


1010G FORWARDER



JOHN DEERE





1010G FORWARDER

OPTIMIZED, NEVER COMPROMISED.

For over a half-century, our forward-thinking forwarders have been leading the way in the woods. Then we put some serious thought from loggers like you into making them even more productive. Proven components like a durable boom, robust and reliable axles, plus streamlined electrical systems are a few of your best ideas designed to help our machines withstand the toughest logging environments. The versatile John Deere 1010G Forwarder is built to deliver uncompromising performance for your operation.

Smart solution

Optional Intelligent Boom Control (IBC) makes boom operations more precise and productive compared to the same machine not equipped with IBC. Joysticks configurable to user preference let operators run their preferred control pattern. IBC makes load handling more efficient and boosts productivity.

Turn things around

Rotating and smooth-leveling cab turns 290 degrees, providing 360-degree visibility of boom movements and the surrounding jobsite, for safe, efficient log loading. Optional rotating and leveling suspended cab keeps operators balanced and comfortable in steep and uneven terrain.

Take the long view

Long-bogie configuration available for the 1010G delivers lower ground pressure than standard bogie models, for logging in soft terrain. It also improves the sideways stability of the rear frame while driving.



ROTATING/LEVELING CAB TURNS 290°
FOR 360° VISIBILITY

Work your way

Choose the driving mode that matches conditions, and Adaptive Driveline Control automatically adjusts engine load to keep rpm steady. Select **Normal** for everyday operation or **Power** in high-load situations. For lighter demands, **Economy** reduces engine speed and noise, while improving fuel efficiency.

Compact capability

The compact dimensions of our 1010G Forwarder provide the agility needed to maximize productivity and power in the most demanding conditions.

Save some space

Load space can be easily configured to your needs.

1010G FORWARDER



PUT TECHNOLOGY TO WORK IN THE WOODS AND AT THE OFFICE.

Coordinate your operation and your team's productivity from wherever your work takes you with John Deere Precision Forestry and our core technology solutions.

FEATURES

Core intelligence

Your John Deere Forestry machine arrives from the factory equipped with a powerful set of technologies and capabilities already built in. Each plays an important role in managing the health and performance of your overall equipment fleet:

- **JDLink™ connectivity and the John Deere Operations Center™** let you track your equipment, see which machines are working, and know if they're being utilized properly and at maximum productivity and efficiency.
- **John Deere Connected Support** leverages a suite of dealer and factory tools designed to deliver increased uptime and productivity, and lower daily operating costs.
- **Remote Diagnostics and Programming Capability** within John Deere Connected Support helps your dealer warn you of any issue with your machine — often before you know of the problem yourself — and initiate solutions without charging you for a technician's visit to your jobsite.
- Our advanced dual approach to **Machine Health** combines the expertise of the technology specialists at our dealerships with the data specialists at our central Machine Health Monitoring Center (MHMC). As part of John Deere Connected Support, information from thousands of connected machines flows through the MHMC, enabling our specialists to identify trends and develop new and improved preventative-maintenance and repair protocols.

Precision Forestry

Take the guesswork out of planning, implementing, and monitoring your logging operation. The tools of our production-planning and -tracking system expand on the core technology features that come standard in every John Deere Forestry machine to unleash a powerful new array of possibilities:

- **TimberMatic™ Maps** is an innovative onboard software solution that helps you reimagine your jobsites. Real-time production views and shared wireless connections between machines make it easier than ever before to take your forestry operation to the next level.
- **TimberManager™** is a web-based solution for PCs, tablets, and mobile phones that allows you to follow jobsite progress. Combined with TimberMatic Maps, this software provides complete visibility of your operation — from land harvested to specific machines — so you can streamline communication, analyze tasks, and increase productivity:
- **Remote Monitoring** keeps tabs on the health and performance of your fleet from wherever you are.
- **Precise Progress Tracking** lets you set goals for your team to meet throughout the day.
- **Live Production View** displays production progress by assortment, timber volume harvested, and volume transported to roadside storage.
- **Simplified Mapping** of machine data and GPS-based location tracking shows production by assortment.
- **Real-Time Updates** let you adjust course or eliminate tasks if needed to maintain steady workflow.
- **Fleet Optimization** goes beyond machine management to help improve the efficiency of your business.



