

FORWARDERS



THE BEST SOLUTION COMES FROM PARTNERING

John Deere forest machines are designed and manufactured in Finland. Each machine is designed and tested in close cooperation with forest machine contractors and operators.

As a result of our development work, we offer our customers an advanced production system consisting of machines, technological solutions and services. It enables exceptional productivity and operating comfort and reduces logging's impacts on the forest environment.

H Series forwarders set a new standard for economic productivity, operator comfort and ease of maintenance. The new generation of forest machines is built to support the joy of work and sustainable business operations every day of the year.

EXPERIENCE THE NEW STANDARD FOR LOGGING.



2510H BIGGEST AND BEST PERFORMING

- + Load capacity 25 t
- + 8.5 m² load space – more timber in every load
- + F9 and F10 booms have more power and longer reach
- + IBC 3.0 as standard
- + Cylinder frame lock adds stability with full loads
- + Efficient John Deere engine
- + Twin hydraulic motor driveline takes speed to a new level, even with heavy loads



2010H POWER FOR HEAVY- DUTY FINAL FELLING

- + Load capacity 20 t
- + 7.5 m² loadspace – more timber in every load
- + F9 and F10 booms have more power and longer reach
- + IBC 3.0 as standard
- + Cylinder frame lock adds stability with full loads
- + Long bogie increases maneuverability
- + Powerful and efficient John Deere engine





1610G **POWERFUL** **VERSATILITY IN A** **COMPACT PACKAGE**

- + Load capacity 16 t
- + Power and torque for all applications
- + CF7S Powerboom for easier loading
- + Large and versatile 6.1 m² load space
- + Robust driveline with HD bogie axles



1510G **PRODUCTIVITY FOR** **DIFFICULT TERRAIN** **AND LONG DISTANCES**

- + Load capacity 15 t
- + High torque
- + Robust HD bogie axles with hub-drives
- + Long bogie increases maneuverability
- + Powerful 6-cylinder John Deere engine



1210G **PERFORMANCE FROM** **LATE THINNINGS TO** **REGENERATION HARVESTING**

- + Load capacity 13 t
- + High torque
- + Robust HD bogie axles with hub drives
- + Long bogie increases maneuverability
- + Powerful 6-cylinder John Deere engine



1110G **VERSATILE MACHINE** **FOR THINNINGS AND** **REGENERATION HARVESTING**

- + Load capacity 12 t
- + Balanced or non-balanced front bogie
- + Long bogie increases maneuverability
- + Powerful 6-cylinder John Deere engine



1010G **EFFICIENT AND AGILE CHOICE** **FOR THINNINGS AND SMALL** **REGENERATION HARVESTING**

- + Load capacity 10–11 t
- + CF5 boom designed for thinning applications
- + Long bogie and front bogie lift available
- + 24.5" or 26.5" tires
- + Efficient and reliable 4-cylinder John Deere engine



910G **AGILE MACHINE** **FOR THINNINGS**

- + Load capacity 9–10 t
- + CF5 boom designed for thinning applications
- + Front bogie lift available
- + 22.5" or 24.5" tires
- + Reliable 4-cylinder John Deere engine

