

17G

Compact Excavator



JOHN DEERE





DIG THIS BIG “SMALL” IDEA

Working within close lot lines and tight deadlines, you need to get the most from your “mini” machine. Driven to deliver a compact excavator that provides big productivity and outsized versatility, we enhanced our capable 17G to boast impressive lift capacity and bucket, arm, and breakout forces. And we reimagined the proven standard and optional advantages you’ve come to expect from the John Deere G-Series. Armed to handle a wide range of underground, building, landscape, and site-development tasks, the 17G is also ideal for most rental fleets. Try it on for size.

17G COMPACT EXCAVATOR

FEATURES



Get back to it

Standard backfill blade enables the 17G to grade and fill, boosting machine versatility and stability when using attachments or working on uneven terrain.

Work, run, repeat

Reduced-tail-swing design maximizes maneuverability and performance in cramped places and tight spaces. Compact stature enables easy transport between jobsites, perfect for "dig-and-go" projects.

Movable muscle

Variable-width undercarriage and foldable blade can be hydraulically retracted to navigate narrow pathways and close quarters, then easily repositioned for surefooted agility, to operate where handwork used to be required.

Comfortable and in command

Spacious operator station has a wide entryway and backhoe- to excavator-style controls. Pilot-control levers enable operator control of functions including boom, bucket, arm, and swing. Optional four-season cab features front glass that delivers expansive visibility.



SLIM 3' 3"
MINIMUM
WITH VARIABLE-WIDTH
UNDERCARRIAGE

As tough as the c ome

Heavy-duty side shields deflect material and impacts, protecting propel motors and boom/blade cylinders. Securely clamped steel hydraulic lines and CORDURA® covering on rubber hoses provide extra durability. Box-constructed X-frame and track frames are rock solid and rugged.

“y our connection t w ork

Wedge-style coupler enables quick changes and accepts a wide variety of buckets and attachments, such as hydraulic hammers, plate compactors, and augers.

Handle the load

Track speeds automatically slow to low whenever a heavier load is encountered, then return to high when the load normalizes.

See wha y ou can do

Conveniently located in a compartment beneath the seat, control pattern selector valve includes a sight glass that displays the selected pattern.

Maintenance matters

Hinged door provides wide-open access to the side-by-side oil cooler and radiator. Cooler system is designed to resist trash buildup and allow quick and easy core cleanout. Extended service intervals allow the machine to work longer before maintenance is needed.

Underneath it all

Track-sag adjuster conveniently located in the center of each track frame makes it easy to maintain proper track tension and maximize undercarriage wear life using only a standard high-pressure grease gun.



17G COMPACT EXCAVATOR



ACCEPTS ATTACHMENTS COMMON TO OTHER DEERE COMPACTS

Make the most of your investment

Already own some John Deere attachments? Many models including buckets, hydraulic hammers, and augers also work on other compact machines so you can redefine fleet utilization — and your bottom line.

Remote diagnostics and support

To maximize uptime and lower costs, JDLink™ connectivity provides machine location, utilization data, and alerts to help you maximize productivity and efficiency. JDLink also enables John Deere Connected Support™. Dealers use Expert Alerts based on data from thousands of connected machines to proactively address conditions that may otherwise likely lead to downtime. Your dealer can also monitor machine health and leverage remote diagnostics and programming capability to further diagnose problems and even update machine software without a time-consuming trip to the jobsite.*

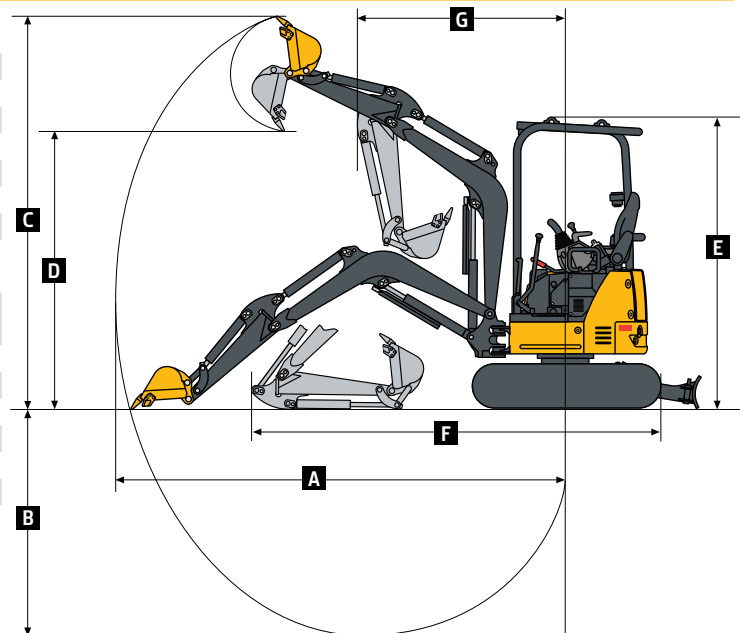
*Availability varies by region. Options not available in every country.



