



# SOLUTIONS FOR EFFICIENT SLURRY MANAGEMENT

VOGELSANG – LEADING IN TECHNOLOGY





# Modern and efficient spreading technology

## Spreading systems for every application

**Flexible for every application:** Sophisticated system solutions for different areas of application – individual and reliable.

**Maximum slurry maceration accuracy, minimum maintenance time:** The ExaCut slurry macerator ensures even spreading with powerful cutting force and precise maceration – including QuickService in less than 20 minutes (ECQ).

**Quick start without initial wedge:** Centrally positioned slurry macerators and optimized hose routing enable slurry flow at all outlets within a few seconds (2 seconds according to DLG test report 7540 – BlackBird 15 m with ECQ).

**Precise and efficient slurry spreading:** Flexible section control for every requirement – with half-side shut-off via slider or targeted control of individual hoses and hose groups via Comfort Flow Control (CFC) – also suitable for SectionControl.

**Longer service life, lower maintenance costs:** Robust, elastic special hose, UV-resistant thanks to a unique manufacturing process.

**Clean application even on uneven terrain:** Systems adapt optimally to the ground contour – for even and plant-friendly slurry spreading.

**Greater stability and lifetime:** Weight-optimised support structures, developed using state-of-the-art simulation technology, can withstand even the highest loads.

**Minimum transport widths with maximum impact:** Compact transport dimensions combined with large working widths of up to 36 m enable high volume and efficient working.

**Quick retrofitting, high flexibility:** Thanks to EasyPack, many systems are pre-assembled and immediately ready for self-installation – for easy integration into your operation.

# BlackBird® Single trailing shoe slurry applicator (7.5 to 12 m)

## Perfection in a compact space

Slim, light, unique

### Advantages:

- Evenly applied slurry: Central ExaCut ECL or ECQ slurry macerator ensures optimum slurry application
- Easy retrofitting: Road safety devices integrated into the boom supports flexible tank mounting without predefined side mounting points
- Optimum ground adaptation thanks to passive pendulum compensation
- DropStop: Less contamination caused at headlands, on roads and farm tracks
- No standstill after collisions: 3D collision protection secures the applicator from severe damage
- Weight saving: Lightweight skids made of special plastic with carbide inserts offer high wear resistance
- PrecisionFlow: Flow-optimised skids support minimal plant contamination
- Active pressure on all skids (up to 12 kg)

### FEATURES AND OPTIONS:

- Slurry macerator upgrade ExaCut ECQ instead of ECL
- DoubleFlow: Reduced hose spacing of 12.5 cm
- Separate control box for manual control
- NightShift: LED boom lighting

### SPECIFICATIONS

Max. throughput capacity: up to 7,000 l/min (depending on pressure and flow rate as well as DS content)

Transport width up to tank diameter 2 m: < 2.55 m

| Working width in m | Foldable to in m | Number of slurry macerators | Shoe distance in cm | Weight (basic version) in kg |
|--------------------|------------------|-----------------------------|---------------------|------------------------------|
| 7.5                | 2.55             | 1                           | 25                  | 870                          |
| 9                  | 2.55             | 1                           | 25                  | 930                          |
| 10.5               | 2.55             | 1                           | 25                  | 990                          |
| 12                 | 2.55             | 1                           | 25                  | 1,050                        |



# BlackBird® Light trailing shoe slurry applicator (12 to 15 m)

## Easy fit on any tank

Innovative and ultra-light

### Advantages:

- Minimum weight with maximum stability
- Even slurry : Two ExaCut ECM slurry macerators without air suction ensure optimum slurry application
- Easy retrofitting: Road safety devices integrated into the boom supports flexible tank mounting without predefined side mounting points
- Optimum ground adaptation through passive pendulum compensation
- DropStop: Less contamination caused at headlands, on roads and farm tracks
- No standstill after collisions: 3D collision protection secures the applicator from severe damage
- Weight saving: Lightweight skids made of special plastic with carbide inserts offer high wear resistance
- PrecisionFlow: Flow-optimised skids support minimal plant contamination
- Active pressure on all skids (up to 12 kg)

### FEATURES AND OPTIONS:

- DoubleFlow: Reduced hose spacing of 12.5 cm
- Separate control box for manual control
- Section control: via slide valve & ball valve shut-off
- Spreader head preparation
- NightShift: LED boom lighting

### SPECIFICATIONS

Max. throughput capacity: up to 14,000 l/min (depending on pressure and flow rate as well as DS content)

Transport width up to tank diameter 2.1 m: < 3 m

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Shoe distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 12                    | 2.99                | 2                              | 25                     | 1,325                              |
| 15                    | 2.99                | 2                              | 25                     | 1,400                              |



# BlackBird® Pro trailing shoe slurry applicator (12 to 18 m)

Made for professionals, DLG certified

Minimal nutrient losses due to precise slurry placement

## Advantages:

- Best accuracy thanks to perfectly matched components (DLG test report 7540)
- Full slurry at all outlets within 2 seconds: this minimises start-up wedges (DLG test report 7540)
- Easy retrofitting: Road safety devices integrated into the boom supports flexible tank mounting without predefined side mounting points
- DropStop: Less contamination caused at headlands, on roads and farm tracks
- No standstill after collisions: 3D collision protection secures the applicator from severe damage
- PrecisionFlow: Flow-optimised skids support minimal plant contamination
- Active pressure on all skids (up to 12 kg)
- Low wear: Better penetration into the bottom and maximum service life thanks to robust cast skids
- Optimal ground adaptation thanks to integrated pendulum compensation

## FEATURES AND OPTIONS:

- Direct mounting or 4-point type with mounting feet
- Slurry macerator upgrade ExaCut ECQ instead of ECM
- DoubleFlow: Reduced hose spacing of 12.5 cm
- Separate control box or ISOBUS application for manual control
- Section control: via slide valve and ball valve shut-off or Comfort Flow Control (CFC)
- Hydraulic stone trap
- Spreader head preparation
- NightShift: LED boom lighting

## SPECIFICATIONS

Max. throughput: Up to 14,000 l/min (depending on pressure and flow rate, and the dry matter content)  
Transport width up to tank diameter 2.1 m: <3 m

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Shoe distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 12                    |                     | 2                              | 25                     | 1,475                              |
| 15                    |                     | 2                              | 25                     | 1,550                              |
| 18                    | 15                  | 2                              | 25                     | 1,980                              |



# BlackBird® Max trailing shoe slurry applicator (21 to 30 m)

## Maximum impact, highest flexibility

Unprecedented flexibility and ground adaptation

### Advantages:

- Optimal ground adaptation thanks to applicator with innovative height and pendulum compensation on each boom
- High flexibility: 30 m variant makes working widths of 30 m, 27 m, 24 m and 21 m possible
- DropStop: Less contamination caused at headlands, on roads and farm tracks
- No standstill after collisions: 3D collision protection secures the applicator from severe damage
- Precision Flow: Flow-optimised skids support minimal plant contamination
- Active skid pressure setting via hydraulics
- Low wear: Better penetration into the bottom and maximum service life thanks to robust cast skids

### FEATURES AND OPTIONS

- Direct mounting or 4-point type with mounting feet
- Section control: via slide valve or Comfort Flow Control (CFC)
- Hydraulic stone trap
- Hydraulic distributor emptying
- NightShift: LED boom lighting

### SPECIFICATIONS

Max. throughput: 21 m and 24 m: up to 15,600 l/min  
30 m: up to 17,500 l/min (depending on pressure and flow rate, and the dry matter content)

#### Transport width:

21 und 24 m up to tank diameter 2.1 m: <3 m  
30 m up to tank diameter 2.2 m: <3 m

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Shoe distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 21                    | 15                  | 2                              | 25                     | 3,750                              |
| 24                    | 18                  | 2                              | 25                     | 4,000                              |
| 30                    | 27 24 21            | 4                              | 25                     | 6,000                              |



# SwingMax dribble bar slurry applicator (21 to 36 m)

## Maximum performance and flexibility

Maximum possible impact force  
and versatile dribble bar system

### Advantages:

- Maximum flexibility: Ideally coordinated folding and sliding mechanisms allow up to four different working widths to be set (without frame parts protruding). Additional hose groups can be switched off individually
- Maximum impact force due to largest possible working widths for soil protection and fewer tramlines
- Dimensionally stable end hoses divide the crop for minimal crop contamination and optimal slurry placement at equally-spaced intervals
- Slope compensation: Optimal adaptation to soil conditions

### FEATURES AND OPTIONS:

- 4-point design incl. mounting foot
- Active slope compensation: Inclination angle of the applicator is controllable
- Partial width management: Gate valve or Comfort Flow Control
- TeleShift to reduce the transport length
- End hoses in 50 DN for smooth discharge of the medium
- Central lubrication system
- LED lighting

### SPECIFICATIONS

Max. flow rate: up to 15,600 l/min (depending on pressure and flow rate as well as DS content)  
Transport width up to tank diameter 2.1 m: < 3 m  
Transport width for SwingMax 36 m:  
Ø 2.10 m: 3.4 m    Ø 2.20 m: 3.5 m

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Hose distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 21                    | 18   15             | 2                              | 26.25                  | 2,350                              |
| 24                    | 21   18             | 2                              | 25   30                | 2,300                              |
| 27                    | 24   21             | 2                              | 28.13                  | 2,650                              |
| 28                    | 24,5   21           | 2                              | 29.17                  | 2,850                              |
| 30                    | 27   24             | 2                              | 31.25                  | 2,950                              |
| 36                    | 30   24             | 3                              | 30                     | 4,300                              |



# SwingMax Slide trailing shoe slurry applicator (21 to 30 m)

**Impact force, flexibility and precise slurry spreading**

Spreading up to a working width of 30 meters

## Advantages:

- Powerful trailing shoe technology: Working widths up to 30 m
- Maximum flexibility: Ideally coordinated folding and sliding mechanisms allow up to four different working widths to be set (without frame parts protruding). Additional hose groups can be switched off individually
- Precise placement of slurry in a narrow band below the crop thanks to dimensionally stable BaseRunner trailing shoes
- Slope compensation: Optimal adaptation to soil conditions

## FEATURES AND OPTIONS:

- 4-point design including mounting foot
- Active slope compensation: Inclination angle of the linkage is controllable
- Partial width management: Gate valve or Comfort Flow Control
- TeleShift to reduce the transport length
- Central lubrication system
- LED lighting

## SPECIFICATIONS

Max. flow rate: up to 15,600 l/min (depending on pressure and flow rate as well as DS content)  
Transport width up to tank diameter 2.1 m: < 3 m

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Shoe distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 21                    | 18   15             | 2                              | 26.25                  | 2,400                              |
| 24                    | 21   18             | 2                              | 25   30                | 2,350                              |
| 27                    | 24   21             | 2                              | 28.13                  | 2,700                              |
| 28                    | 24,5   21           | 2                              | 29.17                  | 2,900                              |
| 30                    | 27   24             | 2                              | 31.25                  | 3,000                              |



# UniSpread universal slurry applicator (6 to 12 m)

The applicator for small working widths  
and more options

The economical entry solution

## Advantages:

- Suitable for universal retrofitting on any tanker thanks to fixed mounting or 3/4 point mounting
- More flexibility: Choice between dribble bars or trailing shoes as application element
- Easy installation: Plug & Play installation
- Lightweight applicator with sophisticated slim design for maximum payload
- Highly precise and reliable ExaCut slurry macerator
- Durable, UV-resistant hose material for long service life
- Safe transport with a width of less than 3 m

## FEATURES AND OPTIONS:

- Choice between trailing shoe or dribble bar version
- Standard holding and security device
- Slurry macerator upgrade ExaCut ECQ instead of ECL
- Ball valves for part-width section cut-off
- Separate control box for manual control
- Hydraulic sequence control
- Splash plate with slides and T-fitting

## SPECIFICATIONS

Max. flow rate: from 4,000 up to 7,800 l/min  
(depending on pressure and flow rate as well as DS content)

| Working width<br>in m | Number of<br>slurry macerators | Hose distance<br>in cm | Transport width<br>in m | Weight (hose)<br>in kg | Weight (shoe)<br>in kg |
|-----------------------|--------------------------------|------------------------|-------------------------|------------------------|------------------------|
| 6                     | 1                              | 25                     | 2.5                     | 560                    | 600                    |
| 7,5                   | 1                              | 25                     | 2.5                     | 660                    | 710                    |
| 9                     | 1                              | 25                     | 2.99                    | 730                    | 790                    |
| 9*                    | 1                              | 25                     | 2.5                     | 760                    | 840                    |
| 10,5*                 | 1                              | 25                     | 2.5                     | 790                    | 890                    |
| 12*                   | 1                              | 25                     | 2.5                     | 940                    | 1,010                  |

\* Automatic end arm folding (optional for 9 m).



# UniSpread Hosing System (6 to 10.5 m)

## Hosing with UniSpread

High area coverage, low ground pressure

### Advantages:

- Minimum total weight for low soil pollution
- Maximum flexibility due to easy mounting and dismantling on any UniSpread
- Continuous output for high impact
- Easy to assemble due to cat. 3 mounting
- Lightweight linkage with a sophisticated slim design for maximum payload
- Including patent reversible pipe 125 DN
- Hydraulic slide valve and connection for flushing head in series

### FEATURES AND OPTIONS:

- Choice between trailing shoe or dribble bar version
- Standard holding and security device
- Slurry macerator upgrade ExaCut ECQ instead of ECL
- Ball valves for part-width section cut-off
- Separate control box for manual control
- Hydraulic sequence control
- Splash plate with slides and T-fitting
- Swivel joint for easy direction change
- Pressure and flow rate display

### SPECIFICATIONS

Max. throughput: from 4,000 up to 7,800 l/min (depending on pressure and flow rate as well as dry matter content)

| Working width<br>in m | Number of<br>slurry macerators | Hose distance<br>in cm | Transport width<br>in m | Weight (hose)<br>in kg | Weight (shoe)<br>in kg |
|-----------------------|--------------------------------|------------------------|-------------------------|------------------------|------------------------|
| 6                     | 1                              | 25                     | 2.5                     | 920                    | 960                    |
| 7,5                   | 1                              | 25                     | 2.5                     | 1,020                  | 1,070                  |
| 9                     | 1                              | 25                     | 2.99                    | 1,090                  | 1,150                  |
| 9*                    | 1                              | 25                     | 2.5                     | 1,120                  | 1,200                  |
| 10.5*                 | 1                              | 25                     | 2.5                     | 1,150                  | 1,250                  |
| 12*                   | 1                              | 25                     | 2.5                     | 1,300                  | 1,370                  |

\* Automatic end arm folding (optional for 9 m).



