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 30G to boast more lift capacity and breakout force than previous models. 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 30G is also ideal for most rental fleets. Try it on for size.
Make yourself at home
Spacious operator station has a wide entryway and backhoe-to-excavator-style controls. Swing boom and foldable travel pedals are positioned for efficient operation and comfortable foot room. Optional four-season cab features front glass that delivers expansive visibility.

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.

Go with the flow
More net horsepower than the previous model drives a larger hydraulic pump, increasing productive flow. Higher-flow hydraulic pumps power larger attachments more efficiently.

Get back to it
Standard backfill blade enables the 30G to grade and fill, boosting machine versatility and stability when using attachments or working on uneven terrain.

Resource management
Auto-idle automatically reduces engine speed when hydraulics aren’t in use. Auto shutdown conserves precious fuel. Power/economy modes optimize power for digging applications, further improving fuel efficiency.
**Quick-change artist**
Standard selector valve allows the connection of two attachments at the same time by changing the valve position to divert supply/return oil from one to the other. Wedge-style coupler enables quick changes and accepts a wide variety of buckets and attachments, such as hydraulic hammers, plate compactors, and augers.

**It hardly seems like work**
Track speeds automatically slow to low whenever a heavier load is encountered, then return to high when the load normalizes. No pedal or operator activation is required for high-speed travel.

**See what you can do**
Conveniently located in a compartment beneath the seat, control pattern selector valve includes a sight glass that displays the selected pattern.

**As tough as they come**
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.

**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.
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.*

*A availability varies by region. Options not available in every country.
### Engine
- **Manufacturer and Model**: Yanmar 3TNV88F-EPHB
- **Displacement**: 1.642 L (100.2 cu. in.)
- **Non-Road Emission Standard**: EPA Final Tier 4/EU Stage IV
- **Net Rated Power (ISO 9249)**: 17.4 kW (23 hp) at 2,400 rpm

### Powertrain
- **2-speed propel with automatic shift**
- **Maximum Travel Speed**
  - **Low**: 2.8 km/h (1.7 mph)
  - **High**: 4.3 km/h (2.7 mph)
- **Swing Speed, Right and Left**: 9.1 rpm
- **Swing Brake**: Spring applied, hydraulically released, automatic, disc type

### Hydraulics
- Open center, pilot operated, with 2 variable-displacement pumps and single-gear pilot pump
- **Maximum Rated Flow**
  - **Main Pumps**: 2 x 38.4 L/m (2 x 10.1 gpm)
  - **Pilot Pump**: 22.8 L/m (6.0 gpm)
  - **Auxiliary Hydraulics**: 61.2 L/m (16.2 gpm)
- **Pilot levers; short-stroke, low-effort hydraulic pilot controls with shutoff lever**

### Electrical
- **Alternator Rating**: 55 amp
- **Work Lights**: 2 halogen, 1 mounted on operator station, and 1 mounted on boom

### Undercarriage
- Planetary final drives with axial-piston motors; propel motor shields
- **Track-Shoe Width, Standard Configuration**: 300 mm (11.8 in.)
- **Ground Pressure With 300-mm (12 in.) Triple Semi-Grouser Shoes**
  - **Canopy**: 28 kPa (4.1 psi)
  - **Cab**: 30 kPa (4.4 psi)

### Upperstructure
- **Maximum Boom-Swing Angle**
  - **Canopy**: 72 deg.
  - **Cab**: 62 deg.
  - **Left**: 72 deg.
  - **Right**: 62 deg.

### Serviceability
- **Refill Capacities**
  - **Refill Capacities (continued)**
    - **Travel Gearcase (each; qty. 2)**: 0.60 L (0.6 qt.)
    - **Hydraulic System**: 56.0 L (14.8 gal.)
    - **Hydraulic Tank**: 43.0 L (11.4 gal.)

### Operating Weights
- With 328-kg (723 lb.) Counterweight, Standard Front Attachments, Full Fuel Tank, and 75-kg (165 lb.) Operator
  - **300-mm (12 in.) Rubber Track (canopy with operator)**: 3105 kg (6,850 lb.)
  - **300-mm (12 in.) Rubber Track (cab with operator)**: 3275 kg (7,220 lb.)

