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A K T U E L L

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Information for customers and staff



### **Double the impact**

*Most powerful self-propelled  
Chippertruck hybrid*

### **Handling the machine correctly**

*Requirements for professional  
chipping work*

### **JENZ Webshop**

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### **100 years of JENZ - Part 3**

*The company's history  
from 1988 to the present day*



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## Imprint

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**Dear readers,**

The JENZ Aktuell in front of you today is in some respects a "historic" issue for us. For the first time since the publication of our customer magazine - and you are holding issue no. 69 in your hands - you are reading a foreword which was not written by my father.

He has now retired from the operational side of the business after more than 30 years. My brother Hans Heinrich Hermeier and I became responsible for this task as additional managing directors on 1st July this year. We already informed you extensively about our ideas for the future of the company in the last issue. In this context, the issues of sustainability and climate protection will continue to be the focus of our actions. We have been CO<sub>2</sub>-neutral since 2011 and will continue to be so.

The big political stage with the World Climate Conference in Glasgow shows how topical these issues are. The goal of limiting global warming to less than 2 degrees is unattainable without a drastic intensification of climate efforts in individual countries. This, and what ligneous biomass can contribute, was impressively demonstrated in the presentations during Austrian Biomass Day in September. In addition our forests must be capable of being used for cultivation in the future because our renewable energy, with its ability to provide a base load independent of the sun and wind, is far too important.

In our ongoing operations the greatest challenge we are currently facing is the tense situation on the procurement market. Whether electrical components, gearboxes, engines, trucks or steel parts -

there is almost no area in which we are not confronted with delivery postponements or drastic price increases on a daily basis. This means a lot of effort in terms of communication with our suppliers, production planning and last but not least with you - our customers, who may be urgently waiting for their new machine or important spare parts. Even the necessary price increases we have unfortunately had to implement after careful consideration as a result of the situation described above are, of course, not exactly making us jump for joy. And of course we are continuously keeping a close eye on the sales market situation.

So as you can see, dear readers, we are heading into the future accompanied by some exciting issues. But now 2021 is drawing to a close. On behalf of the entire JENZ team, I would like to thank you for the excellent cooperation over the past year and wish you and your families a Merry Christmas and a good start to 2022.

Your

*E. Noll*







# DOUBLE THE IMPACT



**Area Sales Manager**

**Sören Stutz**

**on the most powerful self-propelled JENZ Chippertruck hybrid**

Petershagen (ghm). JENZ's new development of the HEM 922 DQ chipping unit combines the advantages of the previous HEM 821 DQ and HEM 841 DQ in one machine. To simplify matters, the machine will be marketed under the name "Chippertruck hybrid" in future. The range includes the familiar two cab versions with mower glazing and as a Cobra (rotating cab). Sören Stutz, Area Sales Manager for sales region Eastern Germany, has sold two machines of this size in his area in recent months. JENZ Aktuell wanted to know from him why the power packs are so well received and what experience he has gained with them.

**JENZ Aktuell (JA):** Mr. Stutz, two JENZ large chippers in the sales region Eastern Germany within the last few months - a remarkable achievement! It takes quite a bit of material to properly and, above all, permanently exploit such powerhouses. How do you think it is possible to consistently use a hybrid machine economically?

**Sören Stutz (SST):** Unlike the previous Chippertruck hybrid HEM 821, the new HEM 922 has a genuine 900 mm draw-in height. That alone makes this machine

enormously flexible in terms of job handling. And that's with everything from forest applications in shrub cuttings or soft logs to the processing of dense, heavy hardwood and industrial timber. The latter in particular is either processed for material use (e.g. the paper and pulp industry) or is intended for energy use. And the powerful self-propelled machine scores with its productivity precisely in this segment. After all, throughputs of up to 500 m<sup>3</sup> per hour are possible. In general, the motto is: get a lot done in a little time!

**JA:** The high throughput of 500m<sup>3</sup> per hour is above average. Critics might claim that further development of the professional chipper was merely about mass instead of class. But what about the quality of the woodchips produced?

**SST:** In my area in particular the machines are used for the production of coarse woodchips, and always with the requirement that a low fines content is produced in the process. The D1 rotor, in this case with a size 38 pre-grip, produces high-quality woodchips. Linked to this, a slatted screen basket prevents the formation of excess lengths and ensures that the

material flows off quickly thanks to its large screening surface. The hydraulic blower does the rest.