# BackPac dribble bar slurry applicator (21 to 32 m)

**Large working widths, lightweight,  
universal and super smart**

The solution for hosing systems independent of the towing vehicle

### Advantages:

- Minimum total weight of the spreading system for minimum soil compaction
- Very high impact force due to continuous spreading
- Maximum flexibility: Ideally coordinated folding mechanisms allow up to four different working widths to be set, without frame parts protruding and additional hose groups can be switched off individually
- Dimensionally stable end hoses divide the crop for minimal crop contamination and optimal slurry placement at equally-spaced intervals
- Slope compensation: Optimal adaptation to the soil conditions
- Fully automatic control: Maximum user-friendliness thanks to customized headland and folding management
- Maintenance-free joints

### FEATURES AND OPTIONS:

- 3-point design including mounting foot
- Active slope compensation: Inclination angle of the linkage is controllable
- ISOBUS capable control
- Digital flow and pressure measurement
- Pulling arm with swivel flange
- Automatic rinsing function
- Partial width management: Gate valve or Comfort Flow Control

### SPECIFICATIONS

Max. flow rate: up to 15,600 l/min (depending on pressure and flow rate as well as DS content)

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Hose distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 21                    | 18                  | 2                              | 26.25                  | 2,950                              |
| 24                    | 21   18             | 2                              | 25   30                | 3,000                              |
| 27                    | 24   18             | 2                              | 28.13                  | 3,250                              |
| 30                    | 27   24<br>18       | 2                              | 31.25                  | 3,300                              |
| 32                    | 30   27<br>24   18  | 2                              | 33.33                  | 3,450                              |



# BackPac Slide trailing shoe slurry applicator (21 to 30 m)

## Lightweight with high impact force

The flexible trailing shoe system for hosing systems

### Advantages:

- Minimal total weight of the slurry spreading system for minimum soil compaction
- Maximum flexibility: Four different working widths without overhanging frame parts and additional hose groups can be switched off individually
- Precise placement of slurry in a narrow band below the crop thanks to dimensionally stable BaseRunner trailing shoes
- Slope compensation: Optimal adaptation to the soil conditions
- Fully automatic control: Maximum user-friendliness thanks to customized headland and folding management
- Maintenance-free joints

### FEATURES AND OPTIONS:

- 3-point design including mounting foot
- Active slope compensation: Inclination angle of the linkage is controllable
- ISOBUS capable control
- Digital flow and pressure measurement
- Pulling arm with swivel flange
- Automatic rinsing function
- Partial width management: Gate valve or Comfort Flow Control
- Lifting device

### SPECIFICATIONS

Max. flow rate: up to 15,600 l/min (depending on pressure and flow rate as well as DS content)

| Working width<br>in m | Foldable to<br>in m | Number of<br>slurry macerators | Shoe distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|---------------------|--------------------------------|------------------------|------------------------------------|
| 21                    | 18                  | 2                              | 26.25                  | 3,150                              |
| 24                    | 21   18             | 2                              | 25   30                | 3,200                              |
| 27                    | 24   18             | 2                              | 28.13                  | 3,450                              |
| 30                    | 27   24<br>18       | 2                              | 31.25                  | 3,500                              |



# Compax dribble bar slurry applicator (12 to 18 m)

**Compact on the road, powerful in the field**

The flexible solution for self-propelled vehicles

## Advantages:

- Compact design due to intelligent folding mechanisms
- Trimmed for throughput performance: Hose diameter in 50 DN
- Can be attached to any self-propelled vehicle
- Dimensionally stable end hoses divide the crop for minimal crop contamination and optimal slurry placement at equally-spaced intervals
- Slope compensation: Optimal adaptation to soil conditions
- Fully automatic control: Maximum user-friendliness thanks to customized folding management
- Low total weight

## FEATURES AND OPTIONS:

- Precise slurry maceration thanks to ExaCut ECL
- 3-point design including mounting foot
- Active slope compensation: Inclination angle of the linkage is controllable
- ISOBUS capable control
- Partial width management: Gate valve or Comfort Flow Control

## SPECIFICATIONS

Max. flow rate: up to 12,000 l/min (depending on pressure and flow rate as well as DS content)  
Transport width: < 3 m

| Working width in m | Number of slurry macerators | Hose distance in cm | Weight (basic version) in kg |
|--------------------|-----------------------------|---------------------|------------------------------|
| 12                 | 2                           | 30                  | 1,800                        |
| 15                 | 2                           | 31.25               | 1,900                        |
| 18                 | 2                           | 22.5                | 2,850                        |



# Compax Slide trailing shoe slurry applicator (18 m)

## Directly at the plant, compact on the road

The flexible trailing shoe system for self-propelled vehicles

### Advantages:

- Compact design due to intelligent folding mechanisms
- Trimmed for throughput performance: Hose diameter in 50 DN
- Can be attached to any self-propelled vehicle
- Precise placement of slurry in a narrow band below the crop thanks to dimensionally stable BaseRunner trailing shoes
- Slope compensation: Optimal adaptation to soil conditions
- Fully automatic control: Maximum user-friendliness thanks to customized folding management
- Low total weight

### FEATURES AND OPTIONS:

- Precise slurry maceration thanks to ExaCut ECL
- 3-point design including mounting foot
- Active slope compensation: Inclination angle of the linkage is controllable
- ISOBUS capable control
- Partial width management: Gate valve or Comfort Flow Control
- Optionally with lifting device

### SPECIFICATIONS

Max. throughput capacity: up to 12.000 l/min (depending on pressure and flow rate as well as DS content)

Transport width: < 3 m

| Working width<br>in m | Number of<br>slurry macerators | Shoe distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|--------------------------------|------------------------|------------------------------------|
| 18                    | 2                              | 22.5                   | 2,950                              |



# SwingUp dribble bar slurry applicator (7,5 to 18 m)

## Proven technology that pays off

Universal use featuring compact dimensions and high-quality workmanship

### Advantages:

- All-rounder for slurry spreading: Regardless of the area of application, SwingUp ideally equips for legally compliant slurry spreading\*
- Ideal for retrofitting: Easy to attach to any tanker
- Very light and compact – weighs approx. 1,050 kg with a working width of 15 m
- Dimensionally stable end hoses divide the crop for minimal crop contamination and optimal slurry placement at equally-spaced intervals
- DropStop via separate control unit: Swinging up the hoses without folding the side arms

\* Not in every country.

