



GRIMME

GRIMME Technica

For the 9th time: The special exhibition for customers
and sales partners at Damme (Germany)

December 3th to 6th
daily from 9.00 a.m. to 4.30 p.m.

2024

20 Years
GRIMME Technica



20 years of GRIMME Technica



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In November 2004, the first GRIMME Technica was held at the main plant in Damme, using an ambiguous German play on words: "Die GRIMME Technica hat was auf Lager", which means: **"We've got what it takes – we now also offer handling equipment for your business"**. In the past, as today, the doors were opened so that specialist visitors from all over the world could gain an impression of GRIMME and its machines.

Machines and other topics such as GRIMME Original Parts and operating systems were exhibited in our TECHNICOM customer and exhibition centre. Over the past two decades, GRIMME Technica has established itself as a pioneering event in the industry and now

presents a significantly expanded and more diverse supporting programme.

An extensive exhibition of machinery for potato, beet and vegetable technology awaits you. The extended TECHNICOM invites you to relax in an ideal atmosphere for technical discussions and the exchange of experiences. Other topics such as digitalisation, used machines and service & parts will also be covered. Further developments and the latest innovations will be showcased in a spectacular **innovation show**. The programme is rounded off with **factory tours** during ongoing production at the plants in Damme and Rieste. Of course, we also take care of your physical well-being so that you can enjoy GRIMME Technica to the full.

So: Make a note of the GRIMME Technica in Damme (Germany) from Tuesday, 3 December 2024 to Friday, 6 December 2024 and come along (daily from 9 a.m. to 4.30 p.m.)!



**GRIMME Landmaschinenfabrik
GmbH & Co. KG**
Hunteburger Strasse 32
49401 Damme (Germany)

Impressions



Bed former of the BF series

The main frame has been extensively redesigned to meet the increased requirements for soil cultivation. In addition, the newly developed hydraulic stone protection system has been integrated into all models. **With the new BF 400, the BF- and BFL- series now comprises three models.** A 'Heavy Duty' package is offered for the plough bodies of the BFL series, which is available in combination with the new PRO stone protection system.





The new generation of the **MATRIX** precision seeder

For the 2025 campaign, GRIMME is presenting the latest generation of the 12- and 18-row **MATRIX**. The focus of the new development includes a compact design, optimised weight distribution and increased driver relief in terms of adjustment options and assistance systems. The **MATRIX** is suitable to seed beets, canola and root chicory.

A special feature of the new **MATRIX** is the redesigned seeding unit with a parallelogram made of cast aluminium and maintenance-free plastic bearings. A new optical sensor reliably detects the seeds of beet, canola and root chicory. The new coulter change system makes it easier to change coulters during the campaign. Drivers are pleased with the completely tool-free adjustment of the machine without having to go between the seeding units. Within the machine width, each individual seed is placed in a triangular formation



You can also expect something new from the field of precision seeding technology.

in order to achieve optimised crop distribution - the so-called **MATRIX-seed**.

It is also possible to create turnpike-rows with increased sowing density towards the edge of the field, which reduces feeding damage inside the field and promotes a more homogeneous crop at harvest. In addition, harvest-windows can be created by interrupting the seeding for certain areas, which serves as an orientation aid for the driver of the harvester and increases both harvesting efficiency and driving comfort.

PRIOS 440

The PRIOS 440 is the first 4-row trailed potato planter with a transport width of less than 3 metres and complete EU type-approval. The machine also offers a wide range of equipment options thanks to its highly modular design. It therefore fulfils all the requirements for precision and smart farming solutions.

PRIOS 440 bed: Two years after the launch of the **PRIOS 440**, the portfolio of the 4-row trailed potato planter has been expanded to include a version for bed cultivation. Thanks to the new axle, a generous steering angle of $\pm 30^\circ$ is now possible, which ensures maximum manoeuvrability even in the tightest of spaces. The new machine features individual depth control of the furrow openers for each of the two beds. The centre ridging body ensures a full ridge build-up even on uneven beds. In order to save resources, the fertiliser box, the barrel system and the planting elements can be switched on/off separately from each other and for each row individually via Section Control.

