

AKTUFII

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Impressum

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Dear readers,

last December the German Chancellor said, "This winter will be long and hard". And that's how it turned out, but now we are in March and winter should now be slowly coming to an end. Despite this the topic of "corona" is still in the spotlight and is influencing the general mood in our society.

The current situation also affected 06 January, the day our company turned 100 years old. Interestingly, the weather and temperature in 1921 were similar to this year and a pandemic, the Spanish flu, was still raging and killing more than 50 million people. But just as Hans Jenz had the courage back then to found his "start up" (a village smithy) out in the then still very inhospitable north of the Minden countryside, we should now be developing the confidence that the tide will turn over the coming months. Rapid tests and, soon, vaccine are sufficiently available, and it seems to be dawning on the political leadership that after the correct, cautious action taken last year, more pragmatism, confidence and more personal responsibility are now urgently needed.

This emerging change of heart is making us optimistic. We believe there will be a sweeping change in the situation towards the summer and would love to celebrate our 100th birthday in October in such a way that everything is no longer dictated by hygiene concepts.



But there are other reasons to look at the future with a little controlled confidence - but without euphoria. The effects of the "New Green Deal" presented by Ursula von der Leyen are now being felt in the promotion of woodchip heating systems. Demand has picked up accordingly, and this will surely translate into more business for our customers and then for our industry in the future.

Mobile chippers will continue to be interesting machines. That is why the report on the new Chippertruck hybrid HEM 922 DQ, our most powerful self-propelled mobile chipper, is one of the focal points over the next few pages. In addition to other interesting topics we also report from the founding days of our company, which, as I said, show amazing parallels to today.

It's not worth getting upset - after all, everything in human history has happened before. With this in mind I hope you enjoy reading, and I hope you stay healthy and confident,

Your





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 increased 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.

JENZ AKTUELL No. 67 HEM 922

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

Number of engines: 1 engine 2 engines

Chipper drive: via HGV engine via separate Caterpillar auxiliary engine,

Chipper hydraulics drive via HGV engine

Performanc: 510 hp system power: 1,100 hp

Available JENZ models: HEM 583, HEM 593 HEM 922 DQ

Versions: 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

Chrippertruck hybrid The new self-propelled HEM 922 DQ



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 rollere
- Clear 900 mm draw-in height





JENZ AKTUELL No. 67 HEM 922

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



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









Flexible discharge:

Overloading in every direction



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







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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



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







Next Level Shredding - BA 916 D

Practical experience with the green waste specialist

Petershagen (ghm). Technically mature and perfectly adapted to the operator - this is how the new BA 916 D biomass processor presented itself in spring 2020. Now the first machines are on the market, as are the associated initial usage experiences. These show that the BA 916 not only scores points in terms of user-friendliness, but that the enormously improved draw-in behaviour is even more noticeable to customers. JENZ Aktuell asked how the green waste specialist is doing in practice.

We interviewed 3 of our customers



JCB





brief facts

Performance potential

Throughput up to approx. (in lcm)
Garden waste 280
Bark 280
Waste wood 170

Main drive

Standard diesel motor Mercedes Benz, OM 471 LA Drive power kw/hp 390/530

Places of operation

- composting plants
- · biogas plants
- horticultural landscaping and nursery businesses
- recycling centres

Material

- garden cuttings and garden waste for composting and biomass processing
- manure, silage and sugar beet for biogas plants
- bush & tree roots
- raw bark for the production of bark mulch

The advantages of the BA 916 - your top 3:



Umweltpartner Vogel AG | Driver Josef Walter

- 1. Simple operation and good maintenance accessibility
- 2. A lot of power with simultaneous low noise
- Perfect draw-in behaviour
 ("I have tested almost all manufacturers unbeatable by a long way")

OAR Humus- und Erdenwerk | Technical Operations Manager Stefan Paustian

- 1. Engine fuel consumption we are thrilled
- 2. The setup assistant helps the driver not to forget anything so that they are quickly ready to work
- 3. We would not want to do without the swivelling toolbox





Hausschild Kommunal- und Landtechnik GmbH & Co. KG | Junior Manager Miklas Hauschild

- 1. Handling good, intuitive and quick to learn
- 2. The engine performance and the slightly reduced diesel consumption compared with our predecessor
- 3. Quickly ready for use thanks to the setup assistant