**JA:** Hybrid machines are faced with the challenge of meeting many different requirements. They are supposed to offer enormous performance potential, be low-maintenance and manoeuvrable at the same time, and all this with low fuel consumption. How does the most powerful self-propelled vehicle manage to combine all this?

**SST:** The driving force is the add-on motor. We used a Caterpillar C18 with an output of 812 hp with emission



**level V** to power the chipper by itself - without AdBlue, by the way. This also means that the motor is spared when it is not chipping, e.g. during transport. In addition, the **32-tonne chipper** surprises users with its enormous manoeuvrability thanks to the **MAN 8x4-4** carrier vehicle, so that even operations away from the industry are not a problem. Those who need even more flexibility can also switch to **AGRO tyres**.

Away from industry the fuel tank offers the option for long working days without refuelling with a capacity of about 900 litres. During chipping we are then well below **0.3 litres fuel consumption per cubic metre with both engines**. Of course, only if the wood is well-positioned (laughs).

**JA: You yourself have been a chipper driver and now view the machines from a completely different angle. What is there to highlight from the operator's point of view?**

**SST:** Definitely the **screen basket and knives change!** Unlike other chippers, we can quickly and easily change the screen basket with the machine's own crane, depending on the application, thanks to

the screen basket storage on the engine housing roof. Especially in industrial applications, you notice again and again how important changing the knives quickly and easily is. The steps up to the rotor housing have been optimised and the whole process takes about a quarter of an hour thanks to the professional tool system: from carrying up the

practical knife pockets, to opening the swivel tool box and replacing the knives.

As a driver, the **cabin** is also of course crucial. However, subjective feelings also play a major role here because each cabin offers its own advantages. The driver gets more space and storage in the cab with mower glazing. The Cobra cab, on the other hand, provides a different sense of space because the windows are open all around and thus of course offer a better view of the working area. But it is also a little more expensive.

**JA: Whether Chippertruck hybrid with mowing glass or Cobra cab, impressive and powerful are probably the keywords that characterise both models well. How would you describe the most powerful JENZ self-propelled machines in one sentence?**

**SST:** Both machines are absolutely employer-friendly! (laughs) With the high impact both hybrid machines deliver there is simply no time for a break.

*The interview was carried out by Gesa Hammon*

#### Flexible and manoeuvrable:

The 4-axle chassis in the 8x4-4 version also enables operations away from industry. An optional single agricultural tyre on the drive axles results in even more freedom off-road.

## brief facts

### Performance

Hardwood (in cm)	60
Softwood (in cm)	80
Production, up to:	450 m³/h

### Draw-in opening

Draw-in width (mm)	1200
Draw-in height (mm)	900

### Grinding unit

Drum diameter (in mm)	1.040
Drum construction	D1
Type of installed knives	6 knives, regrindable
Pre-grip distance	30 mm (other pre-grip settings by using wedges)

### Material discharge system

Hydraulic outfeed incl. Professional package wear plates (armored)

### Weight

Standard version	ca. 32.000 kg
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### Hybrid technology

#### Truck

Engine	Diesel engine MAN Euro 6d
Power	375 kW (510 HP)

#### Add-on engine

Engine	Caterpillar C18 EU stage V
Power	597 kW (812 HP)

### Control-function

- ✓ easy2
- ✓ Setup assistant
- ✓ Draw-in regulating systems CFA & CFA2
- ✓ Camera system
- ✓ Premium light package easyLight

### Care and maintenance

- ✓ Professional tool system
- ✓ Additional storage
- ✓ Hose retractor for compressed air
- ✓ Centralized automatic lubrication system







# Handling the machine correctly

## Requirements for professional chipping work

Petershagen (ghm). The shortage of skilled workers is also omnipresent in the forestry sector, and at the same time the pressure is increasing for companies to use woodchippers economically and efficiently. All the more reason for woodchip producers to concentrate on fully utilising the potential of their machinery. Because only those who understand the effect of the individual machine parameters can ultimately achieve the required woodchip quality.

