

THE RIGHT ANSWER FOR SLURRY TECHNOLOGY

VOGELSANG – LEADING IN TECHNOLOGY

NEW

VOGELSANG
BETEC



Something new is taking shape

Welcome to our new, comprehensive spreading technology offer

Our new brand!
With immediate effect, Vogelsang and BeTEC have combined their strengths in the field of slurry application booms and, under the Vogelsang-BeTEC brand, have created a new, comprehensive range to suit every application, every user and every budget.

New product portfolio
The new product range is clearly structured into the following product categories
- „SideClosing" trailing shoe linkages
- „BackClosing" trailing shoe linkages
- Dribble bar linkage
- Umbilical systems

SideClosing
For working widths ranging from 7.5 to 18 metres, we continue the tried-and-tested **BlackBird Single, Light** and **Pro** product range.

With the **RedLine** and the **GreenLine**, as well as various standard and optional packages, we also distinguish between the efficient basic type (GreenLine) and the advanced professional solution (RedLine).

For working widths of 21 to 30 metres, the **XTrail** and **XTrail Plus** applicators strengthen our portfolio. The professional solution, the **BlackBird Max 30 m**, remains a key component of our portfolio.

BackClosing
The new, more comprehensive range of BackClosing applicators opens up many new possibilities for both mounted and self-propelled vehicles:

With the **Stylo** and **Hilly** series, complemented by the **UniSpread** range, solutions are available in working widths from 6 to 12 metres to meet all requirements for retrofitting and fixed mounting. For widths above 12 metres and up to 30 metres, we also present the well-known **Cameleon** and **Cameleon Light** series, designed specifically for self-propelled vehicles.

Dribble bar linkages
In the dribble bar segment, we continue the **SwingUp** (7.5 to 18 m), **SwingMax** and **SwingMax Slide** (21 to 36 m) ranges.

Umbilical solutions
All BackClosing solutions ranging from 6 to 30 metres (**Stylo, Hilly, UniSpread, Cameleon Light** & **Cameleon**), supplemented by **BackPac** 21 to 30 metres, can be adapted for umbilical spreading!

Slurry macerators
The range of distributor heads is also expanding: in addition to the tried-and-tested **ExaCut** eccentric technology in the **ECL, ECM** and **ECQ** variants, the BlackBird GreenLine range, as well as the Stylo, Hilly and Cameleon & Cameleon Light series, are now available with the **OptiCut** distributor featuring a spring-preloaded cutting unit.






Vredo

Tried-and-tested-our BlackBird® family

RedLine and GreenLine – the tried-and-tested BlackBird design in two types



7.5 m – 18 m: The BlackBird® family
For working widths of 7.5 to 18 m, we continue with the tried-and-tested **BlackBird** product range, comprising the **Single, Light** and **Pro** series.

We use the terms **RedLine** and **GreenLine** to distinguish the efficient basic type (GreenLine) from the advanced professional solution (RedLine).

The **RedLine**, visually recognisable by its striking red parts, is the **advanced solution** for the more demanding applications of the professionals. For maximum performance, **ExaCut** slurry macerators and **PrecisionFlow skids** are standard here. Macerator upgrades and option packages such as **DoubleFlow** and **NightShift** are available as well.

The **GreenLine**, with its green parts, is the value-for-money **basic solution**, which offers sufficient performance in a wide range of applications thanks to **OptiCut** distribution technology and standard skids.

21 – 30 m: XTrail and BlackBird® Max
In working widths of 21 to 30 m, the high-performance **XTrail** and **XTrail Plus** applicators, featuring up to 4 slurry macerators, strengthen the range. The highly flexible **BlackBird Max 30 m** remains a key choice, particularly for big-size farms and contractors.



BlackBird® general features

- Easy retrofitting; road safety mechanism integrated into the side arm cylinder
- Optimal ground adaptation thanks to passive pendulum compensation
- DropStop: reduces contamination at headlands, on roads and paths
- 3D impact protection: secures and protects the linkage

GreenLine – features & options

- OptiCut slurry macerators with spring-loaded cutting unit
- Standard skids
- Optional: Upgrade to ExaCut ECL distributor, standard twin skids

RedLine – features & options

- Precise slurry distribution thanks to the ExaCut ECL, ECM or ECQ slurry macerators
- Reduced wear: Lightweight skids made from special plastic with carbide inserts (Single, Light) or cast skids (Pro)
- PrecisionFlow: flow-optimised skids for minimal crop contamination
- Optional: DoubleFlow twin skids, NightShift boom lighting



BlackBird Single 7.5 m - 12 m
Ideal for retrofitting in fixed mounting



BlackBird Light 12 m - 15 m
Ideal for retrofitting in fixed mounting



BlackBird Pro 12 m - 18 m
Fixed mounting or 4-point receptacle



XTrail, XTrail Plus 21 m - 30 m
Fixed mounting or 4-point receptacle

	BlackBird Single		BlackBird Light		BlackBird Pro		XTrail	XTrail Plus	BlackBird Max
	RedLine	GreenLine	RedLine	GreenLine	RedLine	GreenLine			
Working width (m)	7.5 | 9 | 10.5 | 12	7.5 | 9 | 10.5 | 12	12 | 15	12 | 15	12 | 15 | 18	12 | 15 | 18	21 | 24	27 | 30	30
Transport width (m)	2.55	2.55	2.99	2.99	2.99	2.99	2.99	2.99	2.99
Hose distance (cm)	25	25	25	25	25	25	25	25	25
Slurry macerator	1 x ExaCut ECL	1 x OptiCut	2 x ExaCut ECM	2 x OptiCut	2 x ExaCut ECM	2 x OptiCut	2 x OptiCut	4 x OptiCut	4 x ExaCut ECM
Trailing shoe	Premium	Standard	Premium	Standard	Premium	Standard	Standard	Standard	Premium
Terrain adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