THE CONTROL SYSTEM

Umweltpartner Vogel AG Driver Josef Walter

➤ The control system is very well thoughtout because operation is simple and logical. The accompanying new easy2CONNECT radio remote control has all the necessary functions as well as a long range. Special advantage: the charging station on the machine. The display is a little too small for the older generations, though. 《

OAR Humus- und Erdenwerk Techn. Operations Manager Stefan Paustian

Hausschild Kommunal- und Landtechnik GmbH & Co. KG Miklas Hauschild

➤ I consider the easy2 control panel to be very intuitive and easy to understand. It has good setting options, especially for roller and draw-in speed. We have not yet used the option of remote maintenance or online diagnosis, but it is reassuring to have this function. 《

ASSISTANCE SYSTEMS

Setup/dismantling assistant Josef Walter

>> The setup/dismantling assistant achieves rapid readiness for use. I think it's an ingenious solution and the machine is ready to go in just a few minutes. The function is a boon, especially for daily maintenance. <<

<u>Operator Info System</u> Stefan Paustian

➤ We liked the active status feedback via the LED flashing lights on the roof right from the start. This means the machine communicates directly with the driver during operation. Our driver quickly got used to the status messages and no longer wants to work without them. 《

GFA draw-in regulating system Miklas Hauschild

➤ The system for the GFA draw-in regulating system is used almost continuously. An absolute advantage during daily work because we only have to make a few adjustments by remote control. The system ensures excellent draw-in behaviour all by itself. 《

SUMMARY

<u>Umweltpartner Vogel AG</u> <u>Two generations –</u> Birgit and Franz Vogel

➤ We are very satisfied with the shredder, its performance and the service from JENZ. We are also convinced that the machine, which is named after the driver, "Josef I." is an all-round carefree package for us. Our driver praised the draw-in behaviour in particular and what counts for us is that the output material meets the precise composting requirements. «

OAR Humus- und Erdenwerk techn. Operations Manager Stefan Paustian

➤ The fact that, thanks to the IPS system, the machine opens everything and runs backwards when a stone or some iron is hit has saved us from major damage on several occasions. The throughput is fine and what is particularly relevant for us is that the output material is nice and even and we only have a few overlengths. We are always able to produce the right material thanks to various adjustment options. <

Hauschild Kommunal- und Landtechnik GmbH & Co. KG Miklas Hauschild

➤ The draw-in behaviour has improved significantly compared to our predecessor BA 725 DL. Especially with green waste, the fast roller and draw-in speed combined with the adjustable roller pressure ensures an aggressive draw-in which works very well even with unwieldy material. Output material is easily regulated thanks to appropriate draw-in speed settings and switching between eco and power modes. 《







View of the company premises in Petershagen Wegholm, then and now. Jenz was constantly supplied with iron thanks to the direct connection to the district railway (today a cycle path).



Johannes "Hans" Jenz

Johannes Jenz, "Hans Jenz" for short, is born in Minden in 1895 and grows up with foster parents after the early death of his own parents. From an early age he pursues a desire to learn the trade of blacksmith like his father. During his service in the army in the First World War (1914-1918), he learns to shoe hooves and then gains experience with several companies in the area. He successfully passes the master craftsman's examination on 10 December 1920.

Founding on 06 January 1921

At the end of 1920, Hans Jenz buys a 2,500 m² site in Friedewalde-Wegholm from money saved for him by his foster

At the same time...

At the beginning of 1921 the First World War ended only 2 years ago and the third wave of Spanish flu, which kills 50 million people worldwide, is running its course. Germany is in the early stages of the Weimar Republic, which is shaped by the consequences of World War 1 (political unrest and high unemployment).

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JENZ AKTUELL No. 67 1921 - 1955

1921 1927

parents, builds a workshop and later a house. The foundation stone for today's company is laid: on 06 January 1921 he establishes his own forge with an apprentice.

The main reason for the location is the railway station immediately opposite, which is the terminus of the railway line leading to Minden. This ensures constant delivery of iron.

The range of products initially includes the shoeing customary for blacksmiths as well as trade in iron and bicycles.



First agricultural equipment on offer

Harrows, ploughs, cultivators - Hans Jenz quickly expands his range to include smaller agricultural products. The company develops well and the number of employees also increases. The range grows to include iron-tyred farm wagons and carriages.

