



FLEXIBLE AND PRECISE

Spreading technology for small working widths
and for every retrofitting: the UniSpread universal
system from Vogelsang

VOGELSANG – LEADING IN TECHNOLOGY

VOGELSANG



Ingenious compact all-rounder

The UniSpread – the versatile universal slurry applicator

When it comes to dribble bar systems, obtaining the largest width possible isn't always the best solution. Depending on the field length, tanker and towing vehicle, many experienced farmers like to use smaller-scale spreading techniques because they are better suited to the conditions and offer easier handling.

This is why Vogelsang's technical developers have now taken the experience and knowledge they've gained in recent years, plus the resulting innovative optimizations to our larger applicators, and applied them to develop a much smaller and better manoeuvrable model.

And the best: It is ideally suited for the simple retrofitting to smaller tankers. The optimal solution for farms that have to invest in new technology for example based on new fertilizer ordinances.

The clincher? The new UniSpread is made for dribble bar and for trailing shoe systems! Whether grassland, field, growing stock or arable farming, applied with a dribble bar or trailing shoe - you decide how to use UniSpread to meet your needs. Like all Vogelsang slurry applicators, the new universal UniSpread offers extremely precise operation and can be equipped with any type of slurry outlet.

The UniSpread, which is specially designed for small working widths, is naturally also equipped with everything that makes a Vogelsang dribble bar system so uniquely robust, precise and reliable. For example, it comes with the Vogelsang slurry macerator. This ensures maximum distribution accuracy when used with the UniSpread as well. Variable suspension options allow quick installation, while various safety features ensure safe, clean transport.

UniSpread: a universal slurry applicator, classic Vogelsang

Dribble bar systems and trailing shoe slurry applicators from Vogelsang are trusted by agricultural businesses worldwide thanks to their strength, durability and practical functionality. Basically, owners benefit from above-average nutrient-efficient distribution of slurry directly on the ground.

Thanks to the robust frame construction, the well thought-out hose layout and the slurry macerators with a coefficients of variation of less than 5 % the slurry can be applied precisely and close to the ground.



Whether it's arable land, growing crops or grassland – the UniSpread universal slurry applicator by Vogelsang can be equipped for every type of soil.



Thoroughly thought out

For individually combinable maximum performance

Precision distribution

Maximum reliability, precise distribution of nutrients and optimal shredding of foreign and fibrous matter for minimized downtime

Low weight

To relieve the soil or increase the payload



SPECIFICATIONS

Working width	6 m	7,5 m	9 m	9 m	10.5 m	12 m
Folding end arm	no	manual	manual	automatic	automatic	automatic
Transport width	2.5 m	2.5 m	3.0 m	2.5 m	2.5 m	2.5
Transport height (on the barrel)	2.8 m	3.5 m	3.9 m	3.1 m	3.4 m	3.8
Hose distance	0.25 m	0.25 m	0.25 m	0.25 m	0.25 m	0.25
Outlets	24	30	36	36	42	48
Weight (hose)	560 kg	660 kg	730 kg	760 kg	790 kg	940
Weight (shoe)	600 kg	710 kg	790 kg	840 kg	890 kg	1,010
Weight hose system (hose)	900 kg	1,020 kg	1,090 kg	1,120 kg	1,150 kg	1,300 kg
Weight hose system (shoe)	960 kg	1,070 kg	1,150 kg	1,200 kg	1,250 kg	1,370 kg

The ExaCut slurry macerator: the source of precision

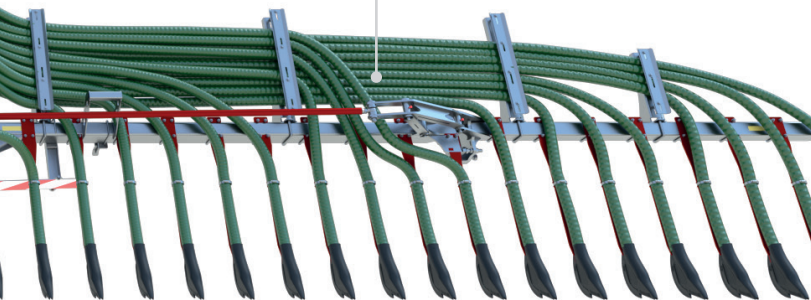
At the heart of the UniSpread, the powerful ExaCut reliably shreds fibrous materials to a minimal size. The slurry assumes a homogeneous consistency and can therefore be evenly distributed to the hoses. At the same time, foreign matters are reliably separated using an integrated foreign matter separator to prevent clogging.

Transport and installation: easy to use throughout the day

UniSpread booms are attached directly behind a tanker using a 4-point hitch or are permanently mounted to a tanker using a 3-point hitch. The plug-and-play system only needs to be mounted on the tank or tractor to get started. It is delivered completely preassembled. The system includes hydraulic safety clamps, which are attached to the frame of the device to hold the folded frame and secure it during transport. The use of additional bracket systems is no longer required.

