

# Just chip: one machine for everything!

## Chippertruck hybrid: the new self-propelled HEM 922 DQ

**Petershagen (ehe).** The Chippertruck hybrid is the flagship among the JENZ mobile chippers. Equipped with the most powerful dual engine technology and more than 1,100 hp system performance, the most powerful JENZ Chippertruck leaves nothing to be desired. The new HEM 922 is the successor to the previous HEM 821. The new chipper boasts many optimisations from the feed area to user-friendliness, making it even more flexible to use.

„The optimisations to the draw-in are particularly effective when processing bush cuttings“

„When people think of large chippers, they often think of huge wood piles in heating plants,“ explains Hans Heinrich Hermeier, product manager and junior manager at JENZ. „We know that our customers are often caught between maximum throughput in the heating plant and the greatest possible flexibility in the forest or on the road. This is precisely the point we have addressed with the new HEM 922 chipping unit, which has been specially built for the self-propelled chipper.“

### Optimised draw-in

Amongst other things, the new Chippertruck hybrid scores points with **increa-**

**sed intake height, now 900 mm and a noticeably more aggressive draw-in behaviour.** Many changes were made to the draw-in: table geometry and inclination of the draw-in table, draw-in speed, top and bottom roller geometry and position.

„Overall, the machine is now **easier to feed and chews better.** We call this effect 'drop and forget'. This means that the driver puts the material down ("drop") and can fetch new material more quickly,“ explains Hermeier, who is visibly proud of the new top model. In addition to easier feeding, the woodchip quality increases because the **material is fed to the drum in a more controlled manner.** „The changes made have a very positive effect, especially when chipping impact debris and pruning shrubs,“ summarises the product manager, who is himself an active test driver.

### Maintenance made easy

Maintenance accessibility has also been optimised: „We have focussed not only on the fully integrated tool concept, but also **on daily maintenance and cleaning** of the machine in a similar way to the single-engine Chippertruck.“ In detail this includes the professional tool concept with swivelling toolbox and many tool holders, and also various access ladders and storage space options for safe work on the machine among other things.

### Performance without end

The most powerful JENZ mobile chipper has a **system power of up to 1,100 hp** thanks to dual engine technology. The drive concept has been taken over from its predecessor, which impresses not only with unbridled power but also with simplicity. „The Caterpillar auxiliary engine has only one task: chipping! It passes on almost all of its torque of approx.

3500 Nm to the drum via a 10-groove drive belt. The complete machine hydraulics and the propulsion drive are supplied via the HGV engine. That means the CAT is only running when it is chipping, not otherwise,“ says Hermeier.



HEM 922 Videos:  
bush cuttings  
„drop and forget“  
agri tyres  
„stop and go“

**Agricultural tyres for even more off-road mobility**

The off-road mobility required in practice can be ensured by **single agricultural tyres on the drive axles**. This means that the self-propelled vehicle is now completely on single tyres. „The elimination of the dual tyres eliminates the need for cleaning when switching to road travel,

and the **self-cleaning agricultural tyres give the machine unimagined off-road capabilities**,” says a delighted Hans Heinrich Hermeier. „You won't believe it if you don't see it for yourself!”

**Licensing without special permit**

There have also been some changes in the area of licensing. „Even with a full tank

of 900 litres of diesel we are **below 32 t** and therefore **do not need a special permit**. With truck driving comfort and corresponding consumption and up to 80 km/h, the HEM 922 is therefore extremely flexible on the road.”

**Chippertruck or Chippertruck hybrid  
What is the difference?**

**Chippertruck**

**Chippertruck hybrid**

<b>Number of engines:</b>	1 engine	2 engines
<b>Chipper drive:</b>	via HGV engine	via separate Caterpillar auxiliary engine, Chipper hydraulics drive via HGV engine
<b>Performanc:</b>	510 hp	system power: 1,100 hp
<b>Available JENZ models:</b>	HEM 583, HEM 593	HEM 922 DQ
<b>Versions:</b>	with mower glazing (truck) or rotating driver's cab (Cobra)	

**HEM 922  
Where does the name come from?**

Successor to the HEM 821? HEM 922.  
The reason for this is the infeed height: the HEM 922 has a clear 900 mm



**CHIPPERTRUCK HYBRID  
2 ENGINES**

**CHIPPERTRUCK  
1 ENGINE**



# Chippertruck hybrid

## The new self-propelled HEM 922 DQ

### For even more off-road mobility

- Single agricultural tyres on the drive axles (optional)

### For high mobility

- Suitable for motorways up to 80 hp/h top speed

### For a quick screen change without tools with a crane

- Hydraulic opening of the screen cover for screen replacement without tools
- Screen tray hydraulically lockable on the engine compartment cover



Licensing without special permit

## Optimised draw-in

### ... for even more aggressive draw-in behaviour and improved chip quality

- Modified table geometry and inclination of infeed table
- Optimisation of the draw-in rollers and repositioning of the lower draw-in rollers
- Clear 900 mm draw-in height



**For the best working conditions**

- Premium easyLight lighting package for optimum illumination of the work area
- A cool head and protection from damage thanks to rooftop air conditioner and pipe cage

**Flexible discharge:**  
Overloading in every direction



**For extreme performance potential: 1,100 hp system power**

- **510 hp** drive power via HGV engine for driving the chipper hydraulics
- **+ 776 hp/3500 Nm** drive power through separate Caterpillar C18 auxiliary engine

*Auxiliary engine only runs when chipping and is thus spared !*


**JENZ HYBRIDSYSTEM**



**For even more support: Assistance systems**

- Practical assistance functions such as forward drive or setup assistants: ready to chip in less than 1 min.
- Innovative CFA and CFA 2 draw-in regulating systems for maximum wood chip quality\*
- Modern hardware with touch display and fast online error analyses



 **900 l diesel tank for long working days**

*By the way, for even more chipping time*  
All-round optimised cladding for less cleaning effort

**Ergonomic maintenance**

**... for daily servicing and cleaning**

- Safe access to all maintenance-relevant positions
- Professional tool system with swivel tool box, compressed air connection and various other holders and light, practically positioned directly at the rotor