POWER, STABILITY AND PRODUCTIVITY

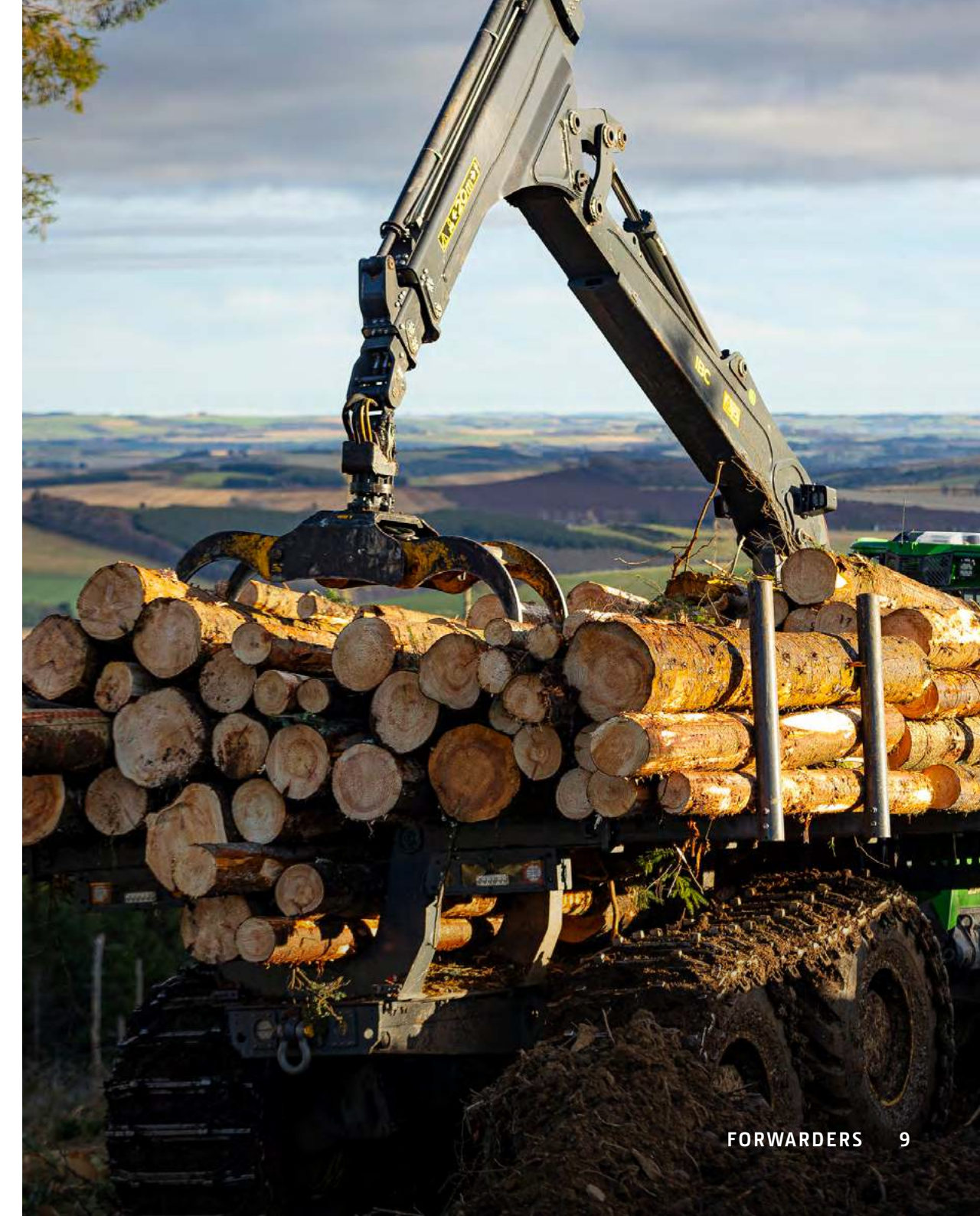


H Series forwarders are your trusted partner also in the most challenging conditions. Tractive force, stability and exceptionally strong booms ensure work efficiency and reliability when you need it most. The rotating and leveling cabin ensures operator comfort even at the most demanding job sites.



The largest 8.5 m² load space allows for fewer trips and more efficient movements of timber from the logging site to the roadside. The 2510H forwarder's twin hydraulic motor driveline permits efficient operation at speeds up to 10 km/h in off-road gear.*

*Available also for the 2010H forwarder



PERFORMANCE AND COMFORT

POWER, PERFORMANCE AND ECONOMY

The John Deere engine, designed for forwarders, offers superior practical performance and has excellent response to power demand.

INTUITIVE USER INTERFACE

The TimberMatic H operating system is easy to use and visual. The precise location of stems at the logging site and the progress of the work are displayed on the map in real-time. Intelligent diagnostics take care of the machine's performance.

ROTATING AND LEVELING CABIN

The rotating and levelling cabin ensures the best visibility to the working area and ensures operator comfort in all conditions. It makes work smooth and integrates the different stages of the workflow seamlessly.