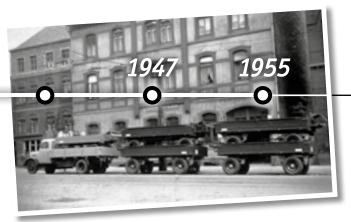
On 25 July 1924 Hans Jenz marries Marie Borgmann, who comes from the neighbouring farm. Over the next few years, as is not unusual for a start-up, there are also difficult times to get through. But "necessity bonds us together" and from 1927 onwards times improve noticeably. This also applies to personal life. Daughter Maria Therese ("Resi" for short) is born in 1932. She supports her mother in bookkeeping even as a little girl. According to family legend, the phrase "payment gratefully received" was the first thing she could write. Their second daughter Johanna ("Hanna" for short), who later becomes a teacher, is born in the middle of the war in November 1942.

At the same time...

Germany is in the brief economic heyday of the Weimar Republic with Friedrich Ebert and Gustav Stresemann, which ends in 1929 with the Great Depression. This is followed in 1933 by the 1000-year Reich, which fortunately lasts only 12 years and ends with total and complete defeat after the Second World War.



1921 - 1955 JENZ AKTUELL No. 67



1987 **2021**

From a farm truck with pneumatic tyres to an agricultural tipper truck.

A sales representative gives Hans Jenz the idea of manufacturing farm wagons with pneumatic tyres. With success, because this type of farm wagon

does not exist in the region. Jenz uses ball-bearing slewing rings for the drawbar and builds one of the first agricultural tippers in Germany. Demand increases during the thirties and forties and the number of farm wagons produced increases. In addition to trailers for agriculture, the family business now also starts producing trailers for road transport.

At the same time...

After the war the "wolf era" (Harald Jähner), begins - the period between 1945 and 1949 is the time of the "rubble women", black market traders and returnees, which finally leads to the founding of the Federal Republic of Germany in 1949. In the 1950s, the economic miracle begins under Konrad Adenauer and, from the football fan's point of view, the moral foundation of the Federal Republic is sealed by winning the 1954 World Cup.

• • •

First rack-and-pinion tipper receives DLG award

In 1947 the first agricultural rack-and-pinion tipper follows, which receives an award from the German Agricultural Society (DLG). In order to attract more customers, Jenz is increasingly exhibiting its products at regional trade fairs.



The course is set for the 1st generation change

The year 1954 is particularly important for the company's history: Hans Jenz travels to the DLG trade fair in Cologne together with his daughter Resi to present his trailers there. Among the visitors to the JENZ stand is mechanical engineer Wilhelm Hermeier. This was a visit with far-reaching consequences: just a few months later, Wilhelm and Resi get engaged and the native of Lipperland moves to Wegholm. The course is set for the 1st generation change ...

... In the next JENZ Aktuell we will continue with the 2nd part of the JENZ story from 1955 - 1987.





The entrepreneur's family: Hans and Marie Jenz together with their daughters Resi (right) and Hanna (2nd from left).

JENZ used machines in practical use JENZ customers report on their experiences

Part 1 - First class straight from the manufacturer: JENZ maintenance categories ensure greater transparency when buying

Part 2 - Important criteria when buying used machinery - what to look out for when buying used machinery

Part 3 - Used machines in practical operation: JENZ customers report on their experiences



Petershagen (ghm). In the first part of our JENZ used machines mini-series you learned that JENZ maintenance categories provide more transparency when buying used machines. The last issue explained which criteria help you better assess the con-

dition of second-hand machinery. In the third and final part we would like to introduce you to three customers who will happily to share their experiences of buying used machinery with you.







COMPANY	Philipp Weber Lohnbetrieb Switzerland	Berkmann Hackschnitzel Austria	Mark Lindhorst Lohnunter- nehmen, Germany
Founded	2011	2008	1999
Services	chipping as subcontractor	chippings production for pri- vate customers and industrial heating plants, chippings trade, purchase of roundwood	woodchip production for private customers, contracting compa- nies, gardening and landscaping
Used machine	HEM 583 Z	HEM 583 R Cobra	BA 725 DL
Year of manufacture	2016	2017	2015
Purchased	summer 2020 with approx. ca 6.100 h	May 2020 with app <mark>rox. 2.7</mark> 00 h	July 2020 with approx. 3.000 h
Operating hours since purchase	150 h	400 h	380 h
Is a used machine a good alternative to a new machine?	I have too little usage for a new machine.	ථ	3
Buying used machinery - repeat offender?	3	3	For starters, yes, but otherwise it's better to buy a new machine.