„Producing quality woodchips is all about the right machine setup,“ explains JENZ product manager Dominik Meden. How this should look depends on which material is to be processed taking into account the required woodchip quality. „A good chipping is the result of the right interplay between infeed speed, drum speed and defined pre-grip,“ explained the Product Manager. The most important requirements for this are sharp knives which are correctly adjusted to the counterknife and regular replacement of blunt knives, even during chipping operations. Changing cutters and blades is quick and easy thanks to the toolbox located directly on the rotor and also additional storage space, which means waiting times during chipping work in the forest can be used productively. The product manager is also keen to point out an essential feature regarding installation of new chipping blades: „The optimum distance to the counterknife is decisive in order to produce consistently high-quality material. Because it's the clean cut that produces the quality.



**What really counts  
in a chipper driver's  
day-to-day work:**

*Smooth knife change thanks to swivelling tool box. This necessary cleaning and maintenance tool is located directly on the rotor.*





**Additional  
screen basket:**

*A screen basket holder at the rear enables the transport of an additional screen basket. The change is carried out by the driver using a crane and offers more flexibility during order.*

„The chipping size, on the other hand, is defined by the pre-grip, not by the screen basket.“ In the chipping process the screen

**„The machine has  
to offer simple  
solutions“**

basket actually only has the important task of avoiding overlengths. However, a correctly-selected screen basket also makes itself conspicuous in lower fuel consumption. This is logical because the easier the chippings can flow off, the more economical the machine can work. In addition, smart systems and smartphone-like controls help compensate for the shortage of skilled workers. „In other words, the machine has to offer simple solutions which correspond to the everyday problems of a chipper driver,“ said the 33-year-old manager. This starts with quick readiness for use of the machine and ends with self-regulation of the relevant machine settings. „For example, it is possible for the machine to produce the first chip only a few seconds after reaching the chipping area,“ Mr Meden emphasised. That's not just good for the driver, but also improves the machine efficiency thanks to optimised/shorter setup times. The infeed speed also has a massive effect on the end product depending on the material to be processed. „During shrub cutting and light wood applications the CFA system takes over selection of the correct infeed speed, and thus relieves the driver,“ explained Mr Meden. This is because the infeed speed in this system is regulated by the rotor speed with the aim of achieving optimum wood chip quality. It is adjusted in such a way that

reversing is avoided, but the pre-grip still remains almost constant. As the rotor speed drops, the infeed speed

decreases and, ideally, the motor can permanently maintain its maximum torque. Unnecessary reversing or stopping of the infeed at the expense of the drive motor can virtually be avoided, which leads to a uniformly high and machine-friendly utilisation.

Those who have a lot of logs to process will benefit from the CFA2 system extension. This is because the infeed speed is not only controlled by the rotor speed, but also by the opening of the top roller. Dominik Meden made it clear: „The machine effectively recognises what is coming into it. It can react in time to avoid running at full intake speed on 60 cm beech logs, for example. „In combination with this, care should be taken to ensure a low drum and blower speed when processing logs, otherwise a higher fines content would result. To sum up, the product manager referred to feeling the machine: "Machine and driver must become one - this is the only way to meet the different requirements in the forestry sector, always react flexibly to orders and keep skilled workers. At the end of the day, that's what makes a company profitable.“

**„Machine and driver  
must become one“**



**Whether  
setup assistants  
or feed control systems:**

*Smart systems and smartphone-like control take the strain off the driver and improve chipping quality.*

# Original wear parts - order online

## New JENZ Webshop online



Scan QR code or go directly to  
**jenz-shop.de/en**

Anyone who requires wear parts usually wants to do this quickly and easily. This is precisely what is now possible via the new JENZ Webshop. We will summarise the three most important steps for you and answer frequently asked questions.

### 1. Select wear parts:

Choose the parts you are interested in and put them into the enquiry shopping cart

### 2. Add contact details

Add your personal contact details. Important is to choose your country.

### 3. Send enquiry and enjoy advantages of the JENZ Webshop:

- ✓ all wear parts at a glance
- ✓ ordering around the clock
- ✓ overview about alternative articles
- ✓ easier identification of the right part due to helpful navigation
- ✓ reduction of wrong orders due to precise article information (description, pictures)

### What is available in the JENZ Webshop?

- All common **wear parts** for JENZ woodchippers and biomass processors.
- This means we can offer you the fastest purchasing options for keeping your machine in good, competitive condition

### How can I find the right parts for my machine?

#### ➤ Do you already know exactly which part you need?

Then use the article search in the menu bar and search for a specific keyword or the required JENZ article number.

#### A tip:

- Please also consider the extensive range of alternatives to the item you actually want, e.g. other screen baskets or blades. There is real potential for optimisation here.

#### ➤ Not sure of the exact designation or item no.?

Then our navigation system will help you in just a few steps:

**Step 1:** Choose between chipper (HEM) and biomass processor (BA)

**Step 2:** Select your machine type (e.g. HEM 583)

**Step 3:** Identify the part you are looking for directly or use the filter with further subcategories (e.g. screen baskets) on the left-hand navigation bar

### Who will receive my order request or who can help me with questions?

- Your enquiry will be sent directly to your authorised JENZ dealer, who will prepare the quotation for you and help you with any questions you may have

- You can find the contact details for your personal JENZ dealer on our website at [www.jenz.de/en/contact/sales/](http://www.jenz.de/en/contact/sales/)



# 100 years of JENZ

## Part 3: 1988 – up to the present day

### The recycling of green waste and the increasing thermal use of ligneous biomasses determine development until the company's 100th anniversary



#### New waste law leads to first mobile JENZ waste shredder

After initial difficulties in converting a stationary wood chipper into a mobile waste shredder with PTO drive towards the end of 1986, the JENZ company designs a completely new machine. The background to the new deve-

lopment is the Waste Act, which came into force in 1986 and provides for the separate disposal of different types of waste. Composting is now widely used as a method of biological recycling for separately-collected green waste. The intention is to turn separated garden and green waste into valuable humus. In this particular case it is the town of Rahden which is setting up a new composting site, and finds the appropriate partner for the development of a shredding machine in JENZ. In April of the following year, 1987, the new development, based on the system of a hammer mill with free-swinging tools, shows signs of success. It is the birth of the first mobile PTO-driven waste shredder, the AZ 30-80Z.



#### The trend towards recycling: A new market is emerging

When Uwe Hempen-Hermeier joins the sales team in May 1987, the company specialises in machines for shredding biomass. The graduate economist sees enormous growth potential for the JENZ brand as a result of the trend towards recycling brought

about by the Waste Act. And so, after a short time, the AZ30-80Z is further developed into the AZ 30-100D with a wider draw-in and an add-on diesel engine. This provides a noticeable increase in performance from now on. The AZ 30-100 is also what opens the door to the new market and at the same time increases sales and staff numbers.

### *At the same time...*

When the first green associations were formed at the end of the 1970s they were largely made up of members of the anti-nuclear groups. This became the "Die Grünen" (The Greens) federal party in 1980. Only three years later the party enters the Bundestag (German Parliament) for the first time and, with Joschka Fischer, provides the first Green Minister for the Environment in Hesse in 1985. Probably the greatest environmental disaster in history occurs in April 1986. A meltdown occurs at the Chernobyl nuclear power plant in Ukraine. The result is that radioactive substances enter the earth's atmosphere and contaminate not only the region around Chernobyl but also many countries in Europe in the form of radioactive fallout.

...



*Uwe Hempen-Hermeier changes the orientation of the company in the mid-1980s. From now on, JENZ concentrates on the mobile waste shredder market for separately collected garden and green waste. The photo shows it being put to the test.*

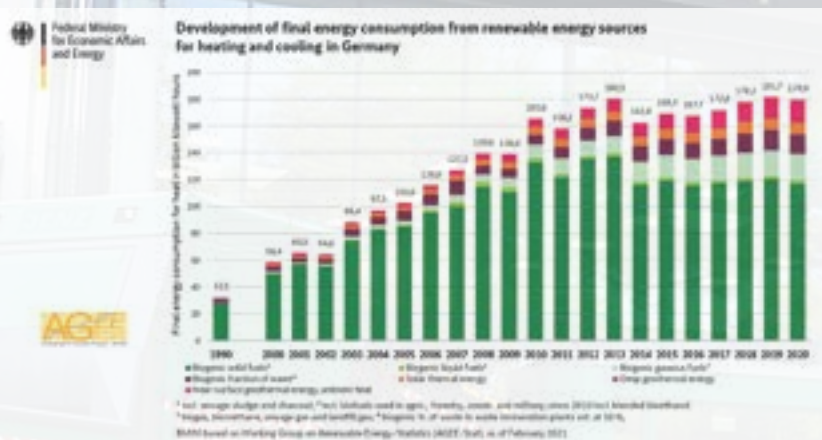




# 1997



...