SMOOTH BOOM WORK

The most advanced Intelligent Boom Control makes boom use precise, fast and easy. IBC 3.0 is standard on H Series forwarders, enabling operators to use automatic boom movements.

LOAD SPACES

A wide variety of load space options allows them to be tailored to all applications.

JOY OF WORK

The H Series takes operator comfort to a new level: a quiet cabin with a completely redesigned air conditioning system, Premium Audio sound system, wireless phone charging, food heater, fridge and smart storage spaces help the operator stay refreshed from the beginning to the end of the work shift.

INTELLIGENT CABIN KEY

An operator-specific key makes for an easy start to the work shift. As soon as the operator unlocks the door with the remote key, the computer and the control system start up. The personalized configurations are automatically enabled, and the machine is ready for work as soon as the operator climbs into the cabin.



STRONG AND RELIABLE

Balanced bogies with hub drives provide steady tractive force in all conditions. Intelligent drive control ensures performance and fuel economy.

STABILITY AT WORK

Cylinder frame lock ensures stability in the H Series large forwarders at high driving speeds.

A NEW DIMENSION TO THE WORKDAY

TimberMatic™ Maps supports work planning and monitoring and provides guidance towards environmentally friendly working practices. Using the site planning tool speeds up logging and improves harvest quality. The forwarder operator has access to up-to-date data collected by the harvester's measuring device and the exact location of each log at the logging site. The application also allows real-time monitoring of the progression of the timber transports from the forest to the landing area. It's easy to plan routes and loads in advance, making work more efficient and avoiding unnecessary driving.



THE WORKDAY 2.0

The most valuable component of a forest machine is a healthy operator. The cabins of John Deere's forest machines are designed to exemplify the most advanced work environment in the industry. The rotating and leveling cabin improves workflow, operator ergonomics and resilience at work. Visibility to the work area is unobstructed and the surroundings are easy to observe.

The H Series has taken operator comfort to a whole new level. IBC 3.0 automates routine boom movements and speeds up the transition from one work phase to the next. The new and intuitive TimberMatic™ H control system helps the operator to concentrate on the job at hand and provides advanced tools to improve the quality and efficiency of the work. The focus on operator comfort ensures that operators still have energy after a long day's work.



