



VOGELSANG PRODUCT OVERVIEW

| North American Line Card



V/OGELSANG



Pumps - Wastewater, Industrial



VX-Series Rotary Lobe Pumps

- Easy maintenance, quick on-site service thanks to access to the pumping chamber simply by disassembling the cover
- Cost-effective operation thanks to a high degree of efficiency
- Comprehensive range of features and options
- Self-priming, resistant to dry running and foreign matter
- Long service life



Wine Pump

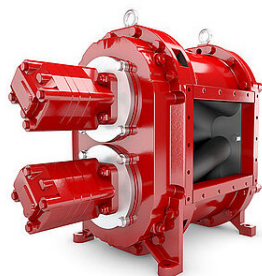
- Reduced wine oxygenation keeping high the wine flavors and quality
- Ideal for recirculation or pumping to/from the cellar
- Compact design: Low place requirements ensure fixed and mobile usage
- High availability of the pump thanks to easy and onsite maintenance



IQ-Series Rotary Lobe Pumps

- The easiest maintenance, rapid onsite service
- Quick, optimum access to the pumping elements
- Self-priming and resistant to dry running
- Easy and flexible to integrate

Pumps - Ag Focused



GL-Series Rotary Lobe Pumps

- Up to 54 % less weight
- Up to 35 % less space
- Easier service
- Lower power consumption
- Incredibly quiet running



FX-Series Rotary Lobe Pumps

- Additional lubrication is no longer required due to integrated circulating oil lubrication
- Rotating separation plate for low energy consumption
- Long lifetime thanks to industrial-standard block ring seal

Pumps - Ag Focused



R-Series Rotary Lobe Pumps

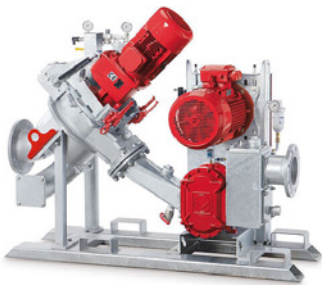
- Self-priming even from deep pits
- Reversible flow allows any flow direction to be used
- Long service life thanks to high resistance to foreign matter and the use of axial wear plates made of highly wear-resistant specialty steel
- Compact design saves space



Powerfill

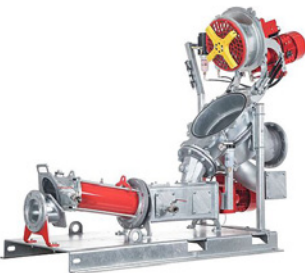
- Less wait time when filling the tanker with a vacuum system
- Full utilization of the transport volume via complete filling
- More precise spreading of liquid manure due to homogenization
- Simple to retrofit

Pump Systems



BioCut

- Cost-effective pumping thanks to optimally coordinated components
- Reliable conveying of a wide range of challenging media
- Separation of heavy material and treatment of disruptive matter before the pump
- Compact design and minimal space requirements
- Service and maintenance can be performed quickly and easily onsite



CC-Cut

- Efficient pumping thanks to optimally coordinated pump and cutter
- Reliable, trouble-free pumping of challenging and highly viscous media
- Treatment of disruptive matter and separating out of heavy material before the pump
- Low space requirements thanks to extremely compact design
- Maintenance and changing of parts can be performed quickly and easily on site

Grinders & Separators



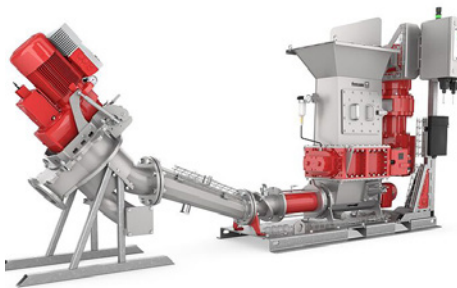
RotaCut Macerator

- Reliably macerates fibers and foreign matter in liquid media
- Protects downstream system components from damage caused by foreign matter
- Prevents blockages and clogging of pumps, fittings and pipe systems
- Reduces the viscosity and homogenizes liquids and suspensions
- Prevents floating layers



XRipper

- Economical shredding of solid and disruptive matter such as wet wipes, wood, fabric, trash, and waste
- Efficient protection for pumps and system components from clogging, blockages, and damage
- Always ready for operation thanks to straightforward maintenance
- Added reliability thanks to cartridge mechanical seal technology



RedUnit

- Individual engineering unit
- Compact and sturdy
- High availability thanks to quick and easy service
- Added safety due to cartridge mechanical seal technology
- Low electricity consumption



DebrisCatcher

- Prevents damage due to foreign matter such as stones and metal parts
- Prevents blockages of pumps, gate valves and valves
- High throughput with low power requirements
- Sturdy and robust thanks to counter bearing



Distrupator

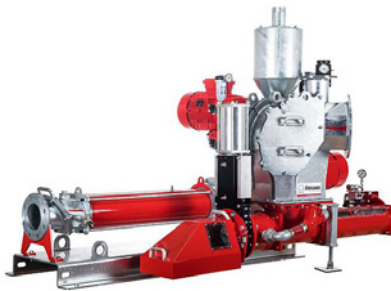
- Increases the surface of the biomass feed
- Homogenizes and reduces the viscosity of the organic suspension
- Accelerates and increases gas production
- Reduces the power consumption of mixers and pumps
- Easy to retrofit

Biogas, Solids Matter Feeding



CC-Mix

- Mashes simple biomass cost-effectively to form a homogeneous organic suspension
- An integrated foreign matter separator removes heavy material before it can reach the pump unit
- Is uncomplicated to integrate thanks to its compact dimensions and simple control
- Several digesters can be fed from one CC-Mix
- Easy to change parts on site



Pre-Mix

- Mashes a wide variety of biomass to a homogeneous organic suspension
- Separates out heavy material and shreds the solids before the pump unit
- Compact dimensions and easy to link in so its integration is uncomplicated
- Easy to feed several digesters with just one PreMix
- Easy and quick service on site



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
- Solids reduction, separators and mixers
- Spreading technology
- Supply, disposal and cleaning

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