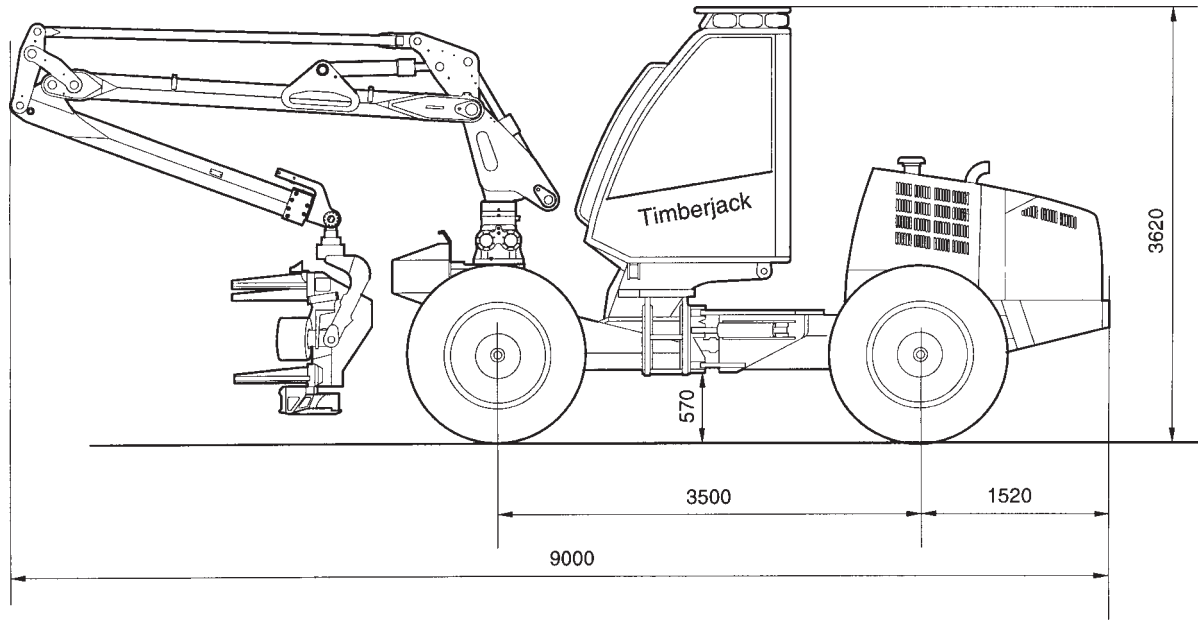


# Timberjack 770 Harvester



## Technical Data

### Dimensions

Length	5880 mm
Width	2300 mm (600 tires)
Width	2400 mm (650 tires)
Height	3620 mm
Ground clearance	570 mm

### Weight

Min 10800 kg depending on equipment

### Engine

Power output	82 kW / 2200 rpm
Torque	445 Nm / 1500 rpm
Type	4BTA3.9-C110
Fuel tank	250 l

### Transmission

Hydrostatic-mechanical	
Two-speed gearbox	
Speed	0-25 km/h
Tractive force max	100 kN

### Steering

Articulated frame steering  
Steering angle  $\pm 40^\circ$   
Electrical proportional off road steering.

### Brakes

Service and working brakes are hydraulically actuated, oil immersed multiple disc brakes. Spring actuated parking and emergency brakes

### Axles

Front and rear: Single rigid axle with electro-hydraulic differential lock

### Hydraulic system

Load-sensing	
Pump capacity	216 l/1800 rpm
Working pressure	240 bar
Hydraulic tank	170 l

### Timberjack TMC™-system

(Total Machine Control) Controls engine, transmission and crane. Driver specific parameters for 7 operators and two factory settings.



## Electrical system

Voltage	24 V
Batteries	2x140 Ah
Alternator	140A
Working lights	30 lux in the working area of the crane.

## Tires

Front:	650x26,5 or 600x30,5
Rear:	650x26,5 or 600x30,5

## Crane

Parallel motion knuckle boom TJ 140 H.	
Reach 7,9 m with the 742 head,	
9,2 m with the 732C head	
Gross lifting torque	95 kNm
Gross slewing torque	24 kNm
Tilt angle	± 15°
Slewing angle	220°

## Cab

Spacious, well-lit and comfortable cab with an ergonomic seat and low-effort

## Timberjack harvester heads

Model	742	732B
Max opening upper knives, mm	465	375
Max opening feed rollers, mm	460	350
Delimiting diameter tip to tip, mm	350	250
Max cutting diameter, mm	470	350
Weight, incl rotator and link, kg	770	400
Feed force at 24 MPa gross, kN	15.4/18.4 *	11,9/15.0**
Feed speed, m/s	4.5/3.7 *	0-4,5
Chain speed, m/s	40	32
Pump capacity, l/min (recom.)	160	130-150/160-190**
Operating pressure max, MPa	24	19-21
Saw bar, cm	64	36
Max reach with the TJ 140 H 76/89 crane, m	7.9	9.2

\* = with 332 / 398 cc motor

\*\* = with 250/315 cc motor

mini-grip controls. Efficient heating and air conditioning. Excellent visibility on all sides and up to the tree tops. Noise level meets ISO standards. Radio/cassette player. Connection for cellular phone. Light green polycarbonate windows. Safety tested according to ISO and BC standards.

## Measuring system

Timberjack 3000 measuring and control system:

- Easy to use, information is displayed on a large screen with clear graphic symbols and text
- Highly automated harvester head control including saw bar control, automatic pressure adjustment of the delimiting knives and automatic harvester head tilt-up
- Modular based CAN-bus reduces the amount of cabling needed, ensuring accuracy and reliability
- Compact and efficient design of the push buttons and joysticks, for good ergonomics
- Easy calibration of measuring length and diameter
- Printer for production reports, machine settings, log charts, etc.
- Fault finding function

- Memory card for transferring data, including production data and machine settings (PCM CIA-card)

Different levels of software programs depending on customer needs:

- Control for color marking and stump treatment
- Price and priority-based optimization
- Operation and service follow-up program
- Versatile data transfer options
- Option to use electronic calipers

The features above are available as part of various software packages. The Timberjack 3000 can include any or all of them depending on your specific needs.

## Optional equipment

- Preheater for cabin, engine and hydraulic oil tank
- Sun blinds
- Vacuum pump for hydraulics
- Chains
- Spare wheel

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

# Timberjack

Doing more