



MOBILE CHIPPER 806.2 PT TRUCK

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The highly efficient 806.2 PT truck chipper has been combined with state-of-the-art truck technology to deliver good road performance that can easily move between chipping sites, offering a flexible solution for operators.

This chipper is powered by the truck's 388kW (520) to 485kW (650hp) diesel engine via a gearbox, driveshaft, and belt transmission. The chipper's electrical and hydraulic systems are interconnected with the truck's.

806.2 PT truck chippers are fitted with a long-reach crane and have a cabin that can be raised and lowered, meeting a range of different operational configurations.

The 806.2 produces fuel wood chips from forest residues. It has the capacity to process tops and branches, and parts of trees up to a diameter of 50cm for softwood and up to a maximum diameter of 40cm for hardwood.

With its high-capacity chip production, reliability and long service life, the 806.2 provides users with a flexible chipper that can meet a variety of demands, delivering smooth operations at minimal costs.

PRODUCT INFORMATION:

Chassis

Carrier vehicle will typically be a Volvo FH16, with a 550 to 650hp or a Scania R520, R650. These trucks have a 6x4 chassis with a 4.3m wheelbase. The chassis is factory adapted so it can carry and power the chipper and crane.

Drum chipper

The 806.2 PT truck chipper uses a robust drum chipper with a powerful infeed and closed drum for best chip quality; chip output is via a chip accelerator and chip tube. This combination provides the most energy-efficient chipping process and a consistently high chip quality.

Support frame

On the truck, there is a mounting frame, foundations for the chipper, chip bin and crane, along with platforms and ladders for the safe maintenance of the chipper, knife and tool box, and fire extinguishers in protective boxes.

Power transmission

FACTS

TAGS:

- ON ROAD

SUMMARY:

A chipper on a truck with good road performance that can easily change chipping sites. This makes it a flexible and highly efficient system.

PRODUCT AREA:

- CHIPPING

PRODUCT:

- CHIPPING

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On the truck's driveshaft there is an additional split-box to take power from the truck's engine to the chipper.

Hydraulic system

The chipper features a complete hydraulic system with a load-sensing, variable pump for the chipper, proportional functions for the infeed, hydraulic valves for other cylinder functions and the chip tube turning motor, with flow-adapted on/off functions. The chip accelerator is powered by a hydrostatic pump, which enables the accelerator to run at a constant speed regardless of the engine's revolutions.

The system also features a load-sensing and variable pump for the crane, cabin and support legs. Oil coolers, with a hydraulic tank and return filter, are also included.

Control & electrical system

The chipper features a complete control system with truck engine operation from the crane cabin. The system includes monitoring, alarm and safety features, including water temperature, water level, oil pressure and charging as well as temperature, oil levels and filters for the hydraulics. Electronically monitored infeed load control provides the most effective high-capacity chipping.

Everything is controlled via a central Windows-based computer located in the driver's cabin. The system has a color touchscreen with instruments and control devices for all hydraulic functions. A set of push buttons for operating the chipper functions are located near the crane control levers.

Crane and cabin

There are a number of options available for specifying crane types. A conventional Z-crane with integrated support legs can be used, or else a forwarder crane with separate support legs. All cranes come with a wide range of grapple options.

TECH SPECIFICATION:

Product data sheet

Type	Value
Transport height (A) [mm]	4000
Length (B) [mm]	8200
Wheel base (C) [mm]	4300
Transport width (D)	2500
Width infeed table (E) [mm]	2100
Width infeed (E) [mm]	850
Weight complete unit approximately [metric ton]	22,5
Diameter chipper drum [mm]	800
Infeed opening W x H [mm]	850 x 720
Adjustable chip lenght [mm]	10-45
Max diameter, softwood [mm]	500

Max diameter, hardwood [mm]	400
Capacity [m ³ /h]	100-200
Suitable power truck (kW/hp)	390-478/530-650
Suitable crane, lifting moment & reach	100kNm-10m

Files:

[Product Data Sheet 806.2 PT Truck 2021 \(336.74 KB\)](#)

ACCESSORIES:

Optional Accessories:

Alternative Equipment

- Combination drum, full or half-length knives
- Drum with four-knives for micro-chips
- Knife settings and configurations for different conditions
- Chip screens available in various sizes
- Infeed table with a range of roller numbers and different table sides
- Chip tubes available in various sizes
- Chip deflectors, basic or dual
- Crane available in different brands and models
- Hydraulic oil available in different brands and qualities
- Customized paintwork

Accessories

- Tow bar
- Grapple available in different brands and models
- Automatic fire extinguishing system
- Foot pedal
- Reversing camera system
- Filling equipment for hydraulic oil
- Knife box
- LED work lights
- Radio remote control
- Remote dialling modem for easy troubleshooting
- Kits with knives, filters and wear parts
- Air intake with pre-cleaner

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- [Mobile Chipper 806.3 ST](#)
- [Mobile Chipper 806.3 STC](#)
- [Mobile Chipper 806.2 PTC Truck](#)
- [1006 Chipper](#)
- [Mobile Chipper 1006.2 ST](#)
- [Mobile Chipper 1006 PT Truck](#)
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