YOUR OPINION:

Machine handover • commissioning • training course

Mr Weber: "We took the opportunity to personally inspect the used machine at JENZ in Petershagen. After a short briefing we were given a live demonstration of the machine in use in the chipping arena. This helped us to assess the performance of the machine better. The site visit was a success for us from all points of view despite the long journey. Not only were we able to inspect the machine live in operation, but at the same time we gained an impression of the JENZ company.

Together this gave me a safe feeling when buying the machine. The machine was then handed over at the JENZ South-West warehouse combined with the attachment to our tractor and a trial run."

Mr Berkmann: "In our case, JENZ Austria took care of the machine transfer and the machine handover and it all worked perfectly. As we had no previous experience with JENZ chippers we were given a very comprehensive training

course. This meant that commissioning the chipper was straightforward."

Mr Lindhorst: "We were able to inspect the machine while in use by the previous owner. The professional instruction by the JENZ fitter went flawlessly and we were ready to get on with our first jobs straight away."

Preparation • condition • maintenance

Mr Weber: "During our visit to JENZ we were able to inspect the machine in detail and, on the basis of its condition, specify the reprocessing stage together with JENZ. We decided to do some additional service work in addition to treatment level 1. These mainly affect machine safety and also influence the quality of the chipped material."

Mr Berkmann: "The truck itself was in very good condition when we bought it. In the case of the chipper, however, we opted for extensive preparation by JENZ Austria. The reason for this is that maintenance of Jenz machines is very uncomplicated, as almost all wear parts are replaceable. Add to that a few small upgrades and all in all we got a really awesome and reliable machine."

Mr Lindhorst: "We already knew the condition of the machine from the inspection on the previous owner's premises. Even though it's our entry-level machine we still decided to get a little "lift" from JENZ Service."

MOTIVES FOR A USED MACHINE PURCHASE



Philipp Weber

>> Previously I worked with a JENZ HEM 560 Z. The technical standard of this machine is very up to date. With its larger infeed the HEM 583 Z not only offers me more power, but also better woodchip quality with lower fuel consumption!

Otto Berkmann

Main reason: precisely this secondhand machine received a new HGV engine immediately before purchase, and by extensively reconditioning the chipper we ended up with a machine that is almost as good as new. Plus point: the machine was available immediately.





Mark Lindhorst

>>> We are very familiar with JENZ chippers because woodchip production has been part of our services for a long time. In order to gain a foothold in the field of biomass processing as well we decided to buy a used shredder as an entry-level machine. <

Dute	made ran	Location	company		
JENZ trade fair dates 2021					
June 2021					
16.06.2021 - 18.06.2021	FOREXPO	Mimizan - France	Noremat		
30.06.2021 - 03.07.2021	KWF Conference	Schwarzenborn / Hessen - Germany	JENZ		

Trade fair

As of March 2021. Information without liability.

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

First virtual trade fair participation

For the first time, the Austrian **Humus Days** took place as an online event this year. Together with JENZ Austria we took the opportunity to present ourselves virtually at the two-day event. In addition to a wide range of specialist presentations there was also personal exchange via live chat. With success: almost 500 participants took part in the exchange of knowledge on humus formation and regenerative agriculture this January.

JENZ has completed its 4,000th machine

We are presenting the news about the new Chippertruck hybrid on the first few pages of this issue. The first machine of this type also marks the completion of our 4,000th machine. With more than 1,100 hp it is probably the most powerful anniversary machine in JENZ history.





OWL Future Prize for Crafts

Great honour for many years of commitment in the social sector: at the end of last year JENZ was awarded the Future Prize in the category "Special Commitment" in training, awarded by the East Westphalia-Lippe Future Prize Crafts Foundation. The Future Prize is awarded annually and this year's version was entitled "Securing young talent in vocational training".

Social commitment is a matter of course at JENZ GmbH - we support numerous projects, schools and associations in the region. This above-average commitment to vocational training and securing young talent was enough to convince the jury.

NEW: JENZ Newsletter

Would you like to receive JENZ information even more regularly and no longer miss any product and company information? In that case we have something for

you: the new JENZ newsletter informs you regularly about the most important JENZ news by e-mail.

You can register easily by sending an e-mail to marketing@jenz.de.

