

G-SERIES
COMPACT EXCAVATORS



JOHN DEERE

26G

JESCO
THE DOWN-TO-EARTH EQUIPMENT PEOPLE™



**COMPACT
AND VERSATILE**



26G SPECIFICATIONS

Engine		26G
Manufacturer and Model		Yanmar 3TNV80F
Non-Road Emission Standard		EPA Final Tier 4/EU Stage IV
Displacement		1.267 L (77 cu. in.)
Net Power (ISO 9249)		14.9 kW (20.0 hp) at 2,500 rpm
Powertrain		
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box		
Maximum Travel Speed		
Low		2.9 km/h (1.8 mph)
High		4.5 km/h (2.8 mph)
Swing Speed		9.1 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 36.0 L/m (2 x 7.9 gpm)
Gear		16.28 L/m (4.3 gpm)
Auxiliary Flow		46.18 L/m (12.2 gpm)
Controls		Hydraulic pilot operated for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions
Electrical		
Alternator Rating		40 amp
Work Lights		2 halogen, 1 mounted on operator station, and 1 mounted on boom
Undercarriage		
2-speed axial-piston propel motors		
Tracks, Rubber		300 mm (12 in.)
Ground Pressure with 1.17-m (3 ft. 10 in.) Standard Arm, Standard Counterweight, and Rubber Track		
Canopy		25.0 kPa (3.6 psi)
Cab		25.9 kPa (3.8 psi)
Upperstructure		
Independent Swing Boom w/ 1.17-m (3 ft. 10 in.) Standard Arm	Canopy and 241-kg (531 lb.) Standard Counterweight	Cab and 208-kg (459 lb.) Standard Counterweight
Left	70 deg.	70 deg.
Right	60 deg.	60 deg.
Serviceability		
Refill Capacities		
Fuel Tank		34.07 L (9.0 gal.)
Cooling System		3.12 L (3.3 qt.)
Engine Oil with Filter		3.69 L (3.9 qt.)
Hydraulic Tank		23.85 L (6.3 gal.)
Operating Weights		
With 1.17-m (3 ft. 10 in.) Standard Arm, Rubber Track, Standard Counterweight, Full Fuel Tank, and 79-kg (175 lb.) Operator		
Canopy		2620 kg (5,780 lb.)
Cab		2770 kg (6,110 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.

26G SPECIFICATIONS



Operating Dimensions

26G

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

Standard Counterweight

Canopy

Cab

A Maximum Digging Reach 4.63 m (15 ft. 2 in.) 4.63 m (15 ft. 2 in.)

B Maximum Digging Depth 2.59 m (8 ft. 6 in.) 2.59 m (8 ft. 6 in.)

C Maximum Cutting Height 4.44 m (14 ft. 7 in.) 4.28 m (14 ft. 1 in.)

D Maximum Dumping Height 3.19 m (10 ft. 6 in.) 3.04 m (10 ft. 0 in.)

E Transport Height 2.43 m (8 ft. 0 in.) 2.43 m (8 ft. 0 in.)

F Overall Length

Blade in Front 4.18 m (13 ft. 9 in.) 4.18 m (13 ft. 9 in.)

Blade in Rear 4.48 m (14 ft. 8 in.) 4.48 m (14 ft. 8 in.)

G Minimum Swing Radius 1.92 m (6 ft. 4 in.) 2.01 m (6 ft. 7 in.)

H Blade Bottom Highest Position 0.32 m (13 in.) 0.32 m (13 in.)

I Blade Bottom Lowest Position 0.32 m (12 in.) 0.32 m (12 in.)

Boom-Swing Pivot-Offset Distance 0.09 m (3 in.) 0.09 m (3 in.)

Offset Distance

Left 0.56 m (22 in.) 0.56 m (22 in.)

Right 0.70 m (28 in.) 0.70 m (28 in.)

Digging Force

Bucket 22.21 kN (4,994 lb.) 22.21 kN (4,994 lb.)

Arm 15.17 kN (3,410 lb.) 15.17 kN (3,410 lb.)

Machine Dimensions

Blade

Width 1.50 m (4 ft. 11 in.)

Height 320 mm (12.6 in.)

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

Standard Counterweight

Canopy

Cab

J Upperstructure Width 1.39 m (4 ft. 7 in.) 1.42 m (4 ft. 8 in.)

