When you need more from your compact excavator, the John Deere 35G might be your “one and done.” This small-but-mighty muscle specializes in making work in close quarters seem like no big deal. Loaded with customer-inspired ideas like significant lift and reach, precise control, and an amazingly comfortable cab, digging, excavating, and loading tasks become big possibilities. Plus it runs quiet, too. Jobsite-proven standard and optional advantages including your choice of tracks and John Deere attachments push the 35G to make a sizable impact on the potential — and profitability — of your operation.
Quiet comfort and control
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. Noise-reducing muffler and isochronous high-idle speed help keep things noticeably quiet. Rubber cab mounts isolate the operator from noise and vibration.

Start from zero
Zero-tail-swing design maximizes maneuverability and performance in tight places such as urban and residential areas. Compact stature enables easy transport between jobsites, perfect for “dig-and-go” projects.

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.

Get back to it
Standard backfill blade enables the 35G to grade and fill, boosting machine versatility and stability when using attachments or working on uneven terrain.

Swing for the fences
Put the 35G’s independent-swing boom and 360-degree rotation to work taming difficult tasks. Impressive lift height and reach ease truck loading.
Handy hydraulics
Standard quick-coupler-equipped, boom-mounted auxiliary hydraulic lines simplify attachment hookup. Return-flow selector valve accommodates hydraulic-driven attachments that operate either one or two ways. Wedge-style coupler enables swift changes of a wide range of buckets and attachments, such as hydraulic hammers, plate compactors, and augers.

Safe travels
No operator activation is required for high-speed travel. Track speeds automatically slow to low whenever a heavier load is encountered, then return to high when the load normalizes.

Designed for durability

Maintenance made easy
Hinged door provides wide-open access to the side-by-side oil cooler and radiator. Operator station tilts forward 50 degrees to reach the swing motor, hydraulic control valve, engine starter motor, and alternator. 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.
The choice is yours
Rubber tracks traverse virtually any terrain, including paved surfaces. Optional rubber grousers combine work-anywhere flexibility with steel-track serviceability. Steel tracks and steel tracks with rubber pads are also available.

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.
### Engine
- **Manufacturer and Model**: Yanmar 3TNV88F
- **Displacement**: 1.642 L (100.2 cu. in.)
- **Net Power (ISO 9249)**: 17.4 kW (23.3 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: 2.8 km/h (1.7 mph)
  - High: 4.3 km/h (2.7 mph)

### Hydraulics
- Center of 2 variable-displacement pumps and 1 fixed-gear pump
- **Pump Flow**
  - **Controls**
    - 2 hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, travel, and auxiliary functions
- **Open Center**
  - **Piston**
    - 2 x 38.4 L/m (2 x 10.1 gpm)
  - **Gear**
    - 22.8 L/m (6.0 gpm)
  - **Auxiliary Flow**
    - 61.2 L/m (16.2 gpm)

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

### Undercarriage
- **Track, Rubber**: 300 mm (12 in.)
- **Ground Pressure**
  - 1315-mm (4 ft. 4 in.) Standard Arm and Standard Counterweight
    - With Canopy: 1315-mm (4 ft. 4 in.) Standard Arm and Standard Counterweight With Cab: 1715-mm (5 ft. 8 in.) Long Arm and Extra Counterweight With Canopy
    - With Rubber Track: 32.0 kPa (4.6 psi)
    - With Cab: 33.0 kPa (4.8 psi)
  - With Full Fuel Tank and 79-kg (175 lb.) Operator: 33.7 kPa (4.9 psi)
  - With Full Fuel Tank and 79-kg (175 lb.) Operator: 35.2 kPa (5.1 psi)
- **Swing Speed**: 9.0 rpm
- **Independent Swing Boom**: Canopy: 72 deg., Cab: 62 deg.
- **Swing Brake**: Spring applied, hydraulically released, automatic, disc type

### Serviceability
- **Refill Capacities**
  - **Fuel Tank**: 42 L (11.1 gal.)
  - **Engine Oil With Filter**: 7.2 L (7.6 qt.)
  - **Cooling System**: 5.0 L (5.3 qt.)
  - **Hydraulic Tank**: 32 L (8.5 gal.)
- **Operating Weights**
  - 1315-mm (4 ft. 4 in.) Standard Arm and Standard Counterweight
    - With Canopy: 3690 kg (8,135 lb.)
    - With Cab: 3783 kg (8,430 lb.)
  - With Full Fuel Tank and 79-kg (175 lb.) Operator: 3953 kg (8,715 lb.)
- **Optional Angle Blade**
  - 296 kg (653 lb.)
- **Counterweight**
  - Standard: 540 kg (1,190 lb.)
  - Additional: 240 kg (529 lb.)

### Operating Dimensions
- **Maximum Cutting Height**
  - 4.87 m (16 ft. 0 in.)
  - 4.70 m (15 ft. 5 in.)
- **Maximum Dumping Height**
  - 4.95 m (16 ft. 3 in.)
  - 4.36 m (14 ft. 3 in.)
- **Maximum Digging Depth**
  - 3.57 m (11 ft. 9 in.)
  - 3.46 m (11 ft. 3 in.)
- **Maximum Digging Reach**
  - 5.52 m (18 ft. 1 in.)
  - 5.52 m (18 ft. 1 in.)
- **Minimum Front Swing Radius**
  - 2.19 m (7 ft. 2 in.)
  - 2.30 m (7 ft. 7 in.)
- **Transport Length**
  - 4.75 m (15 ft. 7 in.)
  - 4.75 m (15 ft. 7 in.)
- **Digging Force (ISO)**
  - Arm: 19.0 kN (4,277 lb.)
  - Bucket: 271 kN (6,085 lb.)

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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

#### 35G Engine
- Meets EPA Final Tier 4/EU Stage IV emissions
- Auto shutdown
- 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

#### 35G Undercarriage (continued)
- 2-speed axial-piston propel motors
- Rubber track, 300 mm (12 in.)
- Steel track, 300 mm (12 in.) with triple semi-grouser
- Rubber crawler pad, 300 mm (12 in.)

### Key:
- Standard
- Optional or special

See your John Deere dealer for further information.

#### 35G Undercarriage
- Planetary final drive
- Propel motor shield

#### 35G Operator's Station
- Horn
- Hour meter
- Instrumentation lights
- Mode selectors (illuminated): Power mode (1) / Economy 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
- Vinyl seat with fore/aft adjustment
- Suspension seat (cloth)
- Front screen
- Rear exit kit

#### 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

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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; 610-mm (24 in.); 0.11-m³ (4.0 cu. ft.) bucket; 300-mm (12 in.) rubber track; and 540-kg (1,190 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator.