

TIMBERJACK FORWARDER

1010D



Timberjack
A John Deere Company

1010D

The profitable investment

Timberjack 1010D is everything you have come to expect from an all-round forwarder: versatility, reliability and ease of use. With several upgraded features, these machines are ready to provide a return on your investment through enhanced efficiency.



The versatile all-rounder... ...that excels in efficiency

Timberjack 1010D is the ideal choice for your thinning and regeneration applications. With a steep approach angle and high ground clearance, it ensures smooth traveling over rough grounds and obstacles. Its load stakes can be easily moved to accommodate different log lengths and to optimize weight distribution.

The 1010D offers the same tried and tested reliability as its predecessors and also features the same trademarks for strength and durability as all the larger Timberjack machines. However, despite the similarities, there are clear differences such as increased capacity through the new powerful boom and the John Deere engine.



Gentle on the environment

The 1010D series forwarder is designed to be a part of your environmentally sound logging system. The low center of gravity, advanced control system and optimum tire sizes provide excellent level soft tractive force and reduce ground impact. The low-emission Deere engine meets the latest emission regulations in Europe and North America.

Flexibility for any job, anytime and anywhere

The 1010D provides you with a reliable solution for your professional forwarding tasks. It is your faithful partner that operates in all conditions without additional fine-tuning or complicated parameter settings. To sum it up: The Timberjack 1010D forwarder is simple and compact enough to be the flexible and easy-to-use machine for any job, anytime and anywhere.

1010D

Productivity in action



The 1010D forwarder is ready to break all the standards for productivity by offering more value-adding benefits than any other forwarder in this size class. These machines can work in the forest both efficiently and gently.

The new boom power

The new and powerful CF5 boom features a strong construction and provides 7.2 m single and 8.5 m and 10 m double extension reaches. A higher gross lifting torque allows greater lifting capacity at maximum extension. An increased working pressure of 24 Mpa together with a lower hydraulic flow and optimized piping reduces hydraulic system losses and provides better fuel efficiency.

Optimized performance

The new generation LCS, (Loader Control System) offers accurate loader operations and minimizes the time spent at each loading site. This system enables the operators and their machines to work together to achieve the highest level of productivity.



A workplace with a view

The climate-controlled cabin makes your Timberjack 1010D a comfortable workplace, with a clear field of vision in all directions. The 1010D is easy to operate with ergonomic driving controls. The new adjustable seat adds a touch of luxury to your daily routines.

The twin-power working lights provide nearly 30% more light power compared to the previous models.

The new, optional Xenon lights produce the same amount of light as conventional light bulbs, but last five times longer and consume only one-third of the energy. The enhanced illumination is comparable to natural light, making it gentle on the human eye.

Faster cycle times

The 1010D features a wide ground clearance up to 605mm, which is unequaled in this forwarder size. The machine moves gently even when fully loaded. The excellent ground clearance also helps avoid hang-ups on rocks and stumps, which improves driving and speeds up cycle times.

1010D

Benefits - you can count on power



Thanks to our long experience in professional logging technology, we at Timberjack know what you expect from a reliable forest machine. The new 1010D provides it all in a smaller package that is appropriate for your sensitive thinning and regeneration applications. The enhanced serviceability keeps your forwarder wheels running.

The high-torque engine

A new electrically-controlled, turbocharged and intercooled John Deere diesel engine supplies the 1010D with superior power output and remarkably more torque compared to previous models. The high torque allows the engine to operate at lower rpm, resulting in excellent fuel economy, inc-

reased component life and reduced noise levels. In addition, service intervals for essentials like engine oil and filter changes have been extended from 250 hours to 500 hours, which decreases maintenance time and costs.



Top-class serviceability

When designing the 1010D forwarder, enhanced serviceability was a top priority. All service points are easily and safely accessible from underneath the tiltable cabin. Locking and lifting points for transportation have been added to

both the front and rear frames with a special middle-joint locking device. A winch for lowering and raising the belly pan completes the practical design.



**TAKE CONTROL
MAKE DECISIONS
BOOST PROFITS
THINK GREEN**

Dimensions

Length 9050 mm
 Width (600 tires)..... 2700 mm
 optional (700 tires) 2880 mm
 Transportation height..... 3700 mm
 Ground clearance 605 mm
 Wheel base..... 4800 mm
 Load rating 11,000 kg
 Note! Measurements are nominal and may vary due to tire manufacturing tolerances.

Weight

Depending on options 12,700 – 13,700 kg

Load area

Length 4550 mm
 Width..... 2565 mm
 Cross sectional area 3,5 m²
 Hydraulically movable headboard, 4 bunks, 8 stakes

Engine

John Deere 4045 HTJ76
 Water-cooled 4-cylinder, turbo-charged and air-to-air after-cooled diesel engine.
 Output 86 kW / 2000 rpm
 Max. torque 498 Nm / 1400 rpm
 Fuel tank capacity 180 l
 Electrical control for engine rpm
 Engine fault diagnostics

Transmission

Hydrostatic-mechanical power transmission. Range gear with low and high range. Power distributed between the front and rear axles. Off-road driving, smooth no-surge start.
 Release of rear-wheel drive. Travel speed max. 23 km/h. Max. tractive force 140 kN.