K Overall Height 2.43 m (8 ft. 0 in.) 2.43 m (8 ft. 0 in.)

L Rear-End Swing Radius 0.80 m (31 in.) 0.80 m (31 in.)

M Minimum Ground Clearance 0.30 m (12 in.) 0.30 m (12 in.)

N Counterweight Height 0.53 m (21 in.) 0.53 m (21 in.)

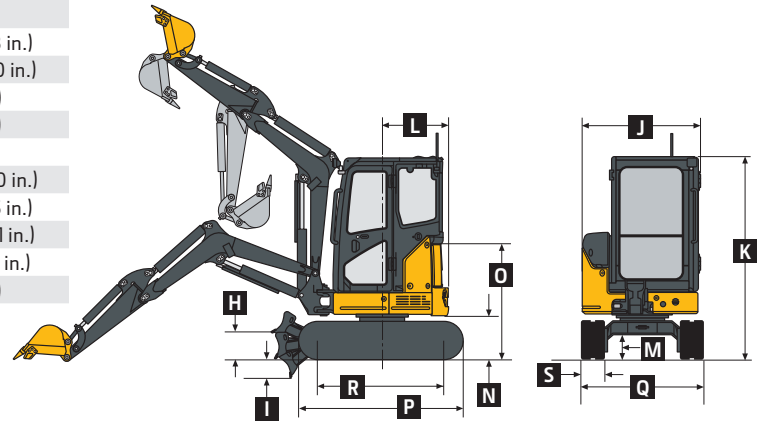
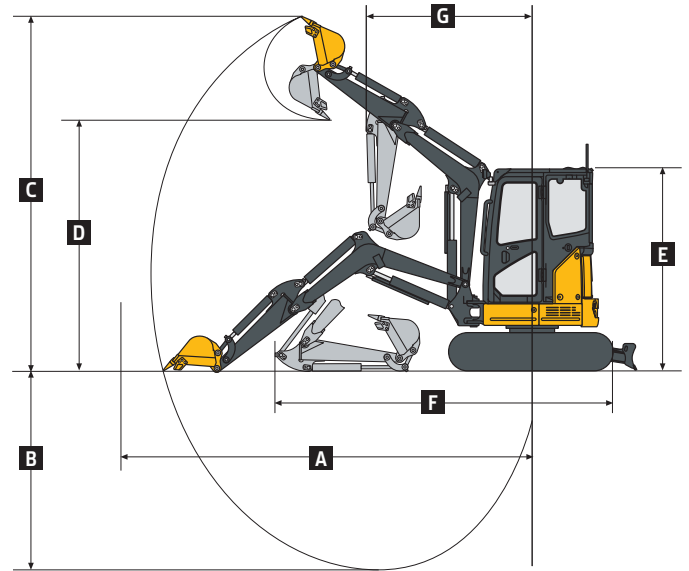
O Engine Cover Height 1.49 m (4 ft. 11 in.) 1.47 m (4 ft. 10 in.)

P Undercarriage Length 1.96 m (6 ft. 5 in.) 1.96 m (6 ft. 5 in.)

Q Undercarriage Width 1.50 m (4 ft. 11 in.) 1.50 m (4 ft. 11 in.)

R Sprocket Center to Idler Center 1.53 m (5 ft. 0 in.) 1.53 m (5 ft. 0 in.)

S Track Shoe Width 0.30 m (12 in.) 0.30 m (12 in.)



Lift Capacities

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

Counterweight, and Rubber Track

*Canopy, Over Front**

Canopy, Over Side

*Cab, Over Front**

Cab, Over Side

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

1200 kg (2,573 lb.)

362 kg (781 lb.)

1201 kg (2,592 lb.)

394 kg (850 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
Hydraulic System			
●			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
Undercarriage			
●			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.)
Upperstructure			
●	●	●	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
Front Attachments			
●			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
Operator's Station			
●	●	●	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
Electrical			
●	●	●	12-volt accessory outlet
●	●		Alternator, 40 amp
		●	Alternator, 55 amp
●	●	●	Low-maintenance battery
●	●	●	Blade-type multi-fused circuits
●	●	●	Positive-terminal battery covers
Lights			
●			Work lights: 1 mounted on boom
	●	●	Work lights: Halogen / 1 mounted on operator's station / 1 mounted on boom

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.

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.

