

Terra Dos 5 Press Release

Get more out with the Terra Dos 5

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HOLMER is now producing the latest generation beet harvester, the Terra Dos 5, in series. The HOLMER flagship will now be presented to a global audience for the first time in Germany at Agritechnica 2023 in Hanover from 12 to 18 November 2023. The Terra Dos 5 builds on the proven success of the previous model and sets new standards. The focus is on the driver and the economic efficiency of the machine. Driver assistance systems and intuitive operation guarantee the best harvesting quality under challenging conditions. The most important points:

- **Comfort cabin and new lighting concept**
- **Best harvesting quality under even the most challenging conditions**
- **Focus on sustainable efficiency**
- **Digital interconnectivity**

This sugar beet harvester is available as a **two- and three-axle** variant as **Terra Dos 5-30** with 30 m² and **Terra Dos 5-40** with 45 m² bunker volume. The 652 HP / 480 kW Mercedes-Benz engine complies with the Stage V emissions standard and puts the necessary performance on the field through efficient power transmission.

The larger HOLMER **comfort cabin** offers the driver a comfortable workplace. The greatest ease of use due to the ergonomic armrest and a smooth ride permit fatigue-free work. Additional features such as underfloor heating, inductive charging for mobile phones and a vacuum cleaner make working with the Terra Dos 5 even more pleasant. The additional axle, which can be lowered at the touch of a button, not only offers additional comfort for the driver but also provides greater road safety.

The terminal's **user interface** has been optimised as part of an intuitive concept and supports both new and experienced drivers with their work in addition to the **assistance systems**.

The driver has the best possible overview of the entire harvesting process due to the panorama windscreen and four cameras. The driver can maintain an overview even at night with the new **lighting concept**. Dimmable **LED strips** are attached to the cabin for more homogeneous illumination.

The aim of the further development of the Terra Dos 5 is to maintain **the best harvesting quality under challenging conditions**. Compact hood geometry has improved the suction power of the topper, the DynaCut minimal cutter is even more precise due to a modification in the parallel programme and the turbines cleaning surfaces have been enlarged.

The proven **EasyLift** single-row depth guide ensures maximum yields by automatically regulating the working depth of the shares. Beet losses due to breakage are avoided and wear is reduced, resulting in less stress for the driver. The additional horizontally adjustable forced feed shaft improves adaptability in light and heavy soils.

Soil protection is an important factor in maintaining fruitful soils. This is aided by the reduced overall weight of the harvester to 27 or 30 t by means of systematic lightweight construction and a maximum contact area for the tyres.

Economy is a further central requirement of the machine. This is achieved with maximum power with low consumption and reduced maintenance costs. The proven engine technology and the traction drive with individual hydraulically directly driven axles ensure efficient power transmission with **low fuel consumption**.

Even more **ground coverage** can be achieved with multi-row harvesting units for 8, 9 or 12 rows. These can be quickly and simply attached and detached single-handedly thanks to EasyConnect.

Various components have been improved for more **robustness** and thus lower wear costs. The forged harvesting shares (DuraShare) and guide grilles, the use of high-strength Hardox® steel and wear-optimised starscreen tines for example improve the durability of components. Increasing the maintenance interval for the diesel engine and the maintenance indicator for changing the hydraulic filter save money and conserve the environment. The newly designed, uncluttered engine compartment makes access to the radiator, filters and oils easier and simplifies maintenance work.

The Terra Dos 5 is **digitally interconnected** with the myHOLMER online platform and the **agrirouter** standardised data hub. Machine owners and schedulers thus maintain an overview of all information about the machine. Telemetry data can be visualised in EasyHelp 4.0 or processed further in familiar farm management systems via agrirouter.

The HOLMER Terra Dos 5 - more driving comfort, more revenue and more efficiency.



Image: Terra Dos 5

Caption: The new generation beet harvester. The Terra Dos 5 builds on the proven success of the previous model and sets new standards. (Photo: Holmer)

Contact:

HOLMER Maschinenbau GmbH
Michaela Dotzler
Head of Marketing and Communications

Regensburger Str. 20
84069 Schierling/Eggmühl

Phone: +49 (0)9451/9303-3335
E-Mail: michaela.dotzler@holmer-maschinenbau.com

More information:

www.holmer-maschinenbau.com

About HOLMER:

HOLMER Maschinenbau GmbH is the global market leader in the field of self-propelled sugar beet harvesters and expanding in carrier vehicles. As a modern, medium-sized engineering company based in Eggmühl/Schierling, Holmer develops, produces, markets and supports HOLMER technologically leading agricultural machines. With HOLMER subsidiaries in France, Poland, the Czech Republic, Egypt, Ukraine, Turkey and the USA and a representation in China, the company has more than 400 employees.

Founded in 1969, HOLMER developed the first 6-row self-propelling sugar beet harvester in 1974. More than 4,300 beet harvesters have left the works in Eggmühl since then. Worldwide, HOLMER machines are driving customers to success in more than 40 countries.

With the Terra Dos 5, HOLMER presents its latest-generation beet harvester. The Terra Dos 5 builds on the proven success of the predecessor model and sets new standards. The driver and the economic efficiency of the machine are the main focus. Furthermore, with the Terra Felis 3 evo self-propelled beet cleaning loader and the drawn RRL 200 eco bunker loader, HOLMER is positioning itself as a full-liner in the field of sugar beet harvesting and loading technology.

In addition, the self-propelled Terra Variant has been setting new standards in the soil-conserving spreading of fertiliser and in the area of field logistics for many years. Power and efficiency are particularly in focus. With the SecatFlex SL slurry hoe, HOLMER offers their first own attachment for directly spreading slurry with simultaneous weed control in row crops.