17G COMPACT EXCAVATOR SPECIFICATIONS

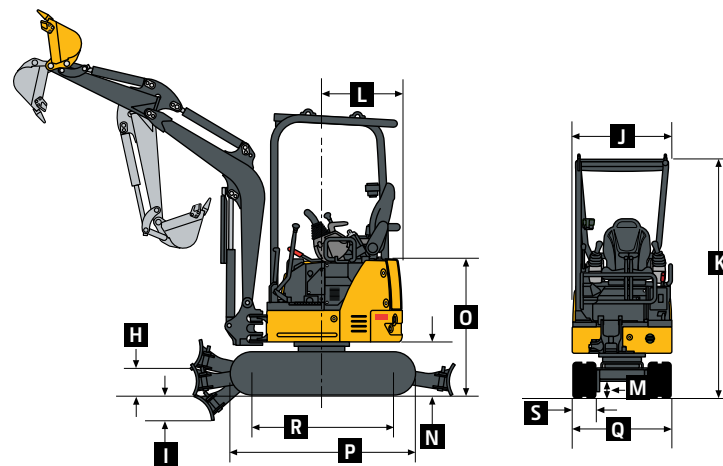
Engine		17G	
Manufacturer and Model	Yanmar 3TNV74F	Displacement	0.99 L (61 cu. in.)
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	*Power (ISO 9249)	10.8 kW (14.5 hp) at 2,400 rpm
Powertrain			
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box			
Maximum Travel Speed		Swing Speed	9.0 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	29.9 L/m (7.9 gpm)
Pump Flow		Controls	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 (3.8 psi)		
Upperstructure			
Independent Swing Boom		Counterweight, Standard	12 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			

Operating Dimensions		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 (see line art at top right of page 7)	0.29 m (11 in.)
I	Blade Bottom Lowest Position (see line art at top right of page 7)	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, our illustrations do not include production accessories. NOT AVAILABLE in all regions and some countries. Product 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	47 k g (1,015 lb.)	21 k g (470 lb.)

*Blade down (limited by hydraulics).

Additional equipment

Key: ● Standard ▲ Optional specification See you John Deere dealer for further information.

17G Engine	17G Undercarriage	17G Operator's Station
<ul style="list-style-type: none"> ● Meets EPA Final Tier 4/EU Stage IV emissions ● Engine coolant temperature -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 	<ul style="list-style-type: none"> ● Hydraulic-adjustable variable width ● Planetary final drive ● Propeller motor shield ● 2-speed axial-piston propeller motors ● Rubber track, 230 mm (9 in.) 	<ul style="list-style-type: none"> ● Horn ● Hour meter ● Instrumentation lights ● Monitoring 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 ● Propeller levers ● 2 travel speeds ● Seat belt, 51 mm (2 in.), retractable ● Suspension seat, vinyl, with fore/aft adjustment ▲ Front screen
Hydraulic System	Upperstructure	Electrical
<ul style="list-style-type: none"> ● Auxiliary function oil control ● Auxiliary hydraulic line 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-dissolving brake 	<ul style="list-style-type: none"> ● 360-deg. rotation ● Counterweight, 12 k g (26 lb.) ● Hinged service-access doors ● ROPS/TOPS/FOPS (canopy) ● Vandal protection of service doors and fuel cap ● Reduced-tail-swing configuration 	<ul style="list-style-type: none"> ● 12-volt accessory outlet ● Alternator 40 amp ● Low-maintenance battery ● Blade-type multi-fused circuits ● Positive-terminal battery covers
	Front Attachments	Lights
	<ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● Work lights: 1 mounted on boom

While general information pictures and description are provided, some illustrations are not examples and include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additional equipment to meet local regulations of those countries.

Net engine power is with standard equipment including a cleaner exhaust system, alternator, and cooling fan at test conditions per ISO 249. 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.



DKAGZTS17 (22-10)



JOHN DEERE