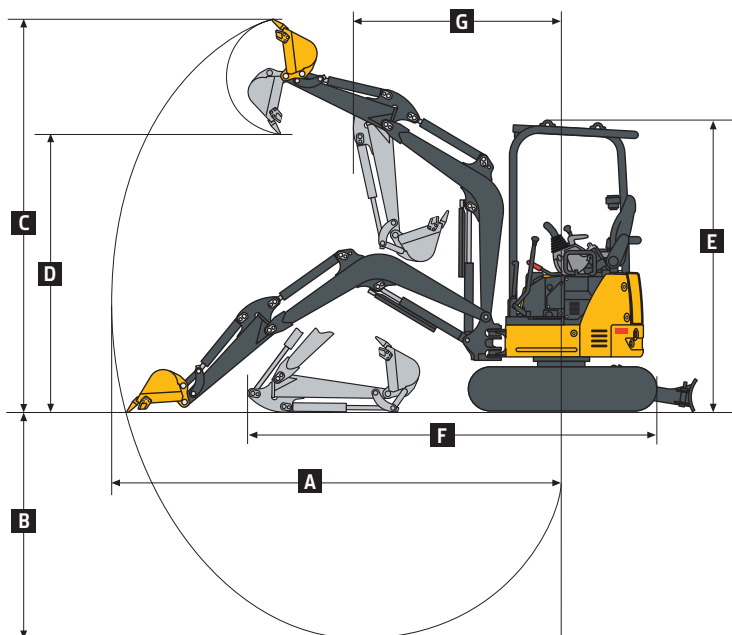
### 17G

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

<b>A</b> Maximum Digging Reach	3.81 m (12 ft. 6 in.)
<b>B</b> Maximum Digging Depth	2.19 m (7 ft. 2 in.)
<b>C</b> Maximum Cutting Height	3.54 m (11 ft. 7 in.)
<b>D</b> Maximum Dumping Height	2.51 m (8 ft. 3 in.)
<b>E</b> Transport Height	2.38 m (7 ft. 10 in.)
<b>F</b> Overall Length (blade in front)	3.50 m (11 ft. 6 in.)
<b>G</b> Minimum Swing Radius	1.53 m (5 ft. 0 in.)
<b>H</b> Blade Bottom Highest Position	0.29 m (11 in.)
<b>I</b> 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.)
<b>J</b> Upperstructure Width	0.99 m (3 ft. 3 in.)
<b>K</b> Overall Height	2.38 m (7 ft. 10 in.)
<b>L</b> Rear-End Swing Radius	0.68 m (2 ft. 3 in.)
<b>M</b> Minimum Ground Clearance	0.165 m (6 in.)
<b>N</b> Counterweight Height	0.45 m (18 in.)
<b>O</b> Engine Cover Height	1.15 m (3 ft. 9 in.)
<b>P</b> Undercarriage Length	1.57 m (5 ft. 2 in.)
<b>Q</b> Undercarriage Width	
Minimum	0.98 m (3 ft. 3 in.)
Maximum	1.28 m (4 ft. 2 in.)
<b>R</b> Sprocket Center to Idler Center	1.21 m (4 ft. 0 in.)
<b>S</b> 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
<b>Ground Level at 3.0-m (10 ft.) Radius</b>	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	26G	30G	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
		●	Auto-idle
		●	Auto shutdown
<b>Hydraulic System</b>			
●			Auxiliary function foot control
	●	●	Auxiliary function right-hand pilot-lever control
●	●	●	Auxiliary hydraulic lines to end of boom
		▲	Auxiliary hydraulic lines with quick-couplers to end of boom
	●	●	Auxiliary selector valve
●	●	●	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
		●	Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions
●	●	●	Wet-disc swing brake
<b>Undercarriage</b>			
●			Hydraulic-adjustable variable width
●	●	●	Planetary final drive
●	●	●	Propel motor shield

