

MUS-MAX®

HACK-TRUCK



Hack-Truck High-tech mobile chopping machine

A pioneering concept.

**Simply unbeatable with regard to chopping output,
wood chip quality, cost-effectiveness and mobility.**

For the chopping machine types WT 9 XL, WT 10 XL and WT 11.



HACK-TRUCK: The innovative concept



As early as in the year 2004, Mus-Max and the company Lochner mounted the WT 9 wood chopping machine on a MAN truck. It was the first to be driven directly by the truck engine. The original truck diesel engine ensures optimum cost-efficiency and can be used for driving or chopping operation alternatively.

Power take-off NMV



The super powerful NMV drive is directly connected to the crankshaft of the engine.

It is suitable for continuous operation with a maximum engine torque and can be switched on or off in the cab. Power transmission to the power take-off is completely independent from the drive clutch.

NEW

- Blower hydraulic
- Speed infinitely variable
- High degree of mobility



Due to the small turning radius of the chopping trucks, it is very flexible to use on the site, and you can drive very quickly from one chopping site to the other. When you drive on, you can stay seated in the air-conditioned truck cab – this is really comfortable.

The greatest advantage of the truck is the vehicle speed of 80 km/h. The chopping truck is suitable for motorways and lets you get to your customers as quickly as possible. This saves you time – and time saves you money again.

Free all-round view and comfort for the driver

The sound-insulated XL cab is completely converted on the passenger side. The large safety glazing ensures a good view of the working area of the wood chopping machine and the stacked wood material. A specially raised ergonomic swivel seat with integrated joysticks

for crane operation in the armrests ensures extraordinary comfort and a comprehensive view for the operator. The control panel of the chopping machine was also adjusted ergonomically in such a way that accessibility is guaranteed in every seating position. The belt speed can be read off all the time, and the joystick can be used to adjust the ejection tower accurately.

It has a positive effect on the operator's health as well – due to less dust and noise. Furthermore the truck air-conditioning unit ensures agreeable working conditions in summer and in winter.



Crane cab height-adjustable

For specific customers who have to chop highly stacked timber, we offer the air-conditioned, height-adjustable crane cab. In addition to the ergonomic seat, this design offers the greatest and best all-round visibility for the operator.

For trucks, the small, cost-efficient M-cab can be used as well. This version is also an interesting alternative from a financial point of view.

WT 10: wood chopping machine with vertical conveyor device

This chopping machine has a vertical screw conveyor device for the vertical conveying of the wood chips. An amply dimensioned screw conveyor conveys the chopped material vertically upwards in a folding conveyor tube. A sophisticated system ensures that the wood chips find their way onto the conveyor belt in an unimpeded manner. There is a movable ejector flap at the end of this studded conveyor belt. The ejection range of the wood chips can be set with an adjustable belt speed and by means of the adjustable ejector flap. This vertical conveyor device works perfectly, and the wood chips are clean with very few fines. The chopping machine is very low-maintenance and all wearing plates and conveyor screws can be replaced quickly and easily.



The chopping machine WT 11 has a feed that is 1.14 m wide and "swallows" trees with a diameter of 75 cm. With the divisible screen and the intelligent hydraulic system, it can easily be adjusted for different wood chip qualities (G30, G50, G80). The new rotor can be equipped with robust chopping knives or replacement blades. The feed roller system plays in a league of itself with scrap wood as well.



The simple, low-maintenance, stable and safe design convinces every pro who wants to chop wood in an unimpeded manner.

Only the best timber cranes are mounted on the wood chopping truck. The range should be approx. 10 m and the working speed has to correspond to the chopping output of the chopping machine. The crane must be suitable for continuous operation and easy to maintain. Examples: Epsilon type M 110 L (R-9,7m), Epsilon type Q 170 L (R-10m), Penz type 14 L/HL (R-10m) or Cranap type FC 115 (R-10m) and others.



Different wood splitter types can be mounted on request. The splitters can be mounted on the wood chopping truck non-detachable or detachable.

Technical data	WT 9 XL	WT 10 XL	WT 11
Feed opening (w x h) cm	82 x 70	98 x 75	114 x 75
Tree diameter max. cm	70	75	75
Chopping output up to max. m ³ /hour	130	180	200
Chopping knives or blades pieces	10	12	14
Machine dimensions (l/w/h) approx. m	8.8/2.5/3.95	9/2.5/3.95	9.2/2.5/3.95
Chopping truck weight approx. t	26	27	28
Truck MAN type TGS HP	380-480	540	540
Mercedes type Actros HP	380-510	550	550

First-rate arguments

- Convincing mobility
- The simplest chopping machine NMV drive
- The best efficiency level of the truck engine directly to the chopping machine
- High degree of flexibility (80 km/h)
- Very easy to use / narrow curve radius
- A lot of comfort for the operator: less dust, less noise, good air-conditioning, optimum all-round visibility for the driver
- Top wood chips with few fines
- AD-Blue (Euro 5) – environmentally friendly according to new exhaust gas standard



All our equipment and machinery are constantly tested and further developed. Subject to technical alterations and output data changes without notice.
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