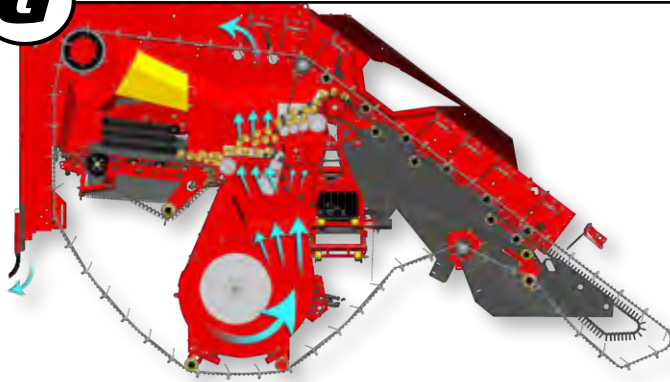




The new EVO 280 with MultiCrop-intake

Accessibility, convenience and user-friendliness continue to be the focus of the new EVO 280, in addition to its unrivalled separation and throughput performance. An interchangeable system is now available for both the intake and the separator, enabling rapid adaptation to different crops and harvesting conditions. Thanks to a standardised interface for electrics and oil supply, the newly developed, parallel-guided "MultiCrop-Intake" enables

different harvesting intakes to be changed in a record time of less than five minutes. For tractors which are prepared for Tractor Implement Management (TIM), GRIMME offers the Speedtronic-Cruise option. The machine uses various parameters to adjust the driving speed of the tractor in order to achieve the optimum balance between throughput and crop protection at all times.



AIRSEP 290 – The harvesting specialist for stony soils

This separator, which is particularly suitable for stony soils, has undergone extensive further development in recent years and has been integrated into an independent new machine series - called AIRSEP 290. Numerous changes, such as the modified crop flow and the optimised installation position of the AirSep blower, significantly increase reliability and stability. The modified air guidance in the pressure duct made it possible to reduce

the speed of the AirSep blower and thus the load on the drive train, which increases efficiency and enables higher throughput rates. The AIRSEP 290 is now equipped with a fully hydraulic drive. This means that all main webs, including the optionally available intake web and the separators, can be adjusted independently of the engine speed (PTO speed) of the tractor.



You can also look forward to exciting innovations in self-propelled harvesters for two- and four-rows!





The flagship in beet harvesting technology – the REXOR 6300

The new REXOR 6300 harvester is equipped with the latest generation of cabs and the IBX 200 ISOBUS auxiliary control unit. The motor unit has been redesigned for ease of maintenance and accessibility.

The new cab offers an ultra-modern workplace with an air-conditioned driver's seat that can be rotated by 30°, footrests, large windows with sun blinds and windscreen wipers, a drinks cooler and a new 2 climate zone concept. With the manoeuvring lighting and the two additional cameras at the rear of the machine- the SideView camera package - the machine can be manoeuvred safely and conveniently.

For the first time, the new Speedtronic-Cruise actively controls the harvesting speed of the machine, and, in combination with the so-called Speedtronic, i.e., the speed control for the conveying webs and cleaning units, ensures a maximally efficient working day. The ISOBUS compatible operator unit IBX 200 provides the driver with a control unit for the overloading process on the left armrest.

A plastic bunker lining made of PE is available for the bunker sides to provide the best possible crop protection and reduce tip breakage and damage during unloading. An anti-soiling package on the rear wall of the bunker can also be configured to prevent soil adhesion and build-up.

The new generation of RH-receiving hoppers

GRIMME is introducing the new generation of the well-approved RH 20 / RH 24 / RH 28 receiving hoppers.

For the new receiving bunkers, the focus was on redesigning the bunker floor. Cushioning in the front section and soft stuffing of the crossbars of the hopper floor ensure improved crop protection. To increase the performance and improve the crop flow, the incline angle of the hopper belt was reduced. The 10 cm wider front section provides an increased intake volume and makes it easier to manoeuvre trailers to the hopper. Approaching is also simplified by the new manoeuvring aid with "traffic light control".

Operation of the hopper is simple and intuitive with the help of the new IBX 300 ISOBUS operator unit. Operation can be extended using the CCI 800 ISOBUS operator terminal. Various assistance systems take the strain off the user when operating the machine.