The right solution for every requirement

A wide range of applicators to meet the various requirements, from retrofitting to new installations in on-farm mechanization



Stylo 6 m – 9 m
The cost-effective entry-level solution



Hilly 10,5 m – 12 m
For tanker and self-propelled vehicles



UniSpread 6 m – 12 m
The flexible applicator for all working widths



Performance for professionals

High-performance BackClosing applicators for powerful tankers and self-propelled slurry tankers



Cameleon Light 12 m – 18 m
Reduced weight ideal for umbilical use

Cameleon Light 12 m – 30 m
Our pro-version for self-propelled vehicles

	Stylo	Hilly	UniSpread	Cameleon Light	Cameleon
Working width (m)	6 | 7.5 | 9	10.5 | 12	6 | 7.5 | 9 | 10.5 | 12	12 | 15 | 18	12 | 15 | 18 | 21 | 24 | 27 | 30
Transport width (m)	2.55	2.7	2.55	2.55	2.55 | 2.55 | 2.99 | 2.99 | 2.99 | 2.99 | 2.99
Hose distance (cm)	25	25	25	25	25
Slurry macerator	1 x OptiCut	1 x OptiCut	1 x ExaCut ECL	2 x OptiCut	2 | 2 | 2 | 4 | 4 | 4 x OptiCut
Trailing shoe	Standard	Standard	Premium	Standard	Standard
Umbilical option	Yes	Yes	Yes	Yes	Yes
Terrain adjustment	Yes	Yes	Yes	Yes	Yes



Lightweight construction, powerful performance

SwingUp dribble bar with compact dimensions for universal application



SwingUp 7.5 m – 9 m
Versatile use with compact dimensions



SwingUp 12 m – 18 m
Proven technology that pays off

	SwingUp	SwingUp	SwingMax	BackPac
Working width (m)	7,5 | 9	12 | 15 | 18	21 | 24 | 27 | 28 | 30 | 36	21 | 24 | 27 | 30 | 32
Transport width (m)	2,55	2,99	2,99 | 3,40	2,55
Hose distance (cm)	25 | 30	25 | 25 | 30	26 | 25 | 30 | 28 | 29 | 31 | 30	26 | 25 | 30 | 28 | 31 | 33
Slurry macerator	1 x ExaCut ECL	2 x ExaCut ECL	2 x (36m 3 x) ExaCut ECL	2 x ExaCut ECL
Trailing shoe	No	No	BaseRunner (not 36 m)	Base Runner (not 32 m)
Umbilical option	No	No	No	Yes
Terrain adjustment	No	No	Yes	Yes



Maximum power and flexibility

Swing Max and BackPac – professional booms for powerful and efficient spreading up to 36 metres



SwingMax 21 m – 36 m
Maximum impact and flexibility



BackPac 21 m – 32 m
Lightweight, sturdy and low in soil compaction



All working widths from 21 to 30 m are also available with BaseRunner trailing shoes at a choice!



The heart of all spreading systems

Slurry macerators for high-performance and accurate slurry distribution



Overview of Vogelsang distribution technology

ExaCut slurry macerator



ExaCut ECL

- Unique eccentric adjuster technology
- World's best-selling distributor
- Self-sharpening knives



ExaCut ECQ

- Unique eccentric adjuster technology
- Easy maintenance, big service port
- Long service life
- Low power requirements



ExaCut ECM

- Unique eccentric adjuster technology
- No air suction needed
- Extreme cutting power thanks to innovative rotor design

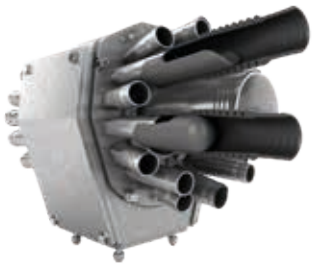
OptiCut slurry macerator



OptiCut

- Spring-preloaded cutting unit
- Various sizes

Additional equipment



Comfort Flow Control (CFC)

- Deactivation of defined hose groups
- For part-width sections or tramlines

When it comes to service, we leave nothing to chance

As always: comprehensive services to ensure smooth operation and a long lifetime

Support and supply from A to Z
Because we know that being close to our customers plays a key role in our shared success, we tailor our service accordingly.

In Germany and the countries where we have branches, we guarantee constant communication and reliable support for our customers through our own service centres or authorised partners.

This means that at every stage of our collaboration you will always receive the right support.To this end, highly qualified staff are at your disposal – experts, consultants and technicians who know your machine inside out.

We think ahead
This starts with our comprehensive and detailed documentation. Spare parts are available in no time at all thanks to our high level of in-house production. You'll always find an authorised service partner near you to help with repairs and wear part replacement.

The Vogelsang ServicePack complements our range of services. Whether it's start-up, on-site training and in-factory training, or a full service package with a maintenance contract and a wear part service package – we offer the right support to meet every customer's needs.



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

What we offer

We provide solutions in the following sectors:
AGRICULTURAL TECHNOLOGY, BIOGAS, INDUSTRY,
INFRASTRUCTURE, 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, buses and boats
- Wet grinders and solids reduction as well as separation technology

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