### Operating Dimensions
- **Canopy**: 42.0 L (11.1 gal.)
- **Engine Coolant**: 5.0 L (1.3 gal.)
- **Engine Oil With Filter**: 7.2 L (1.9 gal.)

### Operating Dimensions (continued)
- **Canopy**: 4.45 m (14 ft. 7 in.)
- **Cab**: 4.45 m (14 ft. 7 in.)

---

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.
Additional equipment

**Key:** ● Standard ▲ Optional or special

See your John Deere dealer for further information.

### 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
- Auto-idle
- Auto shutdown

### 30G Undercarriage
- Planetary final drive
- Propel motor shield
- 2-speed axial-piston propel motors
- Rubber track, 300 mm (12 in.)

### Hydraulic System
- 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, travel, and auxiliary functions
- Wet-disc swing brake

### 30G Undercarriage
- Canopy, Blade on Ground, Over Front*
- Canopy, Blade on Ground, Over Side
- Cab, Blade on Ground, Over Front*
- Cab, Blade on Ground, Over Side

### Lift Capacities

<table>
<thead>
<tr>
<th>Machine Dimensions</th>
<th>30G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>1740 mm (5 ft. 9 in.)</td>
</tr>
<tr>
<td>Height</td>
<td>373 mm (15 in.)</td>
</tr>
<tr>
<td>Upperstructure Width</td>
<td>1.55 m (5 ft. 1 in.)</td>
</tr>
<tr>
<td>Overall Height, Canopy or Cab</td>
<td>2.48 m (8 ft. 2 in.)</td>
</tr>
<tr>
<td>Track Width</td>
<td>300 mm (12 in.)</td>
</tr>
<tr>
<td>Undercarriage Width</td>
<td>1.55 m (5 ft. 1 in.)</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>280 mm (11 in.)</td>
</tr>
<tr>
<td>L Tail-Swing Radius (with standard arm)</td>
<td>775 mm (31 in.)</td>
</tr>
<tr>
<td>M Engine Cover Height</td>
<td>1.53 m (5 ft. 0 in.)</td>
</tr>
<tr>
<td>N Maximum Blade Lift Above Ground</td>
<td>360 mm (14 in.)</td>
</tr>
<tr>
<td>O Maximum Blade Drop Below Ground</td>
<td>360 mm (14 in.)</td>
</tr>
<tr>
<td>P Sprocket Center to Idler Center</td>
<td>1.66 m (5 ft. 5 in.)</td>
</tr>
<tr>
<td>Q Undercarriage Length</td>
<td>2.11 m (6 ft. 11 in.)</td>
</tr>
<tr>
<td>R Counterweight Clearance</td>
<td>0.55 m (22 in.)</td>
</tr>
</tbody>
</table>

*Blade down (limited by hydraulics).

### 30G Operator’s Station (continued)
- Instrumentation lights
- Mode selectors (illuminated): Power mode (1) / Eco mode (1)
- 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 and foldable pedals
- 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, 55 amp
- Low-maintenance battery
- Blade-type multi-fused circuits
- Positive-terminal battery covers

### Lights
- Work lights: Halogen / 1 mounted on operator’s station / 1 mounted on boom

### Machine Dimensions

<table>
<thead>
<tr>
<th>Machine Dimensions</th>
<th>30G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade (continued)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 30G Undercarriage

<table>
<thead>
<tr>
<th>Ground Level at 3.0-m (10 ft.) Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket, 328-kg (723 lb.) Counterweight, and 300-mm (12 in.) Track Shoe</td>
</tr>
<tr>
<td>Canopy, Blade on Ground, Over Front*</td>
</tr>
<tr>
<td>Canopy, Blade on Ground, Over Side</td>
</tr>
<tr>
<td>Cab, Blade on Ground, Over Front*</td>
</tr>
<tr>
<td>Cab, Blade on Ground, Over Side</td>
</tr>
</tbody>
</table>

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. Whenever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a canopy unit with standard arm, 300-mm (12 in.) rubber track, 328-kg (723 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator.