



ENDURING, PRACTICAL, ECONOMICAL

# FarmerPump

The rotary lobe pump for  
agricultural applications



Industry



Waste water



Biogas



Railway



Agriculture

# Expect more! The FarmerPump has got it:

run more – less maintenance.  
Ideal for daily routine work.



Rotary lobe pumps for varied applications and simple servicing

### Making the basics better

That is what we aimed to do during the development of the new pump. Work must be easier and at the same time special requirements on the liquid manure medium must be satisfied completely. Moreover, the pump must be particularly durable and costs should be within reasonable limits. The result, our FarmerPump, a rotary lobe pump for day to day farm applications.

### Problem solved: lubrication no longer necessary

Lubricating is a hassle, especially when your actual work is done. The new FarmerPump saves you the hassle. Simple and effective oil circulation lubrication means that all gaskets are constantly lubricated and the grease gun remains on the shelf. Sometimes it is smaller things which make a pump a FarmerPump.

### Pump liquid manure professionally without increasing torque

Liquid manure contains a lot of fibrous matter. It tends to gather in gaps and cavities and increase the torque. This increases wear, wastes pumping power and ultimately energy. The FarmerPump rotates the separation plate with the lobes. One less fiber trap and more pump power and lower diesel consumption.

### Fibrous matter: Our block ring seals remain unimpressed

Mechanical seals are ten times more durable than radial shaft seals. This is why we optimized and changed the mechanical seal for a block ring seal and thus developed the perfect gasket for pumping liquid manure. Durable and resistant to fibrous matter. High-tech from the inventor of rotary lobe pumps for longer pumping times and reduced service times.

### Our rotary lobe pumps are liquid manure specialists

Pumping liquid manure is routine agricultural work. It has to be simple and fast. Vogelsang rotary lobe pumps have been reliably supporting farmers for over 30 years. They are powerful, self-priming, reversible and first and foremost resistant to foreign matter. Mobile, on a frame – they are very practical with their compact dimensions and can be operated everywhere via a power take-off. It is no surprise that the Vogelsang rotary lobe pump became the standard liquid manure pump for agricultural applications.

**FarmerPump** – specially designed for agricultural applications: up to max. 8 bar, up to max. 4500 l/min

**Profi series** – powerful pump with simple rotary lobe change system: up to max. 5 bar, up to max. 6000 l/min

**VX series** – High-end pump with HiFlo® lobes, QuickService function and InjectionSystem protection from foreign matter: up to max. 16 bar, up to max. 20500 l/min

machines and systems for liquid manure processing:

- PowerFill tank filling accelerator
- Mobile tank filling stations
- Precision distributors
- Dribble bar linkage for numerous applications
- XTill soil cultivation with and without root-level liquid manure fertilization

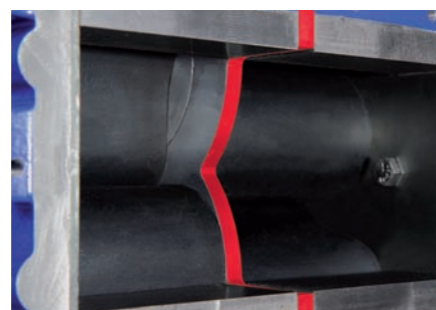


### Vogelsang's expertise in handling liquid manure

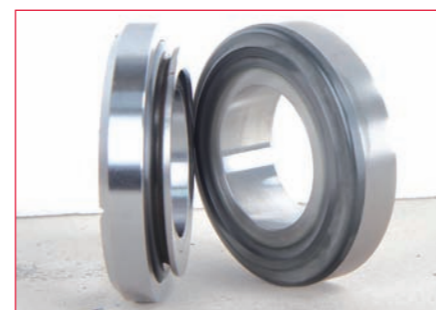
We have been using our innovative ideas for decades to ensure the efficient use of liquid manure. This know-how has enabled us to develop trend-setting



The maintenance friendly oil circulation lubrication is supplied by the pump gearbox



The rotating separation plate between the lobes prevents the accumulation of fibrous matter



Block ring seal: maximum resistance against fibrous matter

### Vogelsang rotary lobe pump features

- Self-priming, even from deep pits
- Pump direction reversing
- Resistant to foreign and fibrous matter
- Low space requirement
- PTO connection
- Easy to transport
- Easy maintenance

### Vogelsang rotary lobe pumps

**R series** – the robust basic pump: up to max. 5 bar, up to max. 4930 l/min

### FarmerPump technical data

Type	Stroke volume, l/U	Max. pressure, bar	Max. capacity l/min	Max. capacity m <sup>3</sup> /h	Max. speed rpm
FX 116-60	1.16	8	750	45	650
FX 116-120	2.32	7	1500	90	650
FX 116-180	3.48	6	2250	135	650
FX 116-240	4.64	5	3000	180	650
FX 116-300	5.80	4	3800	225	650
FX 116-360	6.96	3	4500	270	650



## Our company

Innovation and progress have been hallmarks of Vogelsang for over 80 years and have made us a leading global plant engineering company. Time and time again we have achieved significant milestones of progress. Today, we develop, manufacture and distribute some of the most innovative and reliable machines and systems for agriculture, municipalities and industry.

With our overseas subsidiaries and service centers, we are world-renowned for advanced engineering and customer-friendly solutions.

## Our product range

We offer solutions for the following areas:

- Industrial sector
- Waste water treatment
- Biogas
- Railway waste water disposal
- Agriculture

We offer a broad range of products:

- Rotary lobe pumps
- Maceration technology
- Distributors
- Spreading technology
- Supply and disposal systems
- Complete solutions

We also offer customized solutions for your specialized applications.

## How to reach us

Vogelsang is present worldwide. Visit us online for more information about our company and wide range of services: **vogelsang.info**

We are here to assist you and look forward to speaking with you.

## vogelsang.info

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Product availability, appearance, technical specifications and details are subject to continuous development. All information presented here is therefore subject to change.