**JOHN DEERE
CONNECTED
SUPPORT™**
CONNECTS YOUR
OPERATION TO DEALER
& FACTORY EXPERTISE

1010G FOWARDER SPECIFICATIONS

| | | |
|--|--|------------------------|
| Engine | | 1010G 6WD / 8WD |
| Load Rating | 11 000 kg (24,251 lb.) | |
| Manufacturer and Model | John Deere PowerTech™ Plus 4045 | |
| Non-Road Emissions Standard | EPA Final Tier 4/EU Stage V | |
| Net Peak Power | 131 kW (178 hp) at 1,900 rpm | |
| Net Peak Torque | 730 Nm (538 ft.-lb.) at 1,400–1,600 rpm | |
| Fuel Tank Capacity | 150 L (39.6 gal.) | |
| Transmission | | |
| Hydrostatic-mechanical, 2-speed gearbox | | |
| Tractive Force | 150 kN (33,721 lbf.) with 24.5 tires / 160 kN (35,969 lbf.) with 26.5 tires | |
| Travel Speed | | |
| Gear 1 | 0–7.5 km/h (0–4.7 mph) | |
| Gear 2 | 0–23 km/h (0–14.3 mph) | |
| Steering | | |
| Proportional steering with electrical joystick | | |
| Turning Angle | 44 deg. | |
| Brakes | | |
| Service | Hydraulically actuated, oil-immersed, multi-disc | |
| Parking/Emergency | Spring actuated | |
| Frame | Automated | |
| Axles/Bogies | | |
| Differential lock in front and rear | | |
| Axles | | |
| Front | Single rigid axle, non-balanced- or balanced-gear bogie axle | |
| Rear | Balanced-gear bogie axle or unbalanced long bogie (LGP) (available only with 26.5 axles) | |
| Electrical | | |
| Voltage | 24 volt | |
| Batteries | 115 Ah | |
| Alternator | 150 A | |
| Lights | LED | |
| Hydraulics | | |
| Load sensing | | |
| Pump Capacity | 120 cm ³ (7.3 cu. in.) | |
| Operating Pressure | 24 MPa (3,480 psi) | |
| Hydraulic Tank | 150 L (39.6 gal.) | |
| Boom | | |
| Type | CF5 | |
| Maximum Reach Lengths | 8.5 m (27.9 ft.) / 10 m (32.8 ft.) | |
| Gross Lifting Torque | 102 kNm (75,000 ft.-lb.) | |
| Slewing Torque | 24 kNm (18,000 ft.-lb.) | |
| Slewing Angle | 380 deg. | |
| Cabin | | |
| Type | Fixed, rotating, or rotating and leveling | |
| Rotating Angle | 290 deg. | |
| Tilt | | |
| Sideways | 10 deg. | |
| Forward and Backward | 6 deg. | |
| Control System | | |
| Windows®-based TimberMatic™ F-16 with high performance / Standard PC | | |
| Boom Control Aid | | |
| Standard | Smooth Boom Control (SBC) algorithm | |
| Optional | Intelligent Boom Control (IBC) on CF5 | |

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.

