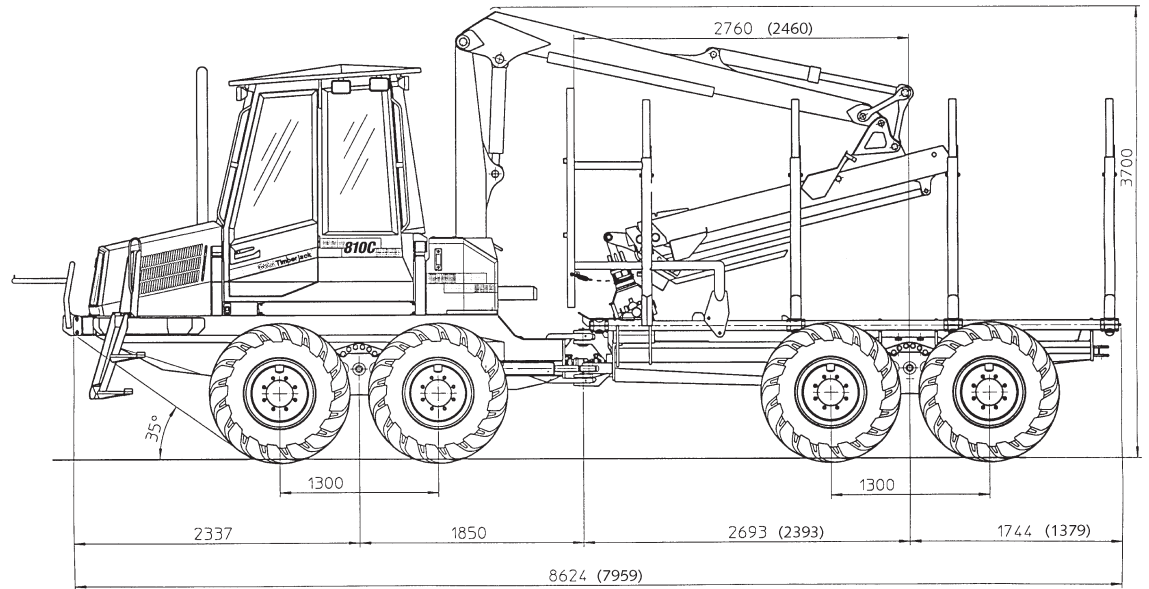


# Timberjack 810C Forwarder



## Technical Data

### Dimensions

Length	8624 mm
optional	7959 mm
Width	2520 mm (600-tires)
	2660 mm (700-tires)
Transport height	3700 mm
Ground clearance	595 mm
Wheelbase	4543/4243 mm
Load rating	8 500 kg

### Weight

Depending on equipment	10 400 kg – 11 200 kg
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### Load space

Length	4485 mm
optional	3839 mm
Width	2409 mm
Cross sectional area	3,4 m <sup>2</sup>
Mechanically movable headboard	4 bunks,
	8 stakes

### Engine

Perkins 1004-40T, water-cooled turbo-charged 4-cylinder diesel engine	
Output	81 kW / 2400 rpm
Max. torque	394 Nm / 1400 rpm
Fuel tank capacity	110 l

### Transmission

Timberjack TMC® (Total Machine Control) -system. 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 without dropping engine speed. Release of rear-wheel drive. Travel speed max. 23 km/h. Max. tractive force 110 kN.

### Axles

Bogie axles with portal type bogie beams including patented balancing units. Similar axles at front and rear. Power transmission through gears in bogie beams. Hydraulically operated mechanical differential lock in front and rear. Disconnection of rear axle with high range.

### Steering

Articulated frame steering with two hydraulic steering cylinders. Steering angle  $\pm 44^\circ$ . Proportional steering with electric joystick.



### Tires

Front	600/50x22,5/12
optional	700/40x22,5/12
Rear	600/50x22,5/12
optional	700/40x22,5/12

### Brakes

Service and working brakes are hydraulically actuated, oil immersed multiple disc brakes. Identical in both axles. Spring actuated parking- and emergency brakes in front and rear bogies. According to ISO 11169.

### Hydraulic system

Timberjack TMC® -system. Load-sensing hydraulic system with power control.