### FEATURES AND OPTIONS:

- Fixed attachment or 4-point version including mounting foot
- Hydraulic unlocking of the side arms (for fixed attachment)
- Partial width management: Gate valves, ball valves or Comfort Flow Control
- TeleShift to reduce the transport length
- End hoses in 50 DN for smooth flow of the medium
- Separate control box or ISOBUS application for manual control

### SPECIFICATIONS

Max. flow rate: up to 14,000 l/min (depending on pressure and flow rate as well as DS content)  
Transport width up to tank diameter 2.1 m: <3 m

| Working width<br>in m | Number of<br>slurry macerators | Hose distance<br>in cm | Weight<br>(basic version)<br>in kg |
|-----------------------|--------------------------------|------------------------|------------------------------------|
| 7,5                   | 1                              | 25                     | 870                                |
| 9                     | 1                              | 30                     | 900                                |
| 12                    | 2                              | 25                     | 990                                |
| 15                    | 2                              | 25                     | 1,050                              |
| 18                    | 2                              | 30                     | 1,930                              |



# SyreN slurry acidification system

## Lower emissions, higher yields

With slurry stabilization  
for optimum nutrient utilization

### Advantages:

- Superior nutrient utilization thanks to reduction in nitrogen losses of up to 70 %
- Adding sulphuric acid shifts the ammonia-ammonium balance
- Nutrients are available to plants more quickly, emissions are reduced
- Additional fertilization with sulfur and phosphate mobilization
- Increase in yields due to optimized use of nutrients
- High area coverage and fewer lanes keep crop damage to a minimum compared to the injection method
- Even more emission saving for future-oriented slurry management
- Front tank system for maximum safety and practicality

### FEATURES AND OPTIONS:

- Additive tank for using nitrification inhibitors available
- The system is connected via ISOBUS using the existing isobus terminal of the tractor or an external terminal
- Three add-on cameras for maximum overview and traffic safety
- ADR safety package
- Front suction arm with PowerFill accelerator for optimal integration into field logistics available

### SPECIFICATIONS

|                             |       |
|-----------------------------|-------|
| Tare weight in kg           | 1,100 |
| Max. operating weight in kg | 3,800 |
| Width in mm                 | 2,512 |
| Depth in mm                 | 1,725 |
| Height in mm                | 1,392 |
| Oil quantity in l/min       | 25    |



# SynCult Upgrade Kit

## Professional upgrade kit for direct incorporation of slurry

Efficient fitting kit for various cultivators

### Advantages:

- Direct incorporation of slurry for optimum use of nutrients
- Combines several work steps in one to save on time and costs
- Pre installed slurry macerator and hose kit with fixtures for a quick and easy installation in factory or for retrofit

### FEATURES AND OPTIONS:

- Working widths of 4 - 12 m (depending on the manufacturer)
- Equipped with DosiMat or ExaCut slurry macerators depending on working width
- Adapter system for slurry macerators included
- Hose diameter 50 DN

### SPECIFICATIONS

SynCult is available for tillage units by Amazone, Horsch, Köckerling and Lemken. We will be pleased to provide detailed specifications on request.

Flow rates up to 11,000 l/min



# XTill<sup>®</sup> Strip Till System

## Strip tillage with optional slurry underfoot fertilization

Innovative working combination

### Advantages:

- Combines several work steps in one to save on time and costs
- Tools individually guided on the parallelogram for a precise and consistent working depth
- Adjustable placement depth of the medium, independent of the working depth
- Star-shaped clearing discs separate the crop and ensure a clean furrow
- Each plowshare is protected by a hydraulic stone protector

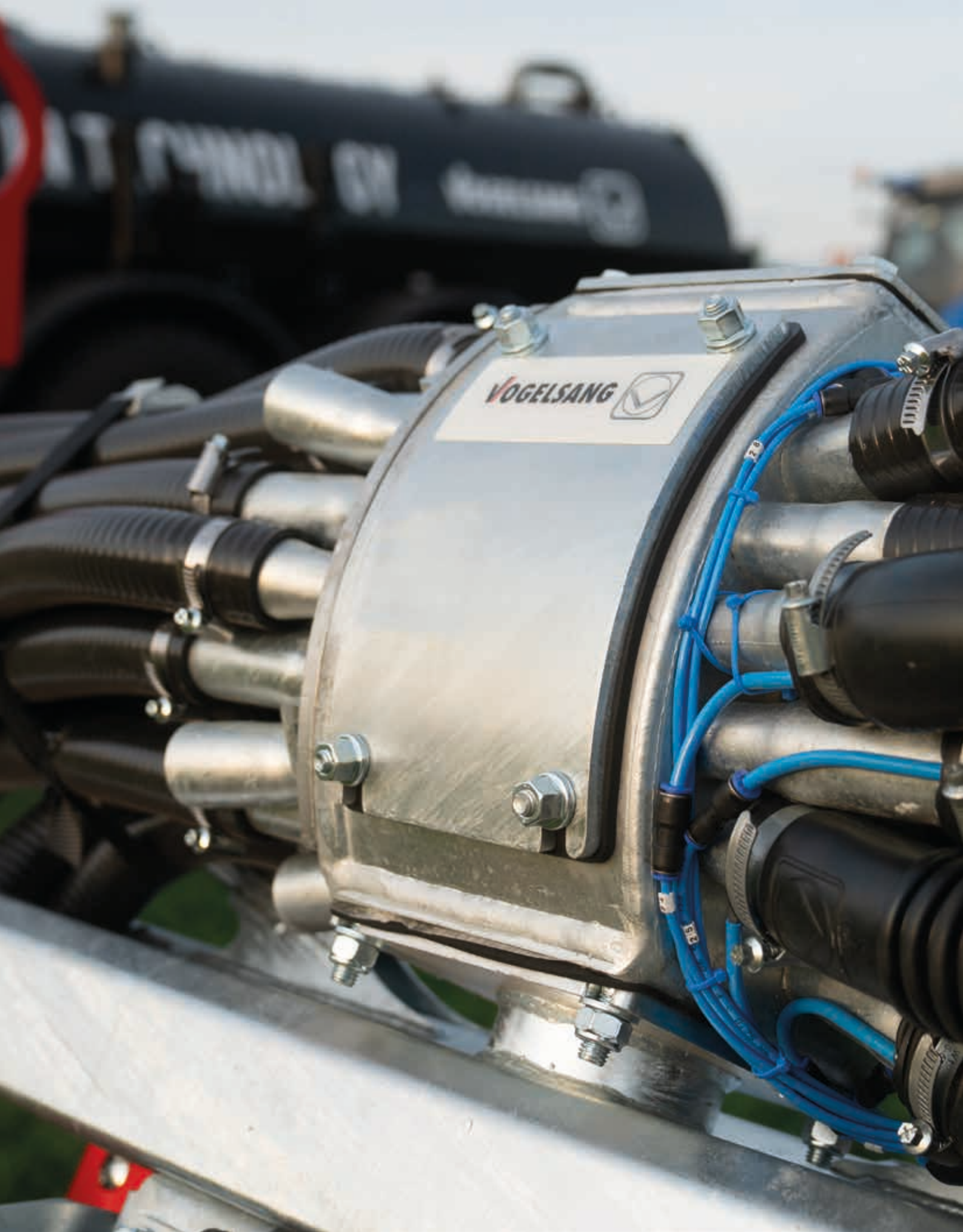
### FEATURES AND OPTIONS:

- Hydraulically foldable frame for 3 m transport width
- Open or closed pressure rollers
- Integrated height control on coulter blade
- DosiMat DMX slurry macerator
- LED lighting

### SPECIFICATIONS

|                                |  |             |             |             |             |             |             |
|--------------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|
| No. of rows                    | 4  | 6           | 7           | 8           | 9           | 11          | 12          |
| Transport width in m           | 3.0  | 3.0         | 3.0         | 3.0         | 3.0         | 3.0         | 3.0         |
| Row spacing in cm              | 47 – 75  | 47 – 75     | 47 – 75     | 47 – 75     | 47 – 50     | 47 – 50     | 47 – 50     |
| Working width                  | Depends on the row spacing   |             |             |             |             |             |             |
| Required hydraulic connections | 1 x DW (double-acting control unit) for side arm flaps, 1 x DW for DosiMat DMX, 1 x EW (single-acting control control unit) for stone protector, 1 x compressed air connection |             |             |             |             |             |             |
| Design                         | Coulter blade, star-notched disk blades, loosening share with slurry placement, ridging disks, press wheels (available in different models)                                    |             |             |             |             |             |             |
| Slurry macerator               | DosiMat DMX  | DosiMat DMX | DosiMat DMX | DosiMat DMX | DosiMat DMX | DosiMat DMX | DosiMat DMX |