| Measurements | | 1010G 6WD / 8WD | |
|--------------------------------------|---|--|---|
| A Length | | Turning Angle | 44 deg. |
| Short Wheelbase | 8655 mm (28.4 ft.) | Outer Turning Radius – 710 x 24.5-Series Tires | |
| Medium Wheelbase | 9055 mm (29.7 ft.) | Short | 7096 mm (23.3 ft.) |
| Long Wheelbase | 9455 mm (31.0 ft.) | Medium | 7664 mm (25.1 ft.) |
| B Bogie Center – Middle Joint | 1900 mm (5.9 ft.) | Long | 8234 mm (27.0 ft.) |
| C Middle Joint – Bogie Center | | Inner Turning Radius – 710 x 24.5-Series Tires | |
| Short Wheelbase | 2600 mm (8.5 ft.) | Short | 3874 mm (12.7 ft.) |
| Medium Wheelbase | 3000 mm (9.8 ft.) | Medium | 4288 mm (14.1 ft.) |
| Long Wheelbase | 3400 mm (11.2 ft.) | Long | 4702 mm (15.4 ft.) |
| Wheelbase (B+C) | | Transport Height | 3685 mm (12.1 ft.) with 24.5 tires / 3712 mm (12.2 ft.) with 26.5 tires |
| Short | 4400 mm (14.4 ft.) | G Ground Clearance – 8W | 638 mm (25.0 in.) with 24.5 tires / 665 mm (26.0 in.) with 26.5 tires |
| Medium | 4800 mm (15.7 ft.) | Tires | |
| Long | 5200 mm (17.1 ft.) | Front – 6W / 8W | 34–14 / 24.5–20/26.5–20 |
| D Headboard – Bogie Center | | Rear | 24.5–20/26.5–20 |
| Short Wheelbase | 1790 mm (5.9 ft.) | Minimum Machine Weight | |
| Medium Wheelbase | 2190 mm (7.2 ft.) | 6W | 14 950 kg (32,959 lb.) |
| Long Wheelbase | 2590 mm (8.5 ft.) | 8W | 16 050 kg (35,384 lb.) |
| E Bogie Center – Rear | 1905 mm (6.3 ft.) | Approach Angle | 38 deg. with 24.5 tires / 40 deg. with 26.5 tires |
| F Width | | | |
| 600-Series Tires | 2570 mm (8.4 ft.) with 24.5 tires / 2600 mm (8.5 ft.) with 26.5 tires | | |
| 710-Series Tires | 2780 mm (9.1 ft.) with 24.5 tires / 2790 mm (9.2 ft.) with 26.5 tires | | |
| 800-Series Tires | 2940 mm (9.6 ft.) | | |

Load-Space Options

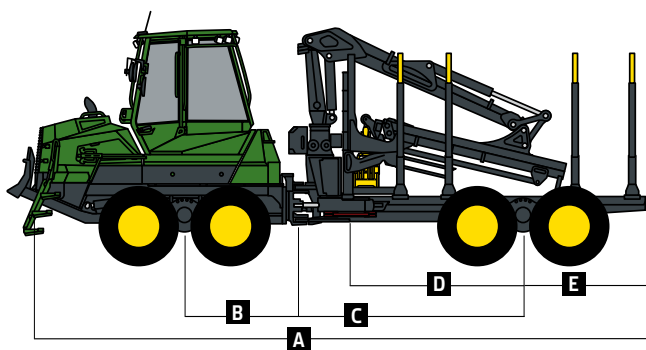
Length (D+E)

| | |
|------------------|--------------------|
| Short Wheelbase | 3690 mm (12.1 ft.) |
| Medium Wheelbase | 4090 mm (13.4 ft.) |
| Long Wheelbase | 4490 mm (14.7 ft.) |

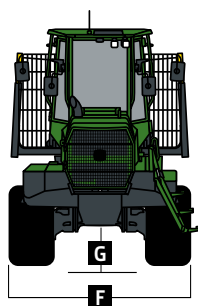
Load-Space Width

| | |
|----------------------|--|
| Minimum / Maximum | 2500 mm (8.2 ft.) / 2700 mm (8.9 ft.) |
| Cross-Sectional Area | 3.5–4.0 m ² (37.7–43.1 sq. ft.) |

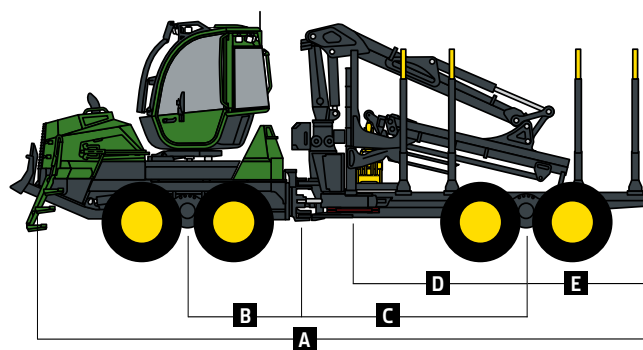
1010G Forwarder Fixed Cab



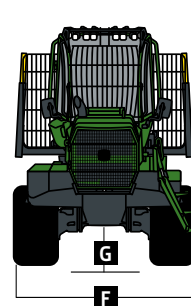
Front



1010G Forwarder Rotating Cab



Front





MFO1010GF (23-09)

Contact us to learn more.

JohnDeere.com/Forwarders

JohnDeere.ca/Forwarders



JOHN DEERE