17G	26G	30G	Undercarriage (continued)
●	●	●	2-speed axial-piston propel motors
●			Rubber track, 230 mm (9 in.)
	●	●	Rubber track, 300 mm (12 in.)
<b>Upperstructure</b>			
●	●	●	360-deg. rotation
●			Counterweight, 120 kg (265 lb.)
	●		Counterweight, cab, 208 kg (459 lb.)
	●		Counterweight, canopy, 241 kg (531 lb.)
		●	Counterweight, 328 kg (723 lb.)
●	●	●	Hinged service-access doors
●	●	●	ROPS/TOPS/FOPS (canopy)
	▲		ROPS/TOPS/FOPS (cab) with heater
		▲	ROPS/TOPS/FOPS (cab) with air conditioning and heater
●	●		Vandal protection for service doors and fuel cap
		●	Vandal protection for service doors, fuel cap, and toolbox
●	●	●	Reduced-tail-swing configuration
<b>Front Attachments</b>			
●			Arm, 0.93 m (3 ft. 1 in.)
	●	●	Arm, 1.17 m (3 ft. 10 in.)
●			Backfill blade, 0.98 m (3 ft. 3 in.) minimum to 1.28 m (4 ft. 2 in.) maximum
	●		Backfill blade, 1.50 m (4 ft. 11 in.)
		●	Backfill blade, 1.74 m (5 ft. 9 in.)
●			Boom, 1.82 m (6 ft. 0 in.)
	●		Boom, 2.10 m (6 ft. 11 in.)
		●	Boom, 2.465 m (8 ft. 1 in.)
●	●	●	Mechanical quick-coupler
▲			Augers: Chain drive / Bits / Bit adapters
	▲	▲	Augers: Planetary / Chain drive / Bits / Bit adapters
▲	▲	▲	Clamp
▲	▲	▲	Hammers: Points / Tools
▲	▲	▲	Quick-coupler buckets: Bucket teeth / Ditching / Heavy-duty
<b>Operator's Station</b>			
●	●	●	Horn
●	●	●	Hour meter

17G	26G	30G	Operator's Station (continued)
●	●	●	Instrumentation lights
	●	●	Mode selectors (illuminated): Power mode (1) / Eco mode (1)
●	●		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
		●	Monitor system: Preheat indicator / Engine oil pressure indicator with alarm / Alternator voltage indicator / Fuel gauge and low-fuel-level indicator / Engine coolant temperature gauge and engine coolant temperature indicator with alarm / Hour meter / Work lights indicator
●	●	●	Motion alarm with cancel switch
●	●	●	Work lights switch
●			Propel levers
	●	●	Propel levers and foldable pedals
●			2 travel speeds
	●	●	2 travel speeds with automatic shifting
●	●	●	Seat belt, 51 mm (2 in.), retractable
		▲	Seat belt, 76 mm (3 in.), retractable
●	●	●	Suspension seat, vinyl, with fore/aft adjustment
		▲	Suspension seat, cloth (cab only)
▲	▲	▲	Front screen
<b>Electrical</b>			
●	●	●	12-volt accessory outlet
●	●		Alternator, 40 amp
		●	Alternator, 55 amp
●	●	●	Low-maintenance battery
●	●	●	Blade-type multi-fused circuits
●	●	●	Positive-terminal battery covers
<b>Lights</b>			
●			Work lights: 1 mounted on boom
	●	●	Work lights: Halogen / 1 mounted on operator's station / 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 canopy units with standard arms; full fuel tanks; and 79-kg (175 lb.) operators; a 17G unit with 406-mm (16 in.) bucket, 230-mm (9 in.) rubber track, and 120-kg (265 lb.) counterweight; a 26G unit with 457-mm (18 in.) bucket, 300-mm (12 in.) rubber track, and 208-kg (459 lb.) cab counterweight or 241-kg (531 lb.) canopy counterweight; and a 30G unit with 300-mm (12 in.) rubber track and 328-kg (723 lb.) counterweight.

