

PRESS RELEASE

ACHEMA 2022: Vogelsang presents new pumps and an innovative seal supply system

- **Automatic Supply Unit (ASU): unique seal supply system**
- **EP and VY series: powerful rotary lobe pumps with a variety of seals**

Essen (Oldenburg), Germany, 12 July 2022 – [Vogelsang GmbH & Co. KG](#) will present its industrial innovations at **ACHEMA (22–26 August 2022, Frankfurt)**. At **booth F64 in hall 8.0**, the company will be introducing the rotary lobe pumps of the EP and VY series and the “ASU” ([Automatic Supply Unit](#)) seal supply system to a broad trade audience for the first time. The new pump series are designed for use in challenging environments, such as the oil, gas, and chemicals industry, and can be flexibly fitted with a range of sealing systems. With the ASU, Vogelsang is also launching an innovative seal supply system which is more compact and significantly less expensive than other systems available on the market.

“Our new products allow industrial companies to benefit from the greater flexibility and economy of their pump equipment. The new range of seals and the greater efficiency of the EP and VY series also expand the areas of application of our pump technology that are open to our customers,” says Harald Vogelsang, Managing Director of Vogelsang.

New seal supply system

With the Automatic Supply Unit, Vogelsang is introducing to the market a unique seal supply system for Vogelsang pumps. The ASU is much smaller than conventional seal supply systems and is easy to install, even in confined spaces. The patented system consists of a positive displacement pump that supplies lubricant to the seal with every rotation in order to sustain the sealing pressure. This maintains overpressure of either 2.0 or 4.3 bar. The new seal supply system extends the service life of the seal by up to 100 per cent.

EP series for extreme conditions

The rotary lobe pumps in the EP series are comprised of a one-piece housing and have a high-performance gearbox that enables a constant supply of up to 18 bar of pressure – a feature that is currently unmatched on the market. Helical gears in the gearbox ensure

smooth performance and reduce noise emissions. Furthermore, pulsation-free conveying reduces wear on the adjacent pipeline to a minimum. The high-pressure output and temperature limit of 200 °C, as well as the wide range of seals, also make the EP series suitable for applications such as in the oil and gas industry petrochemical industry and for tank farms.

Vogelsang has equipped its EP series also with an AirGap for high operational reliability. The AirGap atmospherically separates the gearbox and pump chamber, ensuring that in the event of a leak, liquid will drain off to the outside rather than leaking into the gearbox. It also protects the gearbox when conveying hot media.

VY series: the all-rounder

The rotary lobe pumps in the VY series are based on the tried-and-tested Vogelsang VX series. The variable use of different seals makes the VY series a genuine all-rounder for use in the chemical industry, as well as the paper and textile sectors, among others. The performance of the VY pumps ranges from 1 m³/h to 120 m³/h with a maximum pressure of 10 bar. Integrated sensors supply all the important information about the operating state of the pumps.

Vogelsang atACHEMA, 22–26 August 2022, Messe Frankfurt: Hall 8.0, booth F64

For more information, visit: vogelsang.info

Press contact:

Vogelsang GmbH & Co. KG
Sebastian Schoen
Marketing Manager Industry und Transportation
Holthoenge 10–14
49632 Essen (Oldenburg), Germany
Phone: +49 5434 83 - 229
Mail: sebastian.schoen@vogelsang.info
Web: www.vogelsang.info

VOCATO public relations GmbH
Sina Oesterreicher/Verena Schmorleiz
Toyota-Allee 29
50858 Cologne, Germany
Phone: +49 2234 60198 - 16/- 11
soesterreicher@vocato.com /
vschmorleiz@vocato.com
www.vocato.com

About Vogelsang:

Vogelsang GmbH & Co. KG, headquartered in Essen (Oldenburg) in Lower Saxony, develops, produces and sells technically high-quality, individually configurable and service-friendly machines. Founded in 1929, the company grew from a manufacturer of agricultural machinery into a specialist in machines and solutions in the wastewater, agricultural technology, biogas, industrial and transportation technology segments. The innovative family company currently employs over 1,200 people worldwide. As an internationally oriented mechanical engineering group, the company ensures the highest product quality through research, development, and production at the Essen location and in other production facilities in Germany and abroad. Thanks to a continuously growing network of subsidiaries and sales offices, Vogelsang is present with over 50 locations around the world. The company has already received several awards from the economic research institute Prognosis AG, among other things as "Germany's innovation leader". Further information can be found online at: vogelsang.info

Images:



Image 1: The Vogelsang Automatic Supply Unit (ASU) is compact and extends the service life of a seal by up to 100 per cent.



Image 2: The housing of the EP and VY series enables the flexible use of different sealing systems.



Image 3: Exploded view of the EP series: a high-performance gearbox allows a uniform pressure output of up to 18 bar.



Image 4: The performance of the VY series ranges from 1 m³/h to 120 m³/h, with a maximum pressure of 10 bar.

Image source for all images: Vogelsang GmbH & Co. KG