# The heart of all spreading systems

## Slurry macerators for powerful performance

- Precise of slurry and digestate as a natural source of nutrients for plants
- Lower nutrient loss and reduced mineral fertilizer thanks to precision slurry placement
- Optimal cutting performance and high accuracy for maximum precision
- Compatible and universal: From dribble bar and trailing shoe systems to slitters, cultivators and short disc harrows
- Long service life and user friendly maintenance from the technology leader

# ExaCut ECQ slurry macerator

**This is exactly how a slurry macerator should be**

The best result in combination with the easiest service concept

## Advantages:

- 99 % accuracy, making it Number 1 worldwide (DLG test report 7540)
- Q for QuickService: Simple and quick service without disconnecting hose units
- Very long service life of the cutting mechanism components compared to other distributors
- High cutting force due to “keep-in-touch” principle: Eccentric prevents the cutting blade from lifting off the cutting screen even with coarse disruptive matter
- User-friendly eccentric activation due to central clamping screw
- Self-sharpening cutting unit: Change of rotation direction ensures consistent sharpness throughout the entire lifetime
- Increase in spreading capacity by almost 30 %
- Only 35 l oil capacity

## FEATURES AND OPTIONS:

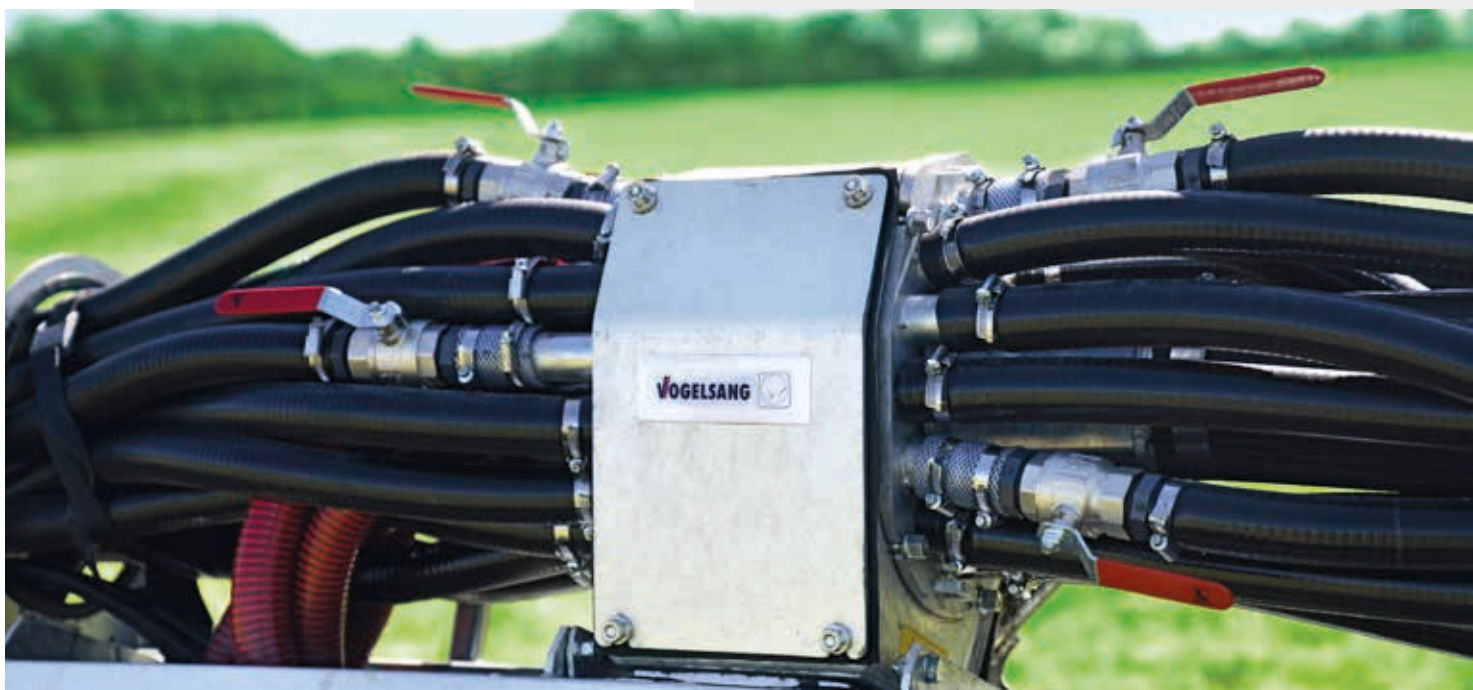
- TopInlet: Additional slurry inlet at the top of the slurry macerator for central positioning in the spreading applicator
- Individual configuration options for cutting rings and blades
- Rotation speed sensor
- Space available for heavy material separator
- Generous cross-sections up to 150 DN for maximum effectiveness: Reduced pressure losses and power consumption of the components in the slurry system



## SPECIFICATIONS

|                            |                          |
|----------------------------|--------------------------|
| Throughput l/min           | Up to 7,800*             |
| Number of outlets          | 24 – 48                  |
| Hose diameter              | 40 DN   50 DN            |
| Inlet diameter on the side | 100 DN   125 DN   150 DN |
| Oil quantity in l/min      | 35                       |

\* Depending on pressure and flow rate as well as DS content.



# ExaCut ECL slurry macerator

Proven precise slurry maceration with small space

Optimal cutting results, maximum reliability

## Advantages:

- Proven 10,000 times over: The best-selling slurry macerator in the world
- Wide variety and flexible use: The right slurry macerator for every application
- Excellent accuracy
- High cutting force: Eccentric adjuster for optimal contact pressure and efficient cutting performance
- Low wear of the cutting blades thanks to automatic adjustment
- Matched geometry of cutting screen and cutting blades for maximum cutting performance (scissors effect)
- Self-sharpening cutting tools: Reversing the rotation direction maintains a constant degree of sharpness over the entire lifetime
- Sealing package between the housing and the hydraulic motor for maximum operational safety

## FEATURES AND OPTIONS:

- Individual configuration options for cutting rings and blades
- TopInlet: Additional slurry inlet at the top of the slurry macerator for central positioning in the spreading applicator
- Space available for heavy material separator

## SPECIFICATIONS

|                       |               |
|-----------------------|---------------|
| Throughput l/min      | Up to 8,000*  |
| Number of outlets     | 18 – 48       |
| Hose diameter         | 40 DN   50 DN |
| Oil quantity in l/min | 60            |

\* Depending on pressure and flow rate as well as DS content.



