



FOCUSED ON PERFORMANCE

Pumping made easy with
the new GL series from Vogelsang

VOGELSANG – LEADING IN TECHNOLOGY



VOGELSANG





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.

**PUMPS
FOR LIFE**

Quality pays off

REDUCED TO THE CORE OF THE MATTER

**The new GL series:
More compact and lightweight
than ever before**



GL series

Less weight and smaller dimensions with the same performance – the new aluminum rotary lobe pump without gearbox is a real space-saving miracle. The GL 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 GL series

The range of pumps in the GL 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 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 version 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 are certainly highly prized by the agricultural industry for their versatility and compact dimensions in relation to performance. With this new design, the GL series 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 GL series 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 GL series with models from other manufacturers, this innovative Vogelsang design saves up to 61% in weight. A value that speaks for itself.

NEW

Even lighter

Up to 51% less weight

NEW

Lower power consumption

Requires less hydraulic power on the vehicle

NEW

Unmatched smooth running

NEW

Even more service-friendly

HiFlo lobes

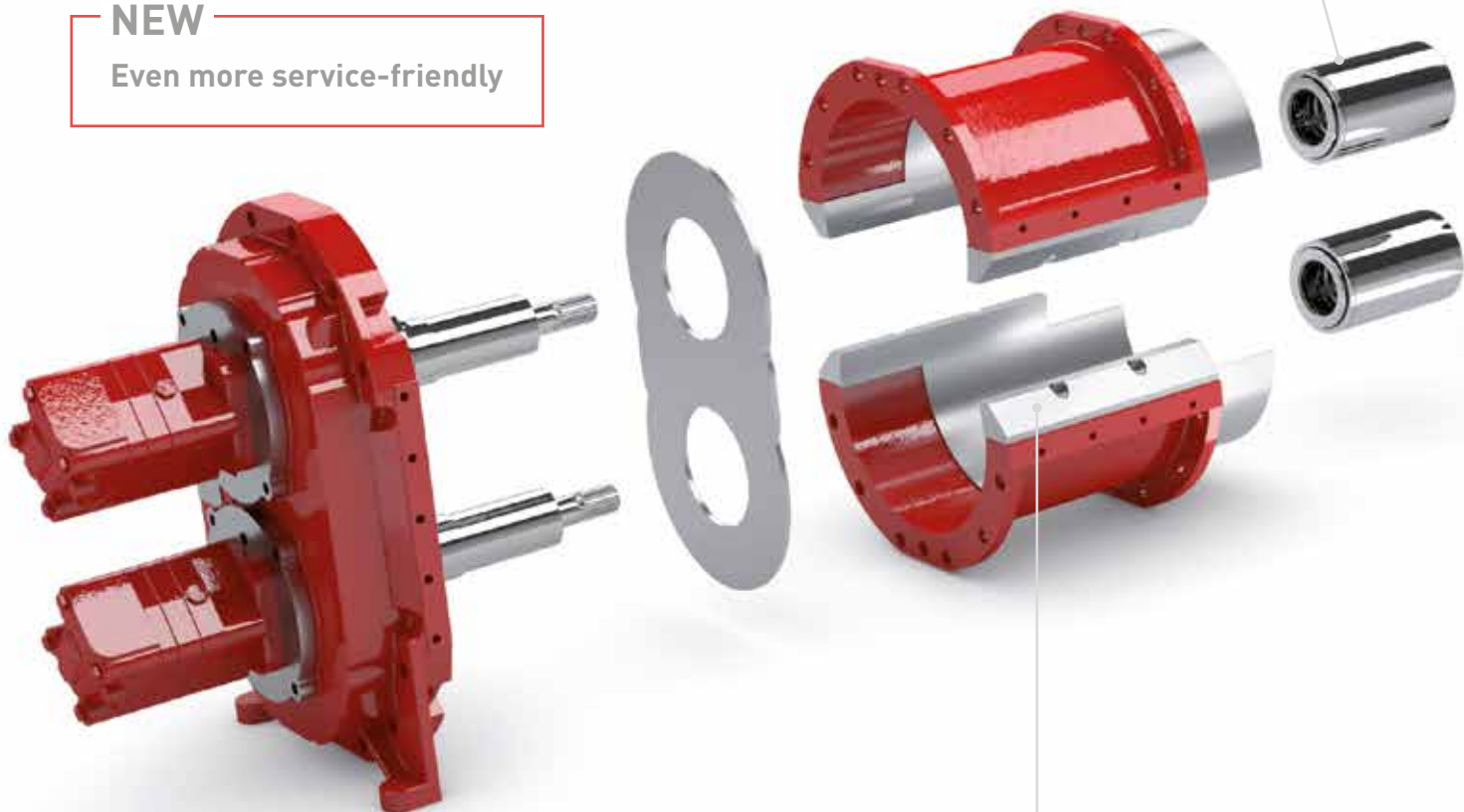
Pulsation-free pumping for very smooth running

Quality Cartridge

Professional sealing technology for maximum reliability

InjectionSystem

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



NEW

Even more compact

Up to 35% space saving

QuickService design

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



Even easier to service

The new gearless design of the GL series also optimizes service work. For example, the lobes are lighter and can also be installed singularly, as no fitting keys are required.

The advantages of the GL series at a glance

Weight saving of 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

Axial and radial wear plates

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

SPECIFICATIONS

GL series

Type	Max. pressure Bar	Max. capacity		Max. weight saving		Max. space saving mm
		m ³ /h	l/min.	Standard GL kg	Combination GL + aluminum kg	
184Q	8	256	4,250	86	142	285
260Q	5	361	6,000	88	151	285

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

Copyright 2020 Vogelsang GmbH & Co. KG

Product availability, appearance, technical specifications and details are subject to continuous development. All information presented here is therefore subject to change. In selected countries, Vogelsang®, BioCrack®, BioCut®, BlackBird®, CC-Serie®, EnergyJet®, PreMix®, RotaCut®, XTill® and XRipper® are registered trademarks of Vogelsang GmbH & Co. KG, Essen (Oldenburg), Germany. All rights reserved, including the rights to all graphics and images.

GL_series_EN_07207720_1000_MET0821 – Printed in Germany

Vogelsang GmbH & Co. KG
Holthoeye 10 – 14 | 49632 Essen (Oldenburg) | Germany
Phone: +49 5434 83-0 | Fax: +49 5434 83-10
germany@vogelsang.info

vogelsang.info

