

## PRESS RELEASE

### **BackPac2: Flexible umbilical application system linkage for user-friendly, high-precision liquid manure spreading**

- **BackPac2 is available as trailing shoe and dribble hose**
- **Robust linkage and automated headland management**

**Essen/Oldb., June 3rd, 2019** – [Vogelsang GmbH & Co. KG](http://www.vogelsang.com) has further developed its BackPac umbilical application system linkage, and is launching the BackPac2: an optimized special system for umbilical application systems with working widths up to 30 meters. The linkage is available as a dribble bar and trailing shoe, and offers outstanding robustness and flexibility. “With the BackPac2, we attached particular importance to providing the driver with all relevant data such as application rate and pressure in an intelligent control system in the cab. In this way, the driver always spreads liquid manure precisely and in a soil-friendly manner, irrespective of the manure properties and soil contour,” says Henning Ahlers, Head of Sales Germany at Vogelsang.

#### **Intelligent control from the driver terminal**

Vogelsang equipped the BackPac2 with its own electro-hydraulic system for more user-friendly handling. Drivers can control them via ISOBUS from the tractor terminal or from a dedicated terminal without ISOBUS. For optimized liquid manure spreading, Vogelsang can also equip the umbilical application system linkage with flow rate and pressure measuring systems in the supply lines on request. The driver sees the data in the terminal and can adjust the flow rate if required. A simple touch of a button is all it takes to fold the linkage in and out to any working width.

Automated headland management also simplifies the umbilical application system: If the driver doesn't want to spread liquid manure on the headland, he can close the two section cut-off valves, switch off the distributor and raise the lifting device – if installed – at the push of a button. After turning, the driver returns the linkage to the original spreading position again afterwards.

If liquid manure is spread on the headland, the left or right section cut-off valves can also be closed at the push of a button, independent of the turning maneuver. This prevents

over fertilization on the headland. If a mast is available, it is raised automatically. This protects the linkage from damage.

### **Robust and flexible construction**

The side arms of the BackPac2 are even more stable and, as a result, they can withstand heavy loads when spreading liquid manure and when folding in and out. Ahlers: “The integrated pendulum compensation of the BackPac2 allows the user to optimally align the slurry distribution to the existing ground contour. Even in difficult terrain, active intervention by the driver is possible.”

The user is also flexible in the choice of the precision distributor for exact spreading of nutrients. Depending on the properties of the liquid manure and preferred distribution technology, the ExaCut, ECL and ETX [distributors](#) can be installed. In the new BackPac2, the distributor is positioned centrally. The hose lengths are thus better distributed and moves the linkage center of gravity closer to the tractor when retracted, providing a more enjoyable driving experience. With a compact transport width of 2.55 meters, driving on roads is also uncomplicated and the driver’s view is clear.

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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. Further information can be found online at: [vogelsang.info](http://vogelsang.info)

**Images:**



**Image 1:** The new umbilical application system linkage offers high stability and flexibility.



**Image 2:** The integrated pendulum compensation allows the user to optimally align the slurry distribution to the existing ground contour.



**Image 3:** With a compact transport width of 2.55 meters, driving on roads remains uncomplicated.

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