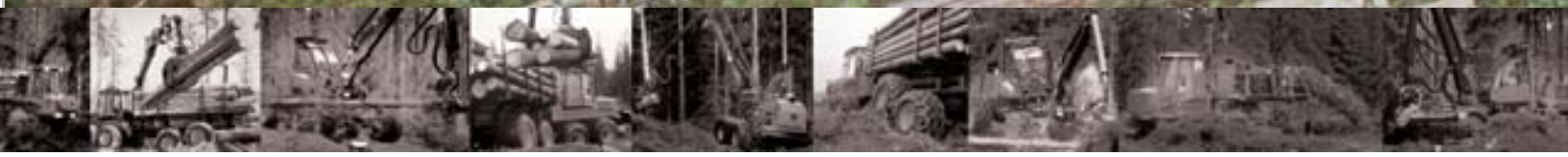
FORWARDER

1010D

CUT-TO-LENGTH SYSTEM | HARVESTERS | FORWARDERS





JOHN DEERE

RELIABLE, ECONOMIC PARTNER.

FLEXIBILITY. EFFICIENCY. GENTLE ON THE ENVIRONMENT.



The John Deere 1010D is a versatile, reliable and easy-to-use forwarder, which fulfils all requirements of a first-class forest machine. The 1010D represents the well-known reliability of its predecessors and the strength and durability featuring all John Deere forest machines.

The size and properties of the 1010D make it ideally suited for many applications, from demanding thinning to regeneration harvesting. Thanks to its significant steering angle and generous ground clearance the 1010D runs smoothly on uneven terrain.

CUT-TO-LENGTH SYSTEM

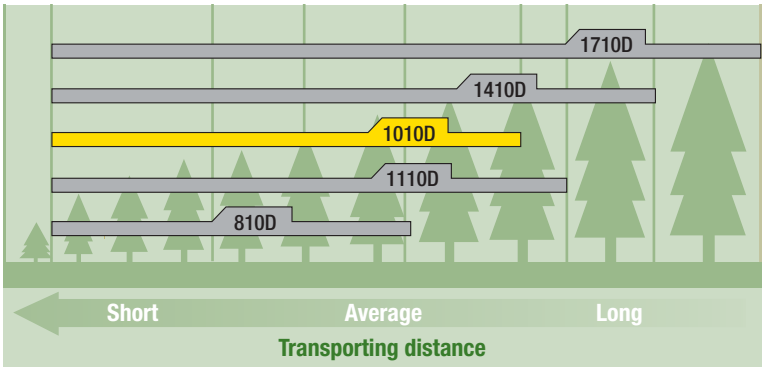
HARVESTERS	FORWARDERS
	
	



The John Deere 1010 forwarder efficiently improves the environmental friendliness of harvesting work. Its low centre of gravity, smooth transmission and wide tyres minimise ground pressure and the effects of the terrain. The efficient John Deere engines have low emission and conform to the latest emission regulations.

The John Deere 1010D combines excellent productivity, ease of use and environmental friendliness.

Application of the 1010D forwarder



TORQUE. POWER. PRODUCTIVITY. VERSATIL



The powerful CF5 boom makes loading and unloading more efficient. The boom is easy to control and it moves softly. It is ideally positioned for thinning applications. Three boom reach lengths are available – 7.2, 8.5 and 10 metres – and two alternative grapples. Optional hydraulic dampening of the slew and lifting motions is available.

The efficient hydraulics system makes operating the forwarder effortless. The large diameter hydraulic hoses and pipes reduce pressure loss. The high-grade filter system lengthens the life of the components.

The low centre of gravity of the load space keeps the machine steady in all conditions. Two different frame lengths are available. The machine is equipped with a fixed or hydraulically operated strong headboard.

The machine is equipped with a strong gear bogie axle. Several tyre options are available, complete with compatible chains and tracks.

The frame structure and middle joint are of strong composition. The result is a well-balanced unit with a powerful frame brake. The positioning of the middle joint, the slewing angle of +/- 44 degrees and the generous ground clearance give the forwarder a small turning radius and agility.



The cab conforms to safety regulations and provides excellent visibility in all directions. The cab boasts efficient air-conditioning and sound insulation. A CD player / radio is provided. The large windows are made from tinted poly-carbonate safety glass and blinds that provide shade from sunlight are available as optional equipment. The sturdy air-cushioned seat has various adjustments. The cab is equipped with Halogen/Xenon lights and a connection for a mobile telephone.