Axles

Front axle with hub planetaries. Portal type, gear bogie at rear. Hydraulically actuated mechanical differential lock in front and rear.

Steering

Articulated frame steering with two hydraulic steering cylinders. Proportional steering with an electrical mini lever. Steering angle $\pm 44^\circ$.

Tires

Front..... 600/65x34/14
 (optional) 700x70x34/14
 Rear 600/55x26,5/16
 (optional) 700x26,5/16

Brakes

Service and working brakes are hydraulically actuated, oil immersed multiple disc brakes.
 Spring actuated parking and emergency brakes in front and rear bogies. Meets ISO 11169.

Hydraulic system

Timberjack Loader Control System (LCS) on loader. Load-sensing hydraulic system.
 Pressure 24 MPa
 Pump displacement..... 100 cm³/r
 Hydraulic oil reservoir 113 l

Electrical system

Voltage 24 V
 Batteries..... 2 x 110 Ah
 Alternator 100 A / 24 V
 Working lights 8 x 140 W
 Track lights..... 2 x 70 W

Cab

Well-lighted and comfortable cab providing the operator excellent vision in all directions.
 The cab meets ISO standards for ROPS, FOPS and OPS. Thanks to the unique mounting of the cab, the noise level and vibrations are low. The cab can be tilted for easy service access. Tinted polycarbonate windows. Air cushioned seat with electrical locked seat swivel. Efficient heating and airconditioning. Radio/cassette player.

Standard equipment

- Timberjack LCS (Loader Control System)
- Foldable mechanical steps with switch
- Fire extinguisher ABE III / 6 kg
- Stability brake
- Mineral hydraulic oil
- Mechanical refill pump for hydraulic oil
- Toolkit
- Spare Parts Catalogue/Operator's manual
- Working lights 2 x 70 W on loader

Optional equipment

- Preheater, 5 kW for engine and cabin
- Sun blinds in all windows
- Separate fuel tank 550 liters
- Travel distance gauge
- Decking blade
- Steel wire branch protection
- Engine hood front protection
- Back-up alarm
- Chains
- Tracks
- Spare tire and wheel rim
- Viscous fan drive
- Xenon working lights
- Boom damping
- Xenon light on loader
- Environmental kit

Boom CF5

General

The slew torque for all types is 24,4 kNm with the slew angle of 380 degrees and the gross lifting moment 102 kNm.

CF572

Reach 7.2 m
 Length of extension 1390 mm
 Max. load at max. reach 1,080 kg*)

CF585 (Optional)

Reach 8.5 m
 Length of extension 2630 mm
 Max. load at max. reach 800 kg*)

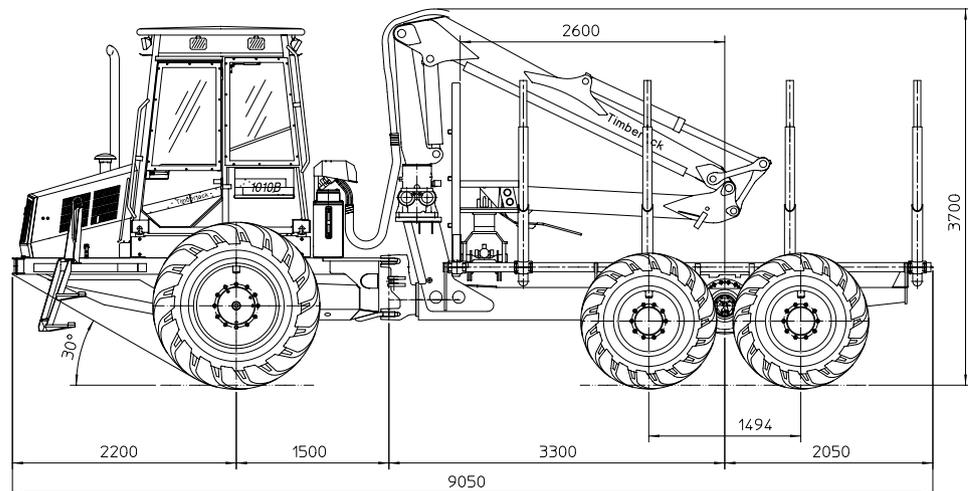
CF510 (Optional)

Reach 10 m
 Length of extension 4200 mm
 Max. load at max. reach 580 kg*)

*) Without grapple, link and rotator

Note! Standard and optional equipment may vary. For details contact your local dealer.

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



TAKE CONTROL

Timberjack is no ordinary forwarder. It is the right and “bright” partner that makes you - the operator - a better professional in forest operations. When you invest in Timberjack, you are not only getting a robust high-production machine but also a complete package of forest management capabilities.

MAKE DECISIONS

The state-of-the-art control system automatically performs all instructed travel and work functions with incredible speed and precision.

BOOST PROFITS

Ensuring high output in various forwarding applications, Timberjack delivers optimum results whatever the task. It gives you the freedom to move from one job to the next without missing a beat. Geared up for outstanding performance, Timberjack is your razor-sharp business partner.

THINK GREEN

You can always depend on Timberjack for an environmentally sound solution. It's your strongest ally when it comes to sustaining both a healthy residual forest and a reputation for responsible forest stewardship.

This brochure may include features or options not available in all markets.

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