

THE LIGHTWEIGHT

The rotary lobe pump of the VX series in aluminum





100% renewal of the pumping chamber

Capacity like on the first day of use – after replacement of medium-affected parts

Element-based design

Major savings from single part replacement

Up to 37% less weight*

For greater payloads in vehicles

Axial and radial wear plates Adjustable pump housing segments Lined pump housing made Optimum utilization of materials from highly wear-resistant special for prolonged service life steel to extend maintenance intervals and make servicing easier Break-proof shafts Maximum shaft diameters for very smooth running QuickService design Quick-and-easy access to all the medium-affected parts without dismounting the pump HiFlo® lobes Pulsation-free pumping for very smooth running InjectionSystem Unique! The first integrated foreign matter protection for rotary lobe pumps paired with

greater internal sealing

PUMPS FOR LIFE

Quality Cartridge mechanical seal

Professional sealing technology

for maximum reliability

Rotary lobe pumps from the VX series

Rotary lobe pumps from the VX series impress not only because of their compact size, but also due to their low weight. These are the best arguments for using them on a tanker or on a transport vehicle: the compact size and low weight means that the payload of the vehicle can be increased!

By choosing the VX series with a pump body in gray cast iron, up to 37 percent in weight in comparison to similar models is already saved. However, we also go further and offer the VX series in a special aluminum version, which increases the payload of your vehicle even more

 $\ensuremath{^{*}}$ For the gray cast iron version of the pump body



VX SERIES IN ALUMINUM

RELIABLE PUMP TECHNOLOGY THAT'S EASIER IN USE

In the past, our main concern when designing rotary lobe pumps has been ensuring that they remain compact. Now, however, we also need to be aware of stringent weight restrictions for road transport. Thanks to that, the user keeps the empty weight to a minimum in order to increase the payload of the vehicle. The Vogelsang solution: aluminum pump housings and lobe cores for the VX series.

The gearbox housings, the bearing seal housings and the QuickService cover for these rotary lobe pumps are all made of aluminum. All components that come into contact with the medium are made of gray cast iron or wear-resistant special steel. So there is no change to the lifetime of Vogelsang's VX pumps.

TECHNICAL DATA

Туре	Max. pressure		Max. capacity*		Max. weight savings (depending on model)
	Q bar	QD bar	m³/h	I/min.	kg

VX186 series									
130	10	12	180	3,000	77.5				
184	8	12	256	4,250	85				
260	5	10	361	6,000	94				
368	3	8	540	9,000	109				
390	3	7	543	9,000	110				
520		6	724	12,000	126.5				

* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation. We would be happy to configure the best progressive cavity pump for your application with the help of our computer-assisted sizing software.

Advantages

- Ideal for use in agricultural and road transportation tankers
- Allows for larger vehicle payloads

What we offer

We provide solutions in the following sectors: AGRICULTURE, BIOGAS, INDUSTRY, TRANSPORTATION, WASTE WATER











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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