The easy-to-use LCS control system governs the functions of the loader. The settings relating to the speed of the loader are governed by a single potentio-meter. Transmission is controlled hydraulically.

The engine hood is light to lift, allowing for easy and safe maintenance access. Components that require daily or scheduled servicing are easily accessible. Optional equipment include a diesel pre-heater.

The John Deere PowerTech JD4045 HTJ diesel engine has good fuel economy and high torque at low rpm. The cooling system for the engine and the hydraulics remains efficient in all conditions.

The strong belly pan can be lowered and raised using a winch. Access to all service points is easy, fast and safe. The significant approach angle improves ground clearance and suitability for rough terrain.

The machine has strong, rigid front axles and excellent ground clearance. High tractive force ensures necessary drive in the roughest of terrains. Several tyre options are available, complete with compatible chains.

Access to service points located underneath the cab is easy, as the cab can be tilted hydraulically. Service lights are provided on the bottom surface of the cab.

HIGH UPTIME. EASY MAINTENANCE. LOW OPERATING COSTS.







As a result of extensive experience and expertise, John Deere forest machines operate efficiently and reliably. The 1010D is designed for improving the efficiency of the entire timber harvesting chain, in demanding thinning applications and regeneration harvesting alike.

The John Deere 1010D forwarder makes a productive partner for a John Deere harvester. Thanks to the powerful John Deere engine, the hydrostatic transmission and the high ground clearance, the forwarder moves effortlessly in any kind of terrain.

The stability of the machine and the efficient frame brake make loading and unloading smooth and safe. The efficient boom and the long reach length add the finishing touches to the composition. Operators appreciate the easy-to-use controls, excellent visibility in all directions and the powerful lights.

The John Deere PowerTech diesel engine complies with the emission regulations and provides good fuel economy. The high torque at low rpm makes operating the forwarder pleasant and efficient.

Special attention has been given to the ease of maintenance in designing the 1010D forwarder. Components that require daily servicing are easily and safely accessible.

Part of the bogie structure is located inside the rim of the wheel, allowing for especially high and wide ground clearance. The machine can thus go over rocks and stumps with ease. This helps to select routes and improves the productivity of the machine.

LOAD RATING [kg]
11,000

DIESEL ENGINE
John Deere 4045 HTJ

Power Output [kW] @ [rpm]	86 @ 2,000
Torque [Nm] @ [rpm]	498 @ 1,400
Fuel Tank [l]	180

TRANSMISSION
Hydrostatic-mechanical 2-speed gearbox.
Release of rear-wheel drive.

Tractive Force [kN]	140
Speed, mode 1 [km/h]	0 - 8
mode 2 [km/h]	0 - 23

STEERING
Proportional Frame Steering

Steering Angle [+/-°]	44

BRAKES
Service and working brakes are hydraulically actuated, oil-immersed multi-disc brakes. Spring-actuated parking and emergency brakes. ISO 11169.

AXLES/BOGIES
Rigid axles at the front; Gear bogie axles at the rear;
Hydro-mechanical differential lock at the front and the rear.

ELECTRICAL SYSTEM

Voltage	24 V
Batteries	2x145 Ah
Alternator	100 A (28 V)
Working Lights	8 x 140W Twin Power, Xenon lights also available.

HYDRAULICS
Load-sensing, with power control

Pump Volume [cm^3]	100
Working Pressure [Mpa]	21.5
Hydraulic Tank [l]	100

BOOM
CF5

Maximum Reach Lengths [m]	7.2 / 8.5 / 10.0
Gross Lifting Torque [kNm]	102
Slewing Torque [kNm]	24
Slewing Angle [°]	380

CAB
Safe and in conformity with ISO standards.

MEASURING AND CONTROL SYSTEM
LCS (Loader Control System)

OPTIONAL EQUIPMENT
Information about the accessories is available from your local dealer.