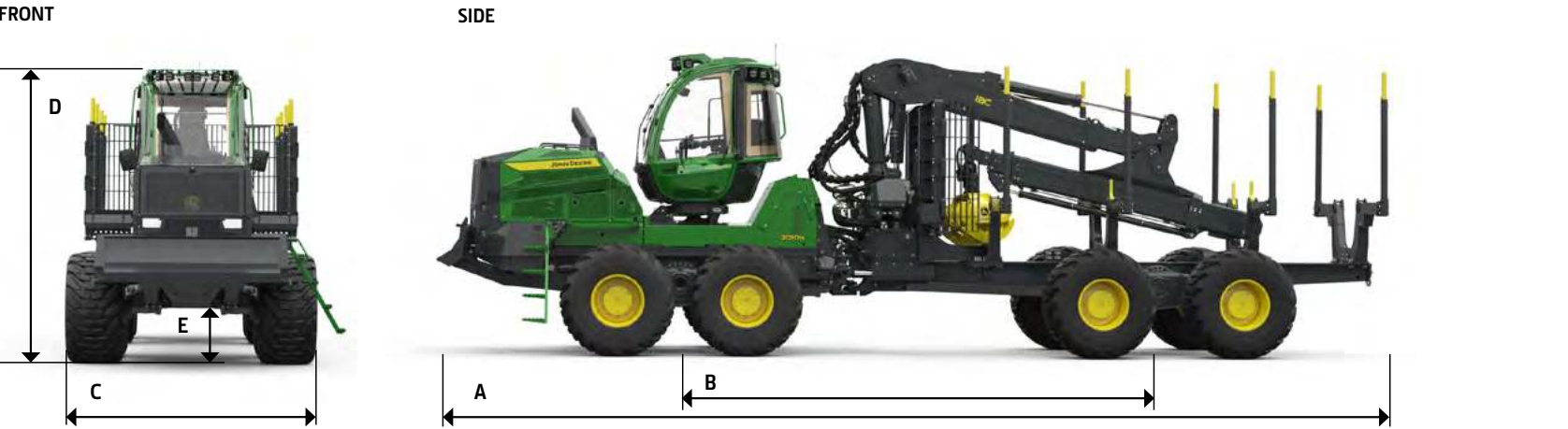


MORE OPERATING HOURS, LESS COSTS

Daily maintenance of H Series forwarders has been made easy. The machines have fewer individual maintenance tasks and centralized, easy-to-access service points. All machines are equipped with an engine oil level sensor, allowing the control system to indicate low engine oil levels. Centralized grease points and optional automatic lubrication save time.

A John Deere Protect™ service contract allows service intervals of up to 1000 hours. H Series machines are designed for faster maintenance, which means less downtime and lower costs.

DIMENSIONS



	910G	1010G	1110G	1210G	1510G	1610G	2010H	2510H
DIMENSIONS								
Length [A]	8.7m, 9.1m	8.7 m, 9.1 m, 9.5 m	9.9 m, 10.9 m	9.9 m, 10.9 m	9.9 m, 11.1 m	9.9 m, 11.1 m	10.7 m, 12.7 m	10.7 m, 12.7 m
Wheelbase [B]	4.4 m, 4.8 m	4.4 m, 4.8 m, 5.2 m	4.9 m, 5.3 m / 5.7 m	4.9 m, 5.3 m / 5.7 m	4.9 m, 5.3 m / 5.9 m	5.3 m / 5.9 m	5.9 m, 6.9 m	5.9 m, 6.9 m
Width min. [C]	2.55 m	2.55 m	2.70 m	2.75 m	2.95 m	2.95 m	2.99 m	3.20 m
Outer turning radius	±44 °	±44 °	±44 °	±44 °	±44 °	±44 °	±44 °	±44 °
Transport height [D]	3.65 m	3.70 m	3.85 m (CF5), 3.80 m (CF7)	3.80 m	3.80 m	3.80 m	3.95 m	3.95 m
Ground clearance, middle joint [E]	65 cm	65 cm	65 cm	65 cm	65 cm	65 cm	75 cm	78 cm
Machine weight min.	15.0 / 14.7 t	15.0 / 16.1 t	15.3 / 17.1 t	16.2 / 18.1 t	16.3 / 18.2 t	16.4 / 18.3 t	25.5 t / 28.2 t	29.8 t

