



THE LIGHTWEIGHT

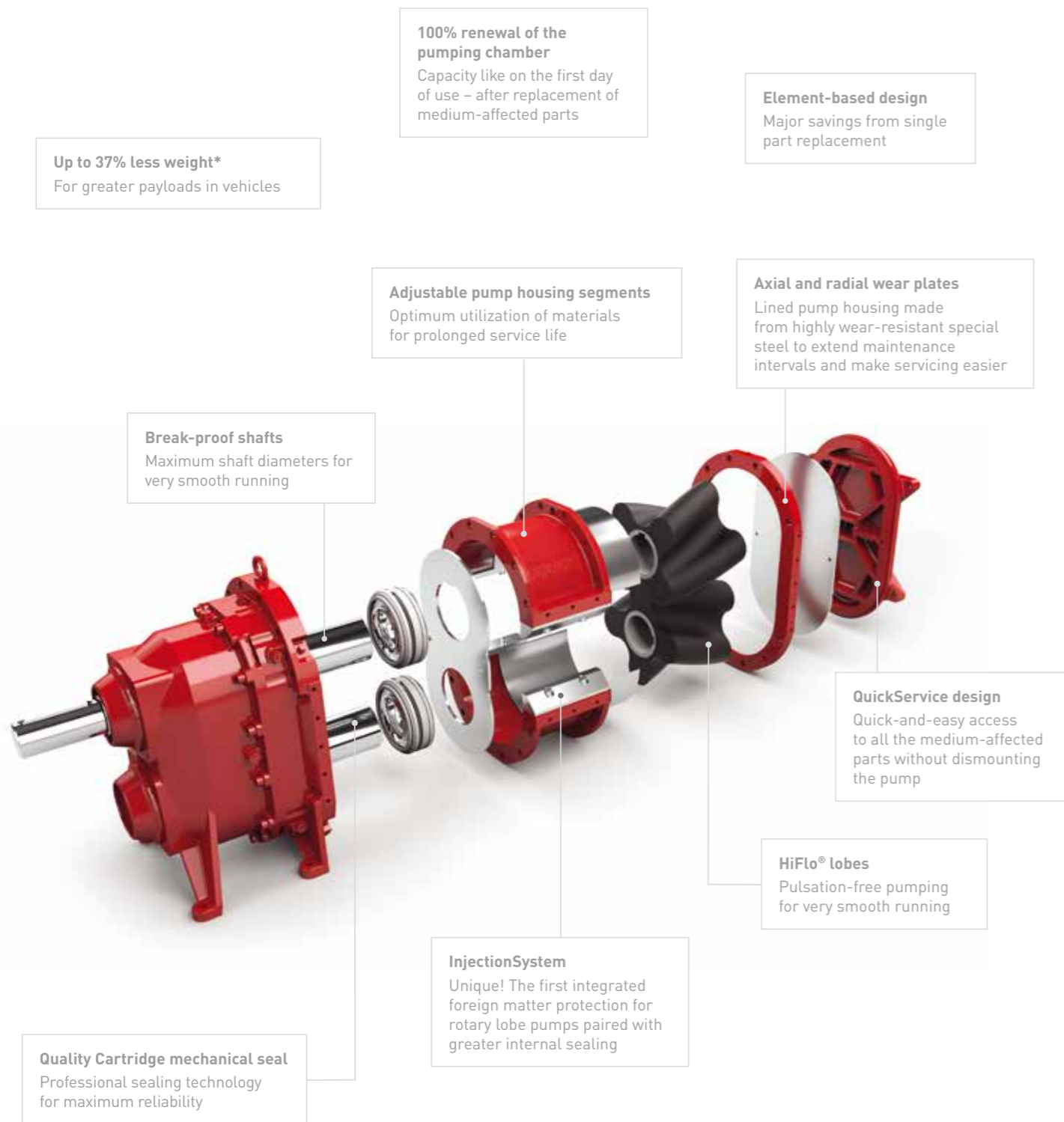
The rotary lobe pump
of the VX series in aluminum



Up to
126.5 kg
lighter

V/OGELSANG
ENGINEERED TO WORK





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.

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.

* For the gray cast iron version of the pump body

TECHNICAL DATA

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