# ExaCut ECM slurry macerator

## Small and compact

Precise slurry maceration without air suction in a small space

### Advantages:

- Very precise thanks to innovative rotor concept without ventilation
- Less space required and 30% less weight thanks to compact type of construction
- Very good average even at low slurry macerating amount
- Consistently good cutting performance thanks to self-sharpening blade design
- Less maintenance required, no need to clean air hoses

### FEATURES AND OPTIONS:

- Part width management with Comfort Flow Control
- TopInlet: Additional slurry inlet at the top of the slurry macerator for central positioning in the spreading applicator
- Individual configuration options for cutting rings and blades
- User-friendly heavy material separator

### TECHNISCHE DATEN

|                       |                            |
|-----------------------|----------------------------|
| Throughput l/min      | 7,000                      |
| Number of outlets     | 18   24   30   36          |
| Hose diameter         | 40 DN   50 DN              |
| Inlet Ø lateral (top) | 100 DN   125 DN   (150 DN) |
| Inlet position        | Lateral   top              |
| Oil quantity in l/min | 25                         |





VOGELSANG



# DosiMat DMX slurry macerator

## Makes a lot possible

Variable spreading rate, precise slurry maceration

### Advantages:

- More consistent yields thanks to precise spreading: Flow-optimised rotor contours ensure particularly even of slurry
- Consistently high slurry maceration accuracy regardless of the flow rate
- Powerful cutting mechanism components for up to 200,000 m<sup>3</sup> – less downtime and lower follow-up costs
- Service-friendly construction for quick and easy maintenance work – without long downtimes
- Sophisticated cutting blade contour for reliable shredding and homogenization of the slurry
- Air suction: Patented membrane for automatic regulation of air flow
- Weight reduction of up to 25 % through selection of ideal materials
- Sealing package between the housing and the hydraulic motor for maximum operational safety

### FEATURES AND OPTIONS:

- Thanks to different head diameters, small and large spreading quantities are possible
- Various combinations of head diameters, outlets and outlet sizes to comfort any requirement
- Energy-efficient designed rotors in straight or star shape allow different spreading rates
- Safety valve for maximum working safety

### SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Throughput l/min      | Up to 11,000 l/min*                                 |
| Number of outlets     | 08 – 60   |
| Hose diameter         | 40 DN   50 DN   60 DN                               |
| Oil quantity in l/min | Varies depending distributor size between 40 und 70 |

\* Depending on pressure and flow rate as well as DS content.



# Comfort Flow Control hose shut-off

## Individual switching of specific hose groups

Ingenious and patented

### Advantages:

- Reliable hose switch-off for part-width sections, tramlines, switch-off of individual groups
- Simple assembly and low cost
- Convenient operation per switchboard from the cab
- Trouble free operation thanks to a simple working principle
- Economical spreading for all field shapes
- Can be retrofitted to any system







# Powerful and reliable agricultural technology

## Pumps and cutters for agriculture

- Reliable components for comprehensive slurry management: from the farm to the plant
- Outstanding durability and low maintenance requirements due to highest material quality and integrated foreign matter protection
- Selection of drive variants, series and modes of operation delivers practical solutions
- Adaptable components for ideal combination with all manufacturers
- Modular design for individual further development and economical operation

# VX series rotary lobe pumps

**The professional among pumps: durable, powerful and easy to maintain**

The all-rounder

## Advantages:

- Sophisticated engineering ensures maximum service life with minimal operating costs
- Unique InjectionSystem: First integrated protection against foreign matter for rotary lobe pumps, paired with a more robust internal seal
- Quality Cartridge: Professional sealing technology for maximum operational reliability
- HiFlo rotary lobes: Pulsation-free pumping for exceptionally smooth running
- Axial and radial wear plates: Completely lined pump housing made of highly wear-resistant special steel to optimize service life and maintainability
- QuickService: Quick access to all wear parts without removing the pump
- Up to 37 % less weight than comparable models from other manufacturers

## FEATURES AND OPTIONS:

- Individual configuration options in terms of models, rotary lobes and materials
- Various drive options
- InjectionSystem for improved resistance to foreign matter
- Radial wear plates for extended maintenance intervals
- Flexurally stiff shafts for minimum shaft deflection, even at high pressure
- Replacement of individual parts enables cost-effectiveness thanks to element design
- Rotation speed sensor for precise spreading rates
- Universal Drive System enables different drive types

## SPECIFICATIONS

| Type                | Hub-Vol. in l | Max. pressure in bar (Q) | Max. pressure in bar (QDJ) | Max. capacity* in l/min | Max. speed in rpm |
|---------------------|---------------|--------------------------|----------------------------|-------------------------|-------------------|
| <b>Series VX136</b> |               |                          |                            |                         |                   |
| 70                  | 1.27          | 10                       | 12                         | 1,010                   | 800               |
| 105                 | 1.90          | 10                       | 12                         | 1,520                   | 800               |
| 140                 | 2.53          | 8                        | 12                         | 2,020                   | 800               |
| 210                 | 3.80          | 5                        | 10                         | 3,040                   | 800               |
| 280                 | 5.06          |                          | 8                          | 4,040                   | 800               |
| 420                 | 7.59          |                          | 6                          | 6,070                   | 800               |
| <b>Series VX186</b> |               |                          |                            |                         |                   |
| 92                  | 3.56          | 10                       |                            | 2,130                   | 600               |
| 130                 | 5.03          | 10                       | 12                         | 3,010                   | 600               |
| 184                 | 7.12          | 8                        | 12                         | 4,270                   | 600               |
| 260                 | 10.06         | 5                        | 10                         | 6,030                   | 600               |
| 368                 | 14.24         | 2 {3**}                  | 8                          | 9,000                   | 630               |
| 390                 | 15.09         | 2 {3**}                  | 7                          | 9,050                   | 600               |
| 520                 | 20.12         |                          | 6                          | 12,070                  | 600               |
| 736                 | 28.48         |                          | 3                          | 17,080                  | 600               |
| <b>Series VX215</b> |               |                          |                            |                         |                   |
| 226                 | 15.47         | 5                        | 8                          | 8,350                   | 540               |
| 320                 | 21.88         | 2.5                      | 7                          | 11,810                  | 540               |
| 452                 | 30.94         |                          | 5                          | 16,700                  | 540               |
| 640                 | 43.76         |                          | 3                          | 23,630                  | 540               |

\* Maximum theoretical volume flow. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity, and pump installation. We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted dimensioning software.

\*\* Not in continuous operation.



# LoadMaster rotary lobe pumps

**Powerful, compact and lightweight – pump technology specially designed for transport vehicles**

High power, low weight

**Advantages:**

- Approximately 45% lighter than comparable pumping, maximum payload for the vehicle
- Particularly space-saving thanks to compact design
- Lower power consumption and thus less energy demand
- New synchronisation discs ensure maximum smooth running
- Larger volume flows due to high-quality motors that ensure the maximum flow rate of the pump under continuous load
- Up to 4 times longer service life of the sealing package thanks to sophisticated geometry of the wear plate

**FEATURES AND OPTIONS:**

- Individual configuration options in terms of models, rotary lobes and materials
- InjectionSystem for improved resistance to foreign matter
- Axial and radial wear plates made of highly wear-resistant special steel for less and faster service
- Quality Cartridge: Professional sealing technology for maximum operational reliability
- Rotation speed sensor for precise spreading rates

**SPECIFICATIONS**

| Type       | Hub-Vol. in l | Max. pressure in bar | Max. capacity* in l/min | Max. speed in rpm |
|------------|---------------|----------------------|-------------------------|-------------------|
| 186 - 184Q | 7.12          | 8                    | 4,270                   | 600               |
| 186 - 260Q | 10.06         | 5                    | 6,030                   | 600               |

\* Maximum theoretical volume flow. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity, and pump installation. We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted dimensioning software.



