



# FOCUSED ON PERFORMANCE

Pumping made easy with the new  
VX186GL rotary lobe pumps from Vogelsang

**VOGELSANG – LEADING IN TECHNOLOGY**

**NEW**

**VOGELSANG**







The established rotary lobe pumps of the VX series from Vogelsang are setting the standards in the market and are highly valued all over the world.

# REDUCED TO THE CORE OF THE MATTER

**The new VX186GL:  
Compact and lightweight  
as never seen before**



VX186GL

Less weight and smaller dimensions with the same performance – the new aluminum VX rotary lobe pump without gearbox is a real space-saving miracle. The VX series weighs less than half as much as the previous pumps of the same series and is an impressive 28 cm shorter thanks to the hydraulic motors, which are flanged directly in the housing – a decisive advantage for integration in tankers!

#### **About the VX186GL series**

The range of pumps in the VX series is extremely diverse and meets a wide variety of needs. The design ensures reliable flow performance and a long service life, no matter how tough or aggressive the medium to be pumped may be or how high the throughput must be.

As far back as 2017, Vogelsang launched a rotary lobe pump of the VX series on the market, in which parts of the housing and the lobe cores were made of aluminum. Of course, this did not apply to the components in contact with the medium, because the resistance of aluminum is not as high as that of gray cast iron or highly wear-resistant special steel. The service life of the VX series in aluminum is therefore as long as usual, but the weight saving is enormous – something that appeals to many customers, especially in the mobile machinery segment.

#### **More inside, less outside**

Vogelsang's pumps in the VX series are certainly highly prized by the agricultural industry for their versatility and compact dimensions in relation to performance. With this new design, the VX186GL is now up to 28 cm shorter than the previous models of the VX series with external gearbox.

This more compact design not only simplifies installation on mobile machinery. Combining the VX186GL with the aluminum construction allows weight savings of up to 189 kg. This saving of up to 51% increases the payload of the vehicle and thus makes it much more economical to use. Comparing the new VX186GL with models from other manufacturers, this innovative Vogelsang design saves up to 61% in weight. A value that speaks for itself.



## NEW

Even more service-friendly

## HiFlo® lobes

Pulsation-free pumping  
for very smooth running

## Axial and radial wear plates

Lined pump housing made of  
highly wear-resistant special  
steel to extend service life  
and increase maintainability

## NEW

Even lighter, even more compact

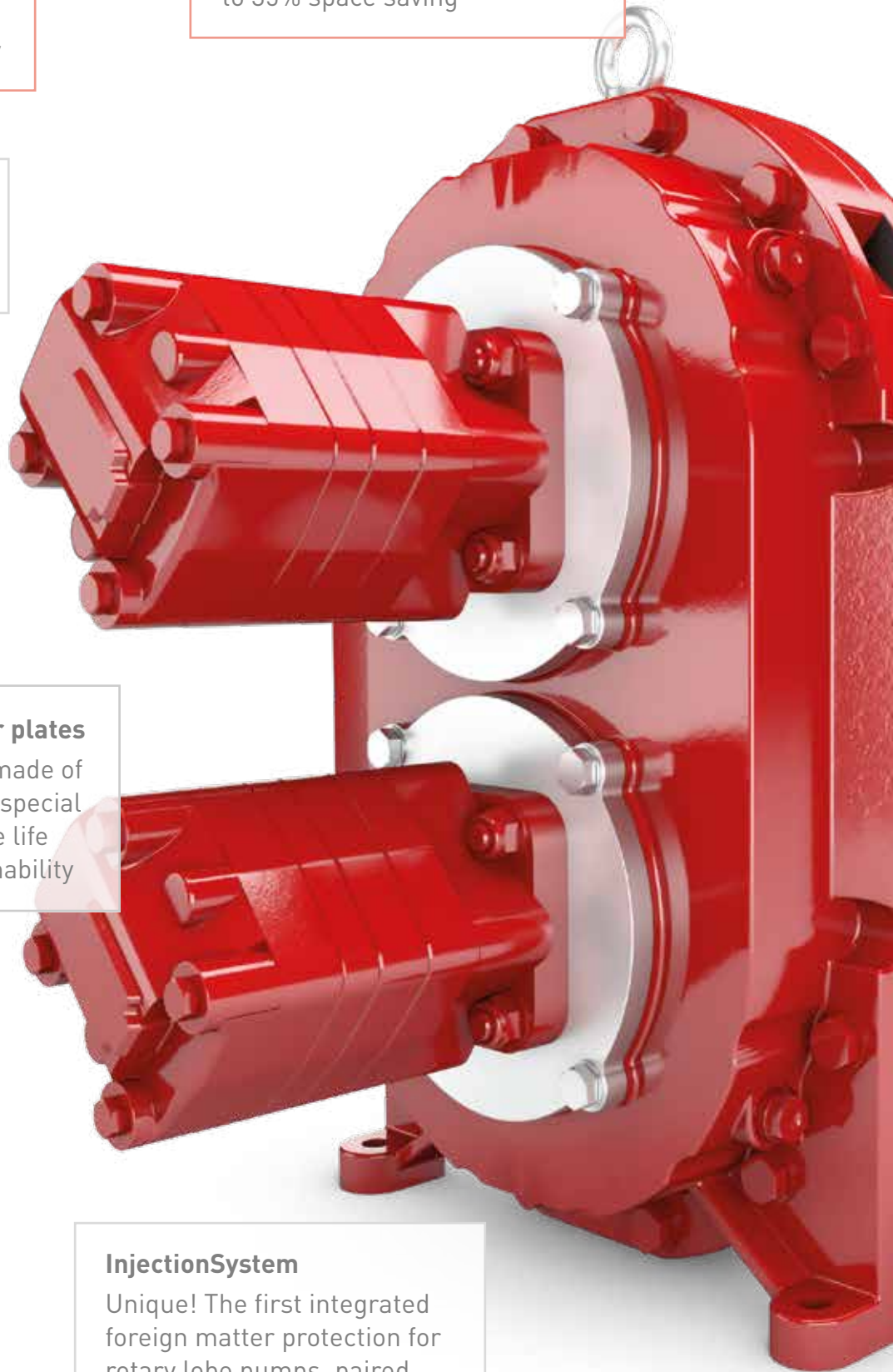
Up to 51% less weight and up  
to 35% space saving

## InjectionSystem

Unique! The first integrated  
foreign matter protection for  
rotary lobe pumps, paired  
with higher self-sealing

**PUMPS  
FOR LIFE**

Quality pays off



## NEW

Unmatched  
smooth running

### QuickService design

Quick and easy access to all parts that come into contact with the medium, without dismantling the pump

### Quality Cartridge

Professional sealing technology for maximum reliability

### The advantages of the VX186GL at a glance

#### Weight saving up to 51%

- Up to 189 kg weight saving compared to standard VX series models
- Up to 380 kg weight saving compared to similar models with hydraulic motors

#### Space saving of approx. 35%

- Up to 28 cm shorter overall length compared to standard VX series models
- Lower power consumption
- Even more service-friendly
- Unmatched smooth running

### Pumps for Life – quality pays off

Vogelsang rotary lobe pumps are quiet, robust and easy to maintain. This is a promise that we have been keeping more and more firmly with each passing decade by continuously making new modifications to the basic design. Unique ideas such as the InjectionSystem that protects against foreign matter, the pulsation-free HiFlo-lobes and the patented Quality Cartridge mechanical seal ensure trouble-free operation. The element-based design and easy access to all wear parts make for faster maintenance and repair tasks.

## SPECIFICATIONS

VX186 series

Type	Max. pressure		Max. capacity		Max. weight saving		Max. space saving
	bar	m <sup>3</sup> /h	l/min	Version GL kg	Combination GL + aluminum kg	mm	
184Q	8	256	4,250	86	142	285	
260Q	5	361	6,000	88	151	285	
368Q	3	540	9,000	111	189	250	

## 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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