A new feature of the RH 24-60 S is the straight rising hopper, which can be used for sensitive crops.



RH-Combi Facelift

The hopper floor of the RH-Combi series models has also been completely redesigned and adapted to the new RH generation.

The straight bunker floor of the RH 24-60 "S", already introduced in the new RH family, is now also available in the series of RH-Combi.

More comfort for the picking staff and padding for the harvested crop in the area of the 'CLS'

clod separator were also the focus of further development. A height-adjustable platform is now also available. To improve crop protection at the clod separator CLS, the separating wedge between the steel roller and the discharge conveyor as well as the side walls of the crop cross conveyor have been padded.



Onion topper VT and windrower WV

The onion topper VT is used for efficient haulm reduction and pre-harvest treatment before windrowing. The exact height guidance ensures a precise cut at the desired height and, in combination with the automatic lowering and lifting system, prevents the machine from topping too low at the headland. The same height guidance is also used in the WV windrower, which means that both machines are optimally harmonised and enable a powerful onion harvest. The WV windrower can be equipped with brush or rubber paddles depending on the conditions. An optional hydraulic buffer bunker can be configured to collect the crop when turning at the headland. To make subsequent wind-



rowing more efficient, a crop cross conveyor is available. This conveyor can be used both for enriching the swath of windrowed crop and for creating alleys, when opening a new field.



For mechanised harvesting of storable cabbage – the MC-1010C designed by ASA-LIFT

The mounted cabbage harvester can be used for mechanised harvesting of white cabbage, red cabbage and savoy cabbage. This means that the current, manual labour-intensive harvest can be replaced by an ergonomically optimised and more pleasant harvest.

Thanks to the flat, gentle pick-up, the cabbage is cleanly separated from the stalk and conveyed through a mesh-web onto the picking web. Foam stripper rollers remove the loose bracts from the cabbage before operators gently place the crop into the ergonomically raised and angled crates. In addition to the version with manual filling of crates, a version with a cart elevator or with a box filling conveyor, to fill boxes on a trailer, is also available.



Self-propelled harvesters for carrots

At GRIMME Technica, a self-propelled top lifter from ASA-LIFT, the specialist for field vegetable harvesters, will be exhibited. In addition to harvesting carrots, the machine is also suitable for harvesting parsnips and other root crops. The harvester impresses with its optimum combination of performance, driving comfort and manoeuvrability. A particular advantage is the significantly increased harvesting reliability compared to trailed harvesters, which is a decisive factor in



many places. The long top lifter belts provide sufficient space for root cleaners so that the adhering soil can be effectively cleaned off, making this machine suitable for harvesting storable crops.

myGRIMME

myGRIMME Portal – applications "Fields" and "Crops"

The myGRIMME portal, which is free of charge for GRIMME customers, was launched in 2017. The new 'Fields' and 'Crops' applications are now available to users of the myGRIMME end customer portal.

With 'Fields', GRIMME has launched a new digital tool that enables the user to analyse the completed field work in detail. For this purpose, numerous machine data are automatically documented in geo-referenced form so that the customer receives a precise overview of varieties, application rates, missing tubers, planting depth and yields. This functionality supports more effective planning and optimisation of individual plot management.

The app 'Crops' allows to display different crops such as potatoes, beets and vegetables in a colour-coded way in the myGRIMME portal.



This gives the user a quick and well organised overview. It is also possible to subdivide the crops into different varieties. These can be visualised in real time, selected and geo-referenced with the respective machine data.

In addition to the two new applications 'Fields' and 'Crops', you will have the opportunity to see other exclusive innovations from GRIMME i-systems.



GRIMME used and more



Sell your used machinery

- > Get your non-binding offer
- > Payment before pickup on site possible
- > Simple sales process
- > Pick up of your machine free of charge



Receive a non-binding offer for your used potato-, beet- and vegetable technology from GRIMME or other well-known manufacturers.



Digital. Simple. Connected – myGRIMME

myGRIMME is your gateway to the digital world of GRIMME. With your account, you always have your virtual machine file with all digital services and information with you in real time. In addition, your machine tasks are automatically documented and analysed clearly. Furthermore, with the webshop you have the possibility to order spare parts online. myGRIMME can be used on any internet-enabled device and is free of charge for you.



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