# FX series rotary lobe pumps

## Proven slurry pump for high demands

The progressive

### Advantages:

- No lubrication work required due to integrated recirculating oil lubrication system
- Block ring seal for long service life
- Self-priming and resistant to foreign matter
- Smooth running thanks to sophisticated rotary lobe arrangement
- Lower power requirement thanks to rotating separation plate
- Axial wear plates for maximum protection of the pump chamber
- Flexible use thanks to different drive types

### FEATURES AND OPTIONS:

- Axial wear plates made from highly wear-resistant special steel
- Variety of rotary lobes
- Block ring seal
- No need for oil recirculation lubrication

### SPECIFICATIONS

| Type                | Hub-Vol.<br>in l | Max. pressure<br>in bar | Max. capacity*<br>in l/min | Max. speed<br>in rpm |
|---------------------|------------------|-------------------------|----------------------------|----------------------|
| <b>Series FX116</b> |                  |                         |                            |                      |
| FX116-60            | 1.16             | 8                       | 750                        | 650                  |
| FX116-120           | 2.32             | 7                       | 1,500                      | 650                  |
| FX116-180           | 3.48             | 6                       | 2,250                      | 650                  |
| FX116-240           | 4.64             | 5                       | 3,000                      | 650                  |
| FX116-300           | 5.80             | 4                       | 3,800                      | 650                  |
| FX116-360           | 6.96             | 3                       | 4,500                      | 650                  |

\* Maximum theoretical volume flow. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity, and pump installation. We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted dimensioning software.



# R series rotary lobe pumps

Thousandfold proven pump technology for yard and field

The rugged

## Advantages:

- Keep it simple: Economic solution with all necessary functions
- Ideal for both occasional and simultaneously reliable use
- Self-priming and resistant to foreign matter
- Smooth running thanks to sophisticated rotary lobe design
- Axial wear plates for maximum protection of the pump chamber
- Flexible use thanks to different drive types

## FEATURES AND OPTIONS:

- InjectionSystem for improved resistance to foreign matter (R136 only)
- Axial wear plates made from highly wear-resistant special steel
- Variety of rotary lobes also as back solution with stone trap

## SPECIFICATIONS

| Type               | Hub-Vol. in l | Max. pressure in bar | Max. capacity* in l/min | Max. speed in rpm |
|--------------------|---------------|----------------------|-------------------------|-------------------|
| <b>Series R116</b> |               |                      |                         |                   |
| 60                 | 1.16          | 5                    | 750                     | 650               |
| 120                | 2.32          | 5                    | 1,500                   | 650               |
| 180                | 3.48          | 5                    | 2,250                   | 650               |
| 240                | 4.64          | 5                    | 3,000                   | 650               |
| 300                | 5.80          | 4                    | 3,800                   | 650               |
| 360                | 6.96          | 3                    | 4,500                   | 650               |
| <b>Series R136</b> |               |                      |                         |                   |
| 70                 | 1.27          | 5                    | 800                     | 650               |
| 150                | 1.90          | 5                    | 1,200                   | 650               |
| 140                | 2.53          | 5                    | 1,650                   | 650               |
| 210                | 3.80          | 5                    | 2,500                   | 650               |
| 280                | 5.06          | 5                    | 3,300                   | 650               |
| 350                | 6.33          | 5                    | 4,100                   | 650               |
| 420                | 7.59          | 5                    | 5,000                   | 650               |

\* Maximum theoretical volume flow. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity, and pump installation. We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted dimensioning software.



# ProCap T progressive cavity pump

## Completes the portfolio of positive displacement pumps

Robust pump solution with compact installation dimensions

### Advantages:

- More compact installation dimensions compared to other screw pumps
- Large ball passage for maximum power and lifetime
- Low-wear pumping thanks to high resistance to foreign objects
- Modular rotor-stator system for low spare parts inventory and flexible service
- Fully welded housing guarantees lifetime

### FEATURES AND OPTIONS:

- High-quality mechanical seal for long pump service life
- Hollow rotor for smooth running
- Robust, maintenance-free universal joints
- Double bearings in the drive adapter for higher stability
- Optional: Reduction gear with low shaft misalignment

### SPECIFICATIONS

| Type | Hub-Vol.<br>in l | Max. pressure<br>in bar | Max. capacity*<br>in l/min | Max. speed<br>in rpm |
|------|------------------|-------------------------|----------------------------|----------------------|
| 4250 | 7.87             | 6                       | 4,250                      | 540                  |
| 6000 | 11.11            | 6                       | 6,000                      | 540                  |

\* Maximum theoretical volume flow. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity, and pump installation. We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted dimensioning software.



# RotaCut® cutter

## Maximum cutting performance with reliable foreign matter separation

Protects pump and system technology

### Advantages:

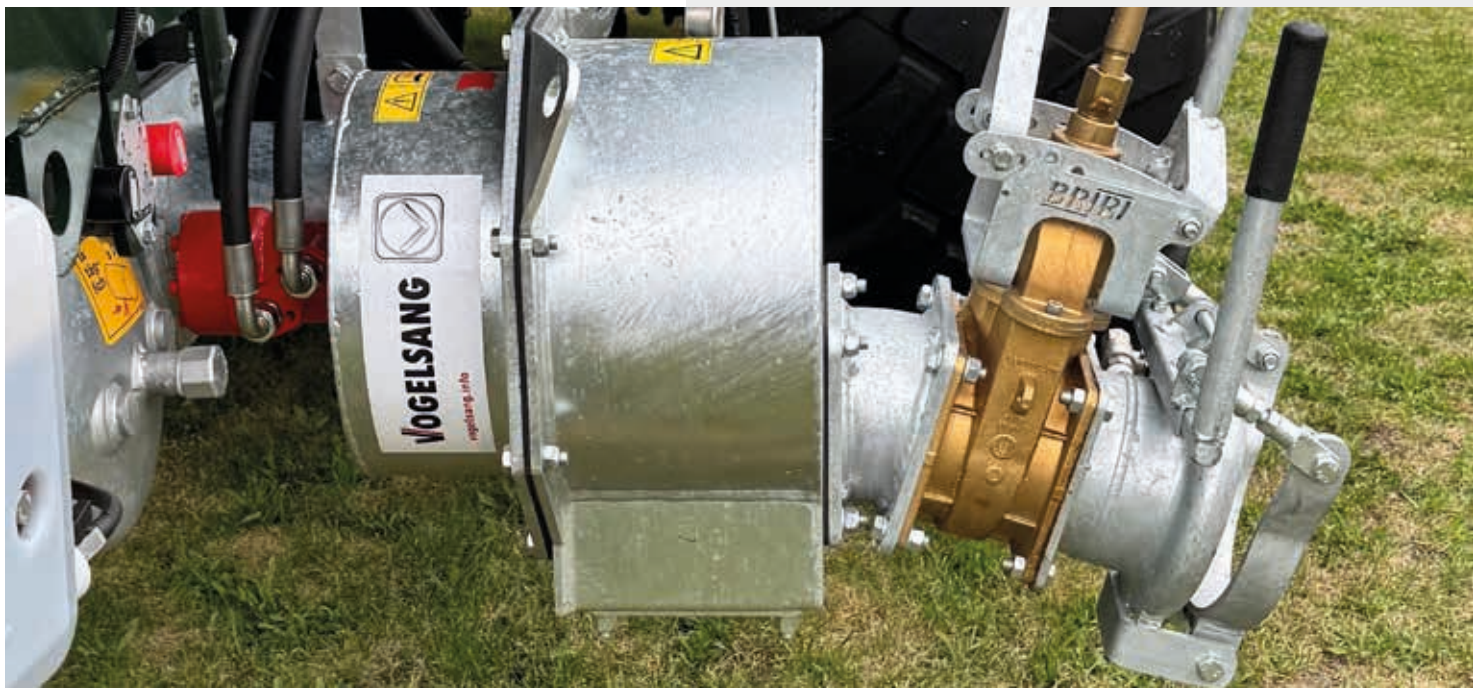
- Reliably shreds fibrous and foreign matter in liquid media
- Optimally tailored components for every application
- Unique cutting performance thanks to optimized cutting geometry and automatic reversal of the direction of rotation
- Optional Automatic Cut Control (ACC) for permanently constant cutting performance and reduced wear
- Sophisticated housing design for high separation efficiency
- Easy to maintain due to good accessibility of the cutter unit components