SPECIFICATIONS

	910G	1010G	1110G	1210G	1510G	1610G	2010H	2510H
KEY FIGURES								
Load rating	9 t / 10 t	10 t / 11 t	12 t	13 t	15 t	16 t	20 t	25 t
Tractive force	110 kN / 150 kN	150 kN / 160 kN	165 kN	175 kN	185 kN	205 kN	235 kN (6W) / 260 kN (8W) / 285 (8W HD)	300 kN
Power	118 kW	131 kW	145 kW	156 kW	164 kW	187 kW	220 kW	252 kW
BOOM	CF5	CF5	CF5 / CF7	CF7	CF7 / CF7S / CF7S Power+	CF7 / CF7S / CF7S Power+	F9 / F10	F9 / F10
Max. reach	8.5 / 10 m	8.5 / 10 m	8.5 / 10 m	8.5 / 10 m	8.5 / 10 m	8.5 / 10 m	F9: 8.7 / 10.7 m, F10: 8.7 / 10.2 m	F9: 8.7 / 10.7 m, F10: 8.7 / 10.2 m
Gross lifting torque	102 kNm	102 kNm	CF5: 102 kNm, CF7: 125 kNm	125 kNm	CF7: 125 kNm, CF7S: 143 kNm	CF7: 125 kNm, CF7S/CF7S Power+: 143 kNm	F9: 170 kNm, F10: 210 kNm	F9: 170 kNm, F10: 210 kNm
Slewing torque	24 kNm	24 kNm	CF5: 24 kNm, CF7: 32 kNm	32 kNm	32 kNm	32 kNm	F9: 45 kNm, F10: 50 kNm	F9: 45 kNm, F10: 50 kNm
Slewing angle	380 °	380 °	380 °	380 °	380 °	380 °	380 °	380 °
LOAD SPACES								
Length	3.7 m, 4.1 m	3.7 m, 4.1 m, 4.5 m	4.5 m, 5.5 m	4.5 m, 5.5 m	4.5 m, 5.7 m	4.5 m, 5.7 m	4.8 m, 5.5 m, 6.0 m, 6.5 m	4.8 m, 5.5 m, 6.5 m
Cross-sectional area	3.5–4.0 m²	3.5–4.4 m²	4.0–4.6 m²	4.0–5.3 m²	4.0–5.3 m²	4.0–6.1 m²	6.5 m², 7.5 m²	6.5 m², 7.5 m², 8.5 m²
ENGINE	John Deere 4045	John Deere 4045	John Deere 6068	John Deere 6068	John Deere 6068	John Deere 6068	John Deere JD9	John Deere JD9
Cylinder count	4	4	6	6	6	6	6	6
Displacement	4.5 l	4.5 l	6.8 l	6.8 l	6.8 l	6.8 l	9 l	9 l
Power	118 kW @ 1900 rpm	131 kW @ 1900 rpm	145 kW @ 1600–1900 rpm	156 kW @ 1600–1900 rpm	164 kW @ 1700–1900 rpm	187 kW @ 1800rpm	220 kW @ 1600–1900 rpm	252 kW @ 1600–1900 rpm
Torque	650 Nm @ 1400–1600 rpm	730 Nm @ 1400–1600 rpm	865 Nm @ 1300–1600 rpm	935 Nm @ 1300–1500 rpm	978 Nm @ 1200–1500 rpm	1 025 Nm @ 1500rpm	1 400 Nm @ 1200–1400 rpm	1 550 Nm @ 1200–1400 rpm
FILL VOLUMES								
Fuel tank	150 l	150 l	167 l	167 l	167 l	167 l	380 l	380 l
DEF-liquid tank	16 l	16 l	16 l	16 l	16 l	16 l	28.5 l	28.5 l
Hydraulic oil tank	150 l	150 l	161 l	161 l	161 l	161 l	225 l	225 l
TIRES								
Front tires 6W/8W	34" / 22.5", 24.5"	34" / 24.5", 26.5"	34" / 26.5"	34" / 26.5"	34" / 26.5"	34" / 26.5"	34" / 26.5", 28.5"	28.5"
Rear tires	22.5", 24.5"	22.5", 24.5"	26.5"	26.5"	26.5"	26.5"	26.5", 28.5"	30.5"
MEASUREMENTS								
Length	8.7 m, 9.1 m	8.7 m, 9.1 m, 9.5 m	9.9 m, 10.9 m	9.9 m, 10.9 m	9.9 m, 11.1 m	9.9 m, 11.1 m	10.7 m, 12.7 m	10.7 m, 12.7 m
Wheelbase	4.4 m, 4.8 m	4.4 m, 4.8 m, 5.2 m	4.9 m, 5.3 m / 5.7 m	4.9 m, 5.3 m / 5.7 m	4.9 m, 5.3 m / 5.9 m	5.3 m / 5.9 m	5.9 m, 6.9 m	5.9 m, 6.9 m
Width from	2.55 m	2.55 m	2.70 m	2.75 m	2.95 m	2.95 m	2.99 m	3.20 m
Transport height from	3.65 m	3.70 m	3.85 m (CF5), 3.80 m (CF7)	3.80 m	3.80 m	3.80 m	3.95 m	3.95 m
Ground clearance	65 cm	65 cm	65 cm	65 cm	65 cm	65 cm	75 cm	78 cm
Weight 6W / 8W from	15.0 / 14.7 t	15.0 / 16.1 t	15.3 / 17.1 t	16.2 / 18.1 t	16.3 / 18.2 t	16.4 / 18.3 t	25.5 t / 28.2 t	29.8 t
Steering angle	±44 °	±44 °	±44 °	±44 °	±44 °	±44 °	±44 °	±44 °



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