1910G FORWARDER

JOHN DEERE

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 1910G Forwarder is built to deliver uncompromising performance for your operation.

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.

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..

Shoulder the load
Duraxle™ heavy-duty (HD) bogie axles available in the 1910G are designed to carry hefty loads over long distances. Robust axles together with increased diesel power deliver solid tractive performance in every operating condition.

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.

Fan favorite
Hydraulic-driven variable-speed fan available in the 1910G runs only as needed, reducing fuel consumption and debris flow through the cooler cores. Program it to reverse at periodic intervals to clear core-clogging buildup.

Pump up the power
The larger transmission pump and motor of the 1910G Forwarder power greater tractive force than previous models.

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.

JOHN DEERE CONNECTED SUPPORT™

CONNECTS YOUR OPERATION TO DEALER & FACTORY EXPERTISE

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.

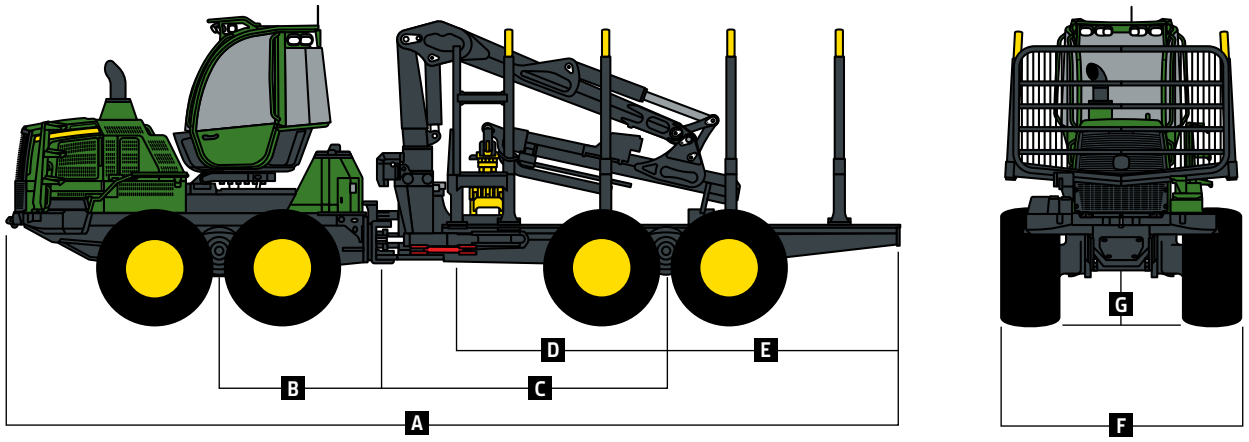
1910G *FOWARDER SPECIFICATIONS*

Engine	1910G
Load Rating	19 000 kg (41,888 lb.)
Manufacturer and Model	John Deere PowerTech™ Plus 6090
Non-Road Emissions Standard	EPA Final Tier 4 (FT4)/EU Stage V
Net Peak Power	200 kW (268 hp) at 1,600–1,900 rpm
Net Peak Torque	1315 Nm (970 ft.-lb.) at 1,200–1,400 rpm
Fuel Tank Capacity	184 L (49 gal.)
Transmission	
Hydrostatic-mechanical, 2-speed gearbox	
Tractive Force	230 kN (51,704 lbf.)
Travel Speed	
Gear 1	0–7 km/h (0–4.3 mph)
Gear 2	0–21 km/h (0–13.0 mph)
Steering	
Proportional steering with electrical joystick	
Turning Angle	42 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 or balanced-gear heavy-duty (HD) bogie axle
Rear	Balanced-gear HD bogie axle
Electrical	
Voltage	24 volt
Batteries	149 Ah
Alternator	150 A
Lights	LED
Hydraulics	
Load sensing	
Pump Capacity	180 cm^3 (11.0 cu. in.)
Operating Pressure	24 MPa (3,480 psi)
Hydraulic Tank	185 L (49 gal.)
Boom	
Type	CF8
Maximum Reach Lengths	7.3 m (23.9 ft.) / 8.5 m (27.9 ft.)
Gross Lifting Torque	151 kNm (111,000 ft.-lb.)
Slewing Torque	41 kNm (30,000 ft.-lb.)
Slewing Angle	380 deg.
Cabin	
Type	Fixed or rotating and leveling
Rotating Angle	290 deg.
Tilt	
Sideways	10 deg.
Forward and Backward	6 deg.
Control System	
Type	PC / Windows®-based TimberMatic™ F-16
Boom Control Aid	
Standard	Smooth Boom Control (SBC) algorithm
Optional	Intelligent Boom Control (IBC) on CF8

Measurements	1910G
A Length	
Short Wheelbase	10 567 mm (34.7 ft.)
Long Wheelbase	11 467 mm (37.6 ft.)
B Bogie Center – Middle Joint	2150 mm (7.1 ft.)
C Middle Joint – Bogie Center	
Short Wheelbase	3600 mm (11.8 ft.)
Long Wheelbase	4100 mm (13.4 ft.)
Wheelbase (B+C)	
Short	5750 mm (18.9 ft.)
Long	6250 mm (20.5 ft.)
D Headboard – Bogie Center	
Short Wheelbase	2635 mm (8.6 ft.)
Long Wheelbase	3135 mm (10.3 ft.)
E Bogie Center – Rear	
Short Wheelbase	2100 mm (6.9 ft.)
Long Wheelbase	2500 mm (8.2 ft.)
F Width	
700-Series Tires	3090 mm (10.1 ft.)
Turning Angle	42 deg.
Outer Turning Radius – 700-Series Tires	
Short	9422 mm (30.9 ft.)
Long	10 160 mm (33.3 ft.)
Inner Turning Radius – 700-Series Tires	
Short	3090 mm (10.1 ft.)
Long	6222 mm (20.4 ft.)
Transport Height	4039 mm (13.2 ft.)
G Ground Clearance – 8W	803 mm (31.6 in.)
Tires	
Front – 6W / 8W	34–16 / 26.5–20
Rear	26.5–20
Minimum Machine Weight	
6W	19 485 kg (42,957 lb.)
8W	22 227 kg (49,002 lb.)
Approach Angle – 8W	39 deg.

Load-Space Options	
Length (D+E)	
Short Wheelbase	5635 mm (18.5 ft.)
Long Wheelbase	4735 mm (15.5 ft.)
Variable Load Space (VLS)	4735 mm (15.5 ft.)
Load-Space Width	
Minimum / Maximum	2950 mm (9.7 ft.) / 3610 mm (11.8 ft.)
VLS	2963–3603 mm (9.7–11.8 ft.)
Cross-Sectional Area	5.5–6.8 m^2 (59.2–73.2 sq. ft.)
VLS	5.4–6.6 m^2 (58.1–71.0 sq. ft.)

1910G Forwarder

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MFO1910GF (23-09)

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