



# COMBINING THE PROVEN AND THE NEW

New technical applications  
for agriculture

**WE  
THINK  
RED.**

## **YOUR NEED IS OUR PASSION**

**Quality, experience and  
expertise as a guarantee of  
cutting-edge technology**

**Among the pioneers of agricultural technology, Vogelsang remains one of the sector's leading machinery manufacturers to this day. The key to this longevity is no secret: Ever since our company was founded, we have monitored the market and responded quickly to changes in agriculture, new economic revelations and legal requirements.**

This year, we will be launching a number of useful technical innovations to go alongside our tried-and-tested rotary lobe pumps, cutters and spreading technology. These new products will support our customers' work and help them to overcome the challenges of the future.

# KEEP THINGS RUNNING SMOOTHLY

## The Flow Performance Monitor for precise sowing and fertilization

Pneumatic drilling machines that can spread seeds and mineral fertilizers in parallel are growing in market importance. Our innovative Flow Performance Monitor (FPM) controls the flow of air in seed and fertilizer hoses on pneumatic drilling machines. The sensor works with ISOBUS-compatible electronics and is easy to install in any pneumatic drilling machine.



The FPM is optimized for retrofitting onto existing machines, and can be integrated into the hoses without cutting them through – simply insert the hard metal measuring tip through a small hole in the hoses. The hard metal tip of the Flow Performance Monitor is resistant to mechanical wear and corrosion, and thus unaffected by inorganic fertilizer. As such, the system can also be used for monitoring fertilizer hoses on pneumatic drilling machines.

### Design:

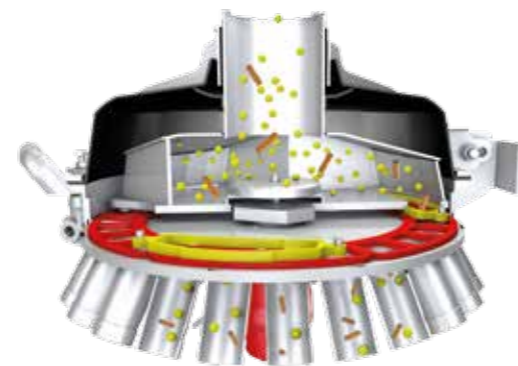
The sensor tip is made of wear-resistant hard metal. The sensor is mounted in the seed line, where it monitors the air-flow. If the seed or fertilizer line becomes clogged, the sensor detects this immediately and displays the error directly on the display in the driver's cab, so the clogging can be cleared.

### Advantages:

- Long lifetime thanks to sturdy design
- Suitable for monitoring pneumatic drilling machines (seeds and fertilizer)
- Easy retrofitting, minimal installation work
- ISOBUS-compatible
- Compact design

### Technical data:

One control system can monitor up to 384 outlets.



# PRECISION DISTRIBUTION WITH A NEW TWIST

## The Vogelsang DosiMat DMX

For decades now, the spreading of liquid manure has been influenced not only by what was technically feasible – the more stringent fertilizer regulations also need to be taken into account when developing new spreading technology. Because of the field itself, the seeds and the season, the most crucial factors are flexibility and precision.

The new Vogelsang DosiMat DMX lives up to its name as a precision distributor. The curved plastic cover makes for a larger housing volume, while the ventilation system is also positioned more centrally to ensure more even results. There is also a flow-optimized rotor, which provides outstanding distribution precision. Finally, the cover is incredibly sturdy – it is resistant to pressure and fractures, but also much lighter than before.

### Advantages:

- Much better rotor flow behavior
- Optimized distribution accuracy
- More flexibility in spreading capacities on a single machine – no need to change sieves etc.
- Easy to maintain
- Central ventilation system for more even results

### Technical data:

- Number of outlets: 8 – 60
- Hose diameter: DN 40 | DN 50 | DN 60

# EVERYTHING WORKS WITH ISOBUS

## The Vogelsang Performance Control Unit

Vogelsang dribble bar systems have always been incredibly easy to operate. Nevertheless, our developers are constantly working on ways to improve handling even further. With the Performance Control Unit (PCU), the Compax system for self-propelled vehicles can now be controlled using existing ISOBUS terminals. This is thanks to the ISOBUS-compatible PCU guaranteeing a maximum compatibility.

As a result, the Compax dribble bar system can now be connected to any self-propelled vehicle that is ISOBUS-compatible. And thanks to the intuitive system and extensive use of pictograms, it is also incredibly easy to operate. Boom folding and unfolding, section control, slope compensation, precision distributors, CFC or FPM – whatever the application, the PCU combines all the functions of the individual components in the dribble bar control unit.

### Advantages:

- Uses existing ISOBUS terminals for high level of compatibility
- Easy to operate thanks to intuitive, nonverbal menu system
- Updates provided for functional expansion



Up to  
126.5 kg  
lighter

# RELIABLE PUMP TECHNOLOGY THAT'S EASIER IN USE

## The rotary lobe pump of the VX series in aluminum

In the past, our main concern when designing rotary lobe pumps has been ensuring that they remain compact. Now, however, we also need to be aware of more stringent weight restrictions for road transport. The Vogelsang solution: aluminum pump housings and lobe cores for the VX series.

The gearbox housings, the bearing seal housings and the QuickService cover for these rotary lobe pumps are all made of aluminum. All components that come into contact with the medium are made of gray cast iron or wear-resistant special steel. So there is no change to the lifetime of Vogelsang's VX pumps.

### Advantages:

- Ideal for use in agricultural and road transportation tankers
- Allows for larger vehicle payloads

### Specifications:

Weight savings of up to

- VX186-184: approx. –76 kg
- VX186-260: approx. –84 kg
- VX186-368Q: approx. –100 kg
- VX186-368QD: approx. –109 kg
- VX186-520QD: approx. –126.5 kg

## What we offer

We provide solutions in the following sectors:  
AGRICULTURE, BIOGAS, INDUSTRY,  
TRANSPORTATION, WASTE WATER



## Our broad range of products and services

- Consulting and service
- Data management and control technology
- Disintegration technology
- Individually tailored solutions for special applications
- Pumps and pump systems
- Solid matter feeders
- Solids reduction, separators and mixers
- Spreading technology
- Supply, disposal and cleaning

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