### FEATURES AND OPTIONS:

- Drive variants with hydraulic and gear motor
- Individual designs for every application, whether stationary or mobile
- Cutting screens in different shapes and sizes, customizable
- Automatic Cut Control for constant contact pressure between the cutting blade and screen: as high as necessary, as low as possible

### SPECIFICATIONS

| Typ          | Max. flow rate l/min |
|--------------|----------------------|
| RC 5000 M    | 5,000                |
| RC10000 M    | 10,000               |
| RC 5000 MXL  | 5,000                |
| RC 10000 MXL | 10,000               |
| RCX-58G MXL  | 12,500               |





# FillMaster tanker filling station

## Convenient and time saving

System for rapid tanker filling

### Advantages:

- Reliable and fast filling of the tanker
- Unique and convenient connection and disconnection of hoses
- Choice of operating mode: FillMaster S is a stationary tanker filling station and FillMaster M is a mobile version on the tractor
- Stationary pumping system: VX-series rotary lobe pump or PowerFill filling aid
- Mobile pumping system: VX series rotary lobe pumps

### FEATURES AND OPTIONS:

- Stationary: Optional control of the filling arm for filling from the operator's cab
- Stationary: Various drive options available for the FillMaster S
- Mobile: With three-point base for transport with any tractor
- Mobile: Filling with Perrot coupling or optional riser pipe with boom
- Mobile: Version with heavy material separator
- RotaCut cutter optionally combinable

### SPECIFICATIONS

| Type       | Max. flow rate in l/min | Max. pressure in bar (QD) |
|------------|-------------------------|---------------------------|
| FillMaster | 6,030                   | 10                        |
| FillMaster | 9,000                   | 8                         |



# PowerFill turbo filler

## Efficient and fast

Optimized filling of vacuum tankers

### Advantages:

- Up to 30% faster filling of vacuum tankers
- Less foaming, tanker volume can be fully utilised
- More precise slurry spreading due to homogenization
- Easy to retrofit
- Surprising performance despite compact design
- High volume flow thanks to optimized engineering

### FEATURES AND OPTIONS:

- Various drive options (hydraulic or mechanical)
- Integrated cleaning port
- 6" or 8" version
- Available as PowerFill Small variant with 40 % less weight

### SPECIFICATIONS

| Motor type:<br>Hydraulic motor | Speed in rpm | Differential<br>pressure in bar | Hydraulic capacity<br>of tractor in l/min | Maximum oil flow<br>in l/min | Optimum oil flow<br>in l/min | Connection flange<br>in<br>in" |
|--------------------------------|--------------|---------------------------------|---|------------------------------|------------------------------|--------------------------------|
| <b>PowerFill</b>               |              |                                 |   |                              |                              |                                |
| OMR<br>100                     | 600          | 140 – 160                       | min. 55                                   | 70                           | 60                           | 6,<br>DN 150                   |
| OMS<br>100                     | 750          | 140 – 160                       | min. 65                                   | 85                           | 75                           | 8,<br>DN 200                   |
| SCM<br>084                     | 1,000        | 200 – 350                       | min. 65                                   | 90                           | 85                           | 8,<br>DN 200                   |
| <b>PowerFill S (Small)</b>     |              |                                 |   |                              |                              |                                |
| OMS<br>100                     | 750          | 140 – 160                       | min. 65                                   | 85                           | 75                           | 8,<br>DN 200                   |
| SCM<br>084                     | 1,000        | 200 – 350                       | min. 65                                   | 90                           | 85                           | 8,<br>DN 200                   |



# XSplit® screw press separator

## Absolute maintainability due to innovative design

High throughput with adjustable DS content

### Advantages:

- Perfect separation of slurry and digestate
- High dry matter content of up to 40 %
- Variation of the DS content due to adjustable pressing range
- Very easy access to the cutting screen and feed screw for quick service
- No shaft seal required thanks to the innovative drive arrangement behind the solid matter outlet
- Reliable plug formation with almost no leakage
- Ideal separation results thanks to high-quality elastomer sealing disc
- Optimal separator start-up behavior
- Small space requirement thanks to compact design

### FEATURES AND OPTIONS:

- QuickService concept for optimal maintenance conditions
- Optional: VarioAdjust for hydraulic adjustment of the contact pressure
- Available with different control systems, lifting frames and pumps
- Different sieve baskets possible

### SPECIFICATIONS

|                                |               |
|--------------------------------|---------------|
| Flow rate in m <sup>3</sup> /h | up to 50      |
| DS content in %                | up to 40      |
| Speed in rpm                   | 15 – 36       |
| Drive power in kW              | 4 – 7.5       |
| Dimensions<br>LxWxH in mm      | 1,450x550x950 |



# XSplit® Compact screw press separator

Compact system solution for your own business

All the advantages in a smaller design

## Advantages:

- Up to 40 percent dry matter content
- Perfectly matched components
- Offers all the advantages of the XSplit, such as ease of servicing
- Pressure-controlled control element for smooth operation
- Easy transportation thanks to forklift pockets
- Compact design that minimizes space requirements during operation and storage

## FEATURES AND OPTIONS:

- Forklift pockets for easy transport
- Also available with a double-chamber-pump (only one pump for supply and discharge)
- Different sieve baskets possible

## SPECIFICATIONS

|                                |          |
|--------------------------------|----------|
| Flow rate in m <sup>3</sup> /h | up to 10 |
| Discharge height               | 1,5      |
| Weight in kg                   | 875      |
| Drive power XSplit in kW       | 4        |
| Drive power pump in kW         | 4        |



# When it comes to service, we leave nothing to chance

## Comprehensive services for smooth operation and a long lifetime

### Support and supply from A to Z

Because we are aware that close customer proximity is essential for our mutual success, we design our services to best meet your needs. In Germany and in countries where we have subsidiaries, Vogelsang service centers and contractual partners generate an active dialog with our customers and provide reliable support.

This means you always get the precise support you need in every phase of our partnership. Our highly qualified staff make it possible – experts such as consultants and technicians who know your Vogelsang machines inside and out.



Since its establishment in 1929, Vogelsang has become an internationally recognized mechanical engineering company with numerous branches, sales centers and subsidiaries.



### **We think ahead**

Thinking ahead in your best interest begins with our extensive and detailed product documentation. Spare parts are available within a short time due to our high degree of vertical integration in production. In addition, you will always find an authorized service partner in your area who can help with repairs and wear part replacement. The Vogelsang ServicePack completes the offer. Whether you need start-up, on-site training, training at the Vogelsang facility, or full service support with a maintenance contract and a wear parts service package – we offer a support program tailored specifically to your needs.

## What we offer

We offer 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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Solutions for efficient slurry management\_EN-INT\_09207725\_MET0000717 – Printed in Germany

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