MEASUREMENTS [mm] *

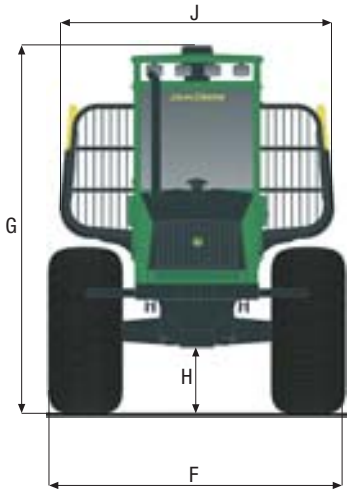
A	Length	9,025 (9,425)
B	Front Axle - Middle Joint	1,500
C	Middle Joint - Bogie	3,300 (3,700)
D	Headboard - Bogie	2,556 (2,956)
E	Bogie - Rear	2,025
F	Width, Front	
	- 600 Tyres	2,680
	- 700 Tyres	2,860
	Width, Rear	
	- 600 Tyres	2,700
	- 700 Tyres	2,890
G	Minimum Transportation Height	3,800
H	Ground Clearance	605

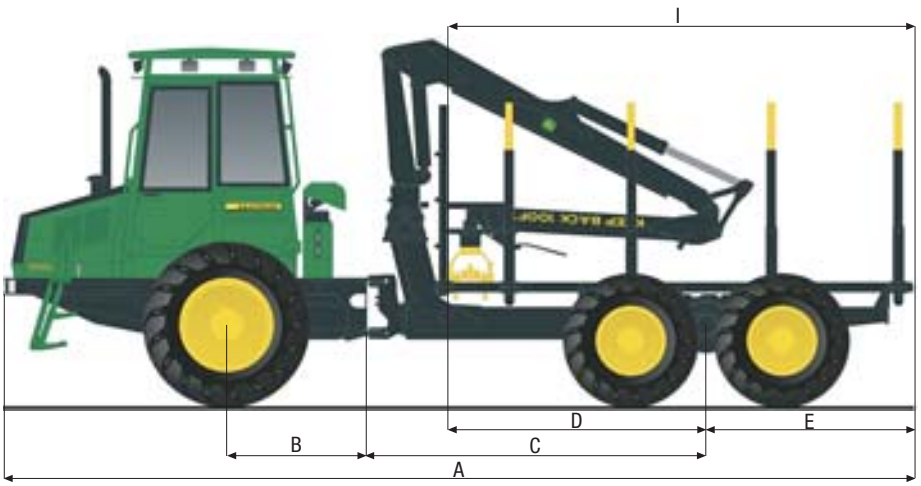
LOAD SPACE OPTIONS *

I	Overall Length [mm]	4,580 (4,980)
J	External Width [mm]	2,566
	Cross Sectional Area [m^2]	4.0

* Note! The measurements are nominal and may vary depending on the manufacturing tolerances. (Measurements for the long wheelbase are given in brackets.)

WEIGHT [kg]
Depending on Accessories, from 12,330





The manufacturer reserves the right to make changes or add improvements at any time without incurring any obligation to make such changes on machines manufactured previously.

FORWARDER

1010D

NOTHING RUNS LIKE A DEERE.

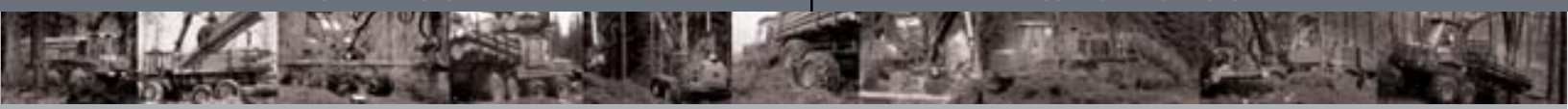
MAYBE THOSE WORDS ARE THE REASON WHY ALMOST EVERY OTHER PROFESSIONAL LOGGER IS A JOHN DEERE CUSTOMER.

They're just five simple words. Yet they have profound impact on your company. Because at their heart they mean equipment that is built forest tough, with greater productivity, more uptime and lower daily operating costs. They mean a dealer network over 380 locations strong, with immediate access to parts and experts that understand your industry. They mean a dedicated lender in John Deere Credit, committed to helping loggers succeed with competitive financing to enhance cash flow. And they mean a global forestry equipment leader that invests more in R & D than any other manufacturer.

But most of all, these words represent the confidence that comes with over 168 years of heavy equipment experience.

Your world is logging. So is ours. John Deere Forestry. Leading the way, worldwide.

FULL TREE SYSTEM | CUT-TO-LENGTH SYSTEM



PRODUCTIVITY | UPTIME | LOW DAILY OPERATING COSTS

www.JohnDeere.com

JOHN DEERE

Nothing Runs Like A Deere