2001

2005

2009

2015

2021

design of the large chipper was not convincing and so the first JENZ hybrid Chippertruck, the HEM 820 DQ with a wider intake and a total output of over 800 hp, follows at Agritechnica 2009.

### On the route to being a sustainably Co2-neutral company in balance sheet terms

As early as 2001, JENZ installs a biomass heating system with an output of 320 kW on the company premises in Wegholm, thereby reducing CO<sub>2</sub> emissions by 108,000 kg. The first photovoltaic system, which is continuously expanded until 2012, is added in 2008. From this point on the company is CO<sub>2</sub>-neutral in balance sheet terms. More electricity is generated from the sun than is consumed in production. The surface centre is commissioned in 2015, with the result that energy demand continues to rise. The installation of a further solar plant and the purchase of green electricity to cover demand ensure that the business still operates sustainably with a 100% CO<sub>2</sub> balance.



### 100-year company anniversary heralds the third generation change

Just as the federal government announces the second hard Corona Lockdown, the JENZ company celebrates its 100th anniversary on 6 January 2021. In the summer of the anniversary year, the company's advisory board appoints Elisabeth Holland and Hans Heinrich Hermeier as additional managing directors of JENZ GmbH as of 1 July. At the same time, Uwe Hempten-Hermeier retires from operational business after more than 34 years.



### The future...

In addition to the effects of the Corona crisis, the topic of climate protection is becoming one of the defining social issues of the present. For JENZ, this is associated with hopes for an increase in demand in the ligneous biomass sector. At the same time, existing drive concepts must be examined for their future viability.

Recognising trends was and still is one of the strengths of the JENZ family business. The next generation will continue to face these challenges in order to lead the company successfully into the future.

### Building developments at the headquarters and sales location in Austria

In Kasten, Lower Austria, the Goldnagl family completes and ceremoniously inaugurates the new representative headquarters of JENZ Österreich GmbH in 2015. In 2016, construction of a reception building begins at the company headquarters in Petershagen. Completion is delayed until 2018 due to a serious fire.





Date	Trade fair	Location	Company
JENZ trade fair dates 2021/2022			
<b>December 2021</b>			
14.12.2021 – 16.12.2021	Salon des ETA	Tours (France)	Noremat
<b>April 2022</b>			
03.04.2022 – 07.04.2022	Silva Regina	Brünn (Czech Rep. )	Karlow Karlshof
<b>May 2022</b>			
30.05.2022 – 03.06.2022	IFAT	Munich (Germany)	JENZ
30.05.2022 – 03.06.2022	10. VDMA-Praxistage Aufbereitungstechnik	Munich (Germany)	JENZ



**Agritechnica has been postponed to February/March 2022.** JENZ will not be represented as an exhibitor at Agritechnica 2022 in Hanover. An in-house exhibition to

mark the company's 100th anniversary in April/May 2022 is being planned instead.

*As of November 2021. Information without liability.*

## Obituary: Resi Hermeier



We mourn the loss of our senior boss and daughter of founder Hans Jenz, Maria Therese Hermeier, née Jenz, who fell asleep peacefully on Thursday, 14.10.2021 at the age of 89. Resi Hermeier, as the main owner in the second generation, has shaped and helped run our family business for many years.

During her active period until 1990 she was instrumental in the introduction of electronic data processing in the area of accounting and personnel.

After a serious illness with permanent physical disability in 1990, she continued to follow the development of the company with great interest and dedicated herself above all to the cohesion of the shareholder family.

We mourn the loss of a strong, exceptionally self-confident personality and a respected and esteemed person.

## brief +++ news in brief +++ news in brief

### New JENZ corporate film

Befitting the 100th anniversary of the company as well as the change of generations, our new company film gives an insight into the JENZ family business - what do we produce? What do we place particular emphasis on? What does sustainability mean to us? The new JENZ film answers all these questions. You can find the film on YouTube or scan the QR code directly.



### Change in sales management

Until further notice, Hans Heinrich Hermeier will take on the role of sales manager, succeeding Christian Klüppel. "After more than 10 years, Christian Klüppel has decided to leave the JENZ company for personal reasons. We would like to thank Mr Klüppel for his excellent cooperation over the past years," says Hans Heinrich Hermeier, who is also the managing partner of JENZ GmbH. Hartmut Schneckener remains in office as deputy sales manager.

# Driving JENZ: Soon starting with 150 HP

## coming soon

