

PRESS RELEASE

Precise liquid manure spreading: Vogelsang presents new technologies at Agritechnica

- **BlackBird trailing shoe linkage with 24 meters working width**
- **ExaCut ECQ precision distributor with brand new QuickService concept**
- **Gearless rotary lobe pump with reduced weight and energy requirement**

Essen/Oldb., 20 August 2019 – [Vogelsang GmbH & Co. KG](https://www.vogelsang.com) will present new and innovative products for economical liquid manure management at **Agritechnica (hall 23, booth B35) from 10 to 16 November** in Hanover. The new trailing shoe linkage BlackBird, the innovative ExaCut ECQ precision distributor and the gearless rotary lobe pump VX186GL provide farmers and contractors high performance tools for efficient and low-emission spreading and distributing of liquid manure. “According to our claim ‘Leading in Technology’, our new developments for the agricultural sector are based on effective technologies that are easy to operate. They enable the users to spread liquid manure economically and in compliance with the requirements of the fertilization ordinance”, says Harald Vogelsang, managing director of Vogelsang GmbH & Co. KG.

BlackBird trailing shoe linkage: Precise manure deposition under the crops

The BlackBird trailing shoe linkage features a flow-optimized liquid manure outlet, which deposits the liquid manure more precisely than ever before. The new, long, beak-like shape helps to ensure a controlled and even flow of liquid manure through every discharge. This prevents the crops from getting contaminated during manure spreading. The pointed skid splits the crops more effectively and is better able to penetrate the soil. This deposits the liquid manure in a narrow furrow directly under the crops. The BlackBird has been available since June 2019 in working widths of 12 and 15 meters. At Agritechnica, Vogelsang will be presenting a prototype with a working width of 24 meters.

ExaCut ECQ precision distributor: even distribution and fast maintenance

The enhanced ExaCut ECQ precision distributor ensures a more even distribution of liquid manure. It is already built into the BlackBird trailing shoe linkage and will be available for other applications after Agritechnica. Large diameters and flow distribution plates keep the flow under control and ensure a high distribution accuracy of the liquid

manure. The large maintenance port allows easy access to all internal parts and provides a faster and easier maintenance. Thanks to the QuickService concept, maintenance can be completed in just a few minutes. The new rotor design and lower speeds result in a reduction of up to 50 percent in the power requirements. This also protects the cutting blades, extending the service life by up to 50 percent.

VX Series gearless rotary lobe pumps: 55 percent lighter

At Agritechnica, Vogelsang will be presenting the VX186GL gearless rotary lobe pump, the first pump for the agricultural sector that has no synchroniser gearbox, which makes it run exceptionally smoothly. This is due to the 4-wing lobes, which are designed to work in conjunction with the two parallel connected hydraulic motors to deliver constant torques on both pump shafts. When used in today's standard 30 m³ tank sizes, the gearless pump type in the VX Series offers a weight saving of around 100 kg to 150 kg, up to 55 percent. This allows the transport capacities of the vehicle to be increased or the vehicles to be driven with reduced ground pressure.

The compact construction of the rotary lobe pump makes installation on the vehicle easier and is exceptionally easy to maintain. The lobes are lighter and can also be installed individually as no fitting keys are required. There is no need for a gear oil change. This makes the rotary lobe pump low-maintenance, while also causing less wear to the lobes due to the lower shaft deflection.

Vogelsang at Agritechnica, 10-16 November 2019, Hanover: Hall 23, booth B35

For **press representatives**, there will be the possibility of **personal meetings** at the Vogelsang booth. To arrange an appointment, please contact:

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About Vogelsang:

Vogelsang GmbH & Co. KG develops, produces and distributes technically high-quality machines that are easy to maintain. Its head office is located in Essen/Oldenburg in Lower Saxony, Germany. Founded in 1929 as a manufacturer of agricultural machinery, the company has grown to become a specialist in individually configurable machines for the wastewater, agricultural, biogas, industrial and traffic sectors. At present, the mid-sized, innovative family business employs about 1.000 people worldwide. Vogelsang ensures the highest production quality through its research, development and manufacturing operations at its location in Germany. As an internationally oriented machine construction company, Vogelsang also operates manufacturing centers domestically and abroad. A continuously growing network of subsidiaries and representatives allows Vogelsang to be present in more than 25 locations worldwide, in all European countries and important industrialized nations in the world. This year the company celebrates its 90th anniversary and has been awarded the title of "Germany's innovation leader" by the Prognos AG economic research institute.

Further information can be found online at: vogelsang.info

Images:



Image 1: The new BlackBird trailing shoe linkage from Vogelsang is currently available with working widths of 12 and 15 meters. A 24-meter prototype will be presented at Agritechnica.



Image 2: The trailing shoe has a beak-shaped design, providing a controlled flow of liquid manure through every discharge.



Image 3: The ExaCut ECQ precision distributor is positioned in the centre of the boom and can be serviced in just a few minutes – without removing the cover or the entire construction.



Image 4: The new VX186GL rotary lobe pump has no synchroniser gearbox, resulting in a weight saving of up to 55 percent compared to conventional pumps.



Image 5: As there is no need for a gear oil change and there is less wear on the lobes due to the lower shaft deflection, the VX Series pump is exceptionally low-maintenance.



Image 6: Harald Vogelsang, Managing Director of Vogelsang GmbH & Co. KG.

Image source for all images: Vogelsang GmbH & Co. KG