Pressure	24 Mpa
Pump volume	74 cc
Hydraulic oil reservoir	85 l

### Electrical system

Voltage	24 V
Batteries	2 x 115 Ah
Alternator	100 A / 28 V
Working lights	8 x 140 Twin Power

### Cab

Spacious, light and comfortable cab giving the operator excellent vision in all directions. Efficient heating and air conditioning. The cab meets ISO standards for ROPS, FOPS, OPS. Thanks to the unique mounting of the cab, the noise level and vibrations are low. Noise level below 70 dB(A) (according to ISO 5131:1993). The cab can be raised and shifted to the side for easy service access. Radio/cassette receiver. Connection for cellular phone. Tinted polycarbonate windows. Air cushioned seat with air locked seat swivel.

### Standard equipment

- Timberjack TMC® (Total Machine Control)
- Fire extinguisher ABE III
- Sprinkler system
- Tow hook
- Vacuum pump
- Standard steps
- Mechanical refill pump for hydraulics
- Engine oil drain hose

- Mineral hydraulic oil
- Spare parts catalogue/Operator's manual
- Decals in English

### Optional equipment

- Biodegradable hydraulic oil
- Separate 550 l fuel tank
- Electrical refill pump for hydraulics
- Stability brake
- Decking blade
- Preparedness for clambunk
- Hydraulic steps
- Wipers on rear side windows
- Sun blinds in all windows
- Preheater 5.0 kW: engine, cabin
- Back-up-alarm
- Chains, tracks
- Spare wheels and wheel rims

### Loader TJ 51 F

#### General for loader

In all types the slew torque is 17,5 kNm with the angle 380° and the gross lifting moment 64 kNm.

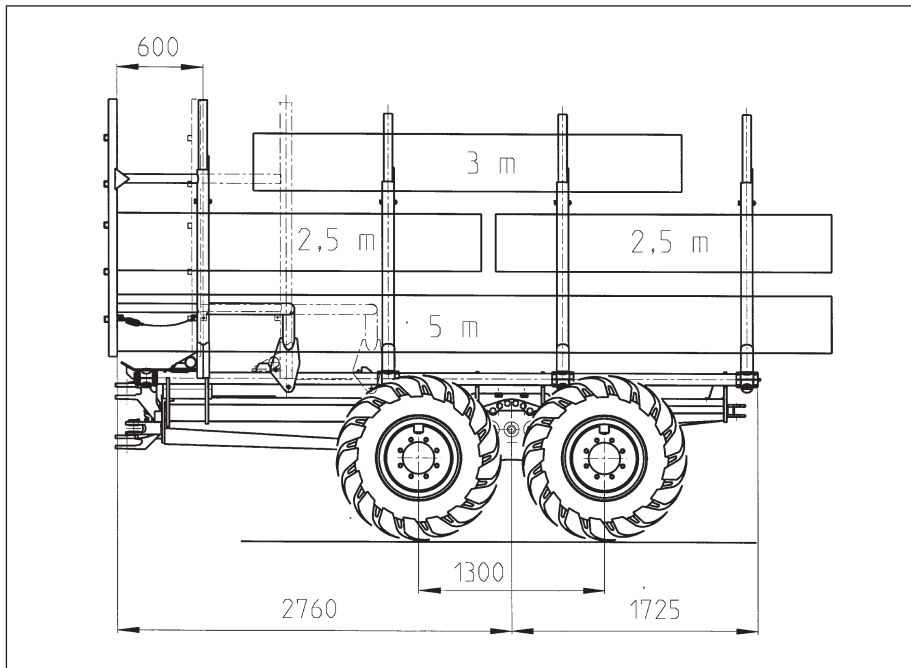
TJ 51 F 65	
Reach	6,5 m
Length of extension	1170 mm
Max. load at max. outreach	730 kg

(optional)

TJ 51 F 87	
Reach	8,7 m
Length of extension	3000 mm
Max. load at max. outreach	480 kg

(optional)

TJ 51 F 96	
Reach	9,6 m
Length of extension	3900 mm
Max. load at max. outreach	400 kg



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

# Timberjack

Doing more

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