Vogelsang special hose

Robustness, elasticity and UV resistance thanks to unique production process



Absolutely compact

Transport dimensions in each working width of max. 2.55 m



High flexibility

- Choose between two different outlets
 - Dribble bar
 - Trailing shoes with leaf springs
- Selection of the slurry macerator
 - ExaCut ECQ service sensation
 - ExaCut ECL with maximum cutting performance
- Small applicator with low overall weight
- Part-width section cut off by ball valves
- Plug-and-play installation
- Flexible mounting with 3-point or 4-point version
- Splash plate with gate valves and T-fitting
- Hydraulic sequence control (optional)
- Support wheels for an optimal working pattern on extreme slopes (optional)

Long service life

- Durable, UV-resistant hose material
- Extremely resilient hose ends and trailing shoes
- Robust, fully galvanized frame design
- Reliable slurry macerator ExaCut

Safe transport

- Transport width: less than 2.5 m
- DropStop mechanism prevents the slurry from dripping during transport or on headland
- Integrated transport locks

Optional control

- Manual toggle switch control
- Convenient and simple operation from the cab
- Control via a tractor control unit or via load sensing



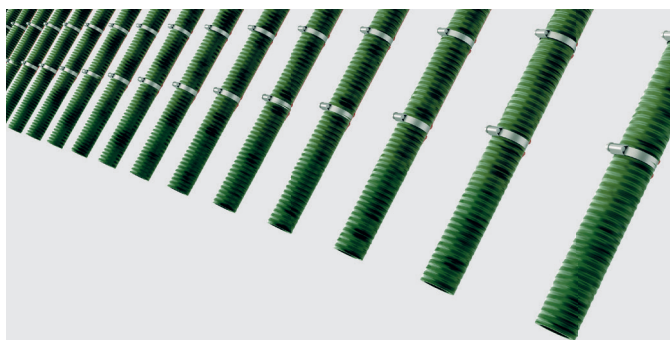
Manual toggle switch control

Greater convenience, more options

**UniSpread universal slurry applicator
as dribble bar, trailing shoe or hose system**

Regardless to the hose ends which will be choosed for the UniSpread – the slurry will placed directly under the plant. And to make sure that this works for the next years not only the frame itself is made of robust, fully galvanized steel, even the hoses are through that unique Vogelsang manufacturing processes extremely resistant. They stay permanently elastic and UV-resistant.





Dribble bar

Our hoses place the slurry precisely on the ground – directly into the crop without damaging it. This preserves valuable nutrients, protects the plants and reduces the impact on the environment. High-quality materials ensure durable ends and low wear – for precise deposition, use after use.



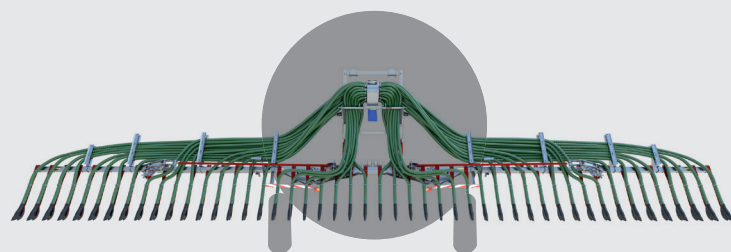
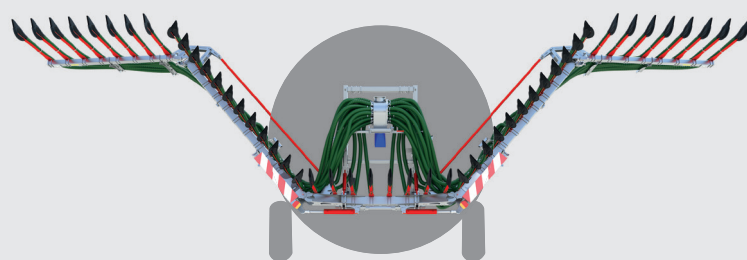
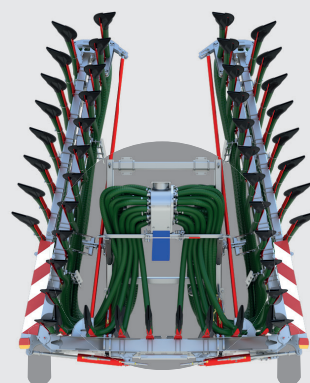
Trailing shoe

For maximum precision in spreading: the UniSpread with trailing shoes places the slurry directly under the plant – cleanly, close to the roots and with minimal loss. The special skid opens the plant stand without damaging it and ensures precise placement. The innovative shape of the trailing shoe, developed using state-of-the-art flow simulation, guarantees an even flow of slurry. The pointed wear edge penetrates the soil effortlessly. This keeps the trailing shoe dimensionally stable, durable and reliably precise.



Hosing

Now even more versatile: the UniSpread is also available with a hosing system. This type of application relieves the soil and allows for more flexible operating times – thanks to its reduced weight, even in wet weather. Without tank filling, the system saves time and ensures continuous application with high impact.



For a simple, quiet transport, the UniSpread is folded completely **behind the vehicle**. Hydraulic safety clamps on the frame secure the slurry applicator while driving. In the working widths of 9 m, 10,5 m and 12 m, **the automatic folding end arm** makes the extremely compact transport dimensions possible.

Advantages of the UniSpread

- High distribution accuracy thanks to ExaCut slurry macerator
- Extraordinarily precise slurry application
- Flexible application options through individually selectable hose end
- Compact applicator with low overall weight
- Long service life thanks to materials in robust Vogelsang quality
- Safe, easy transport

What we offer

We provide solutions in the following sectors:
AGRICULTURAL TECHNOLOGY, BIOGAS,
INDUSTRY, TRANSPORTATION, WASTEWATER



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
- Spreading technology
- Supply and disposal systems for railway, busses and boats
- Wet grinders and solids reduction as well as separation technology

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Vogelsang GmbH & Co. KG
Holthoege 10 – 14 | 49632 Essen (Oldenburg) | Germany
Phone: +49 5434 83 - 0 | Fax: +49 5434 83 -10
germany@vogelsang.info

vogelsang.info

