

## PRESS RELEASE

### **Vogelsang at IFAT 2022: High-performance grinding technology and mobile pump systems for efficient wastewater handling**

- **One-Piece Ripper rotors are now available for all XRipper models**
- **Compact grinding units can be retrofitted via plug and play**
- **Flexible equipment and deployment of mobile pump systems**

**Essen (Oldenburg), Germany, April 28, 2022** – [Vogelsang GmbH & Co. KG](#) will present its grinding and pumping solutions for efficient wastewater and sludge handling at **IFAT in Munich (May 30–June 3, 2022, Messe Munich)**. At **booth 347/446 in hall B1**, the focus will be set on the XRipper twin-shaft grinder series. In addition, in the **outdoor area between halls B1 and B1 on area 14**, Vogelsang will showcase its new concept for mobile pump systems that are suitable for flexible use in sewage treatment plants, the sewer system or in civil protection.

“Wastewater infrastructure is subject to severe loads through heavy rain, wet wipes and other disruptions. Our robust, modern grinding and pump solutions ensure that sewage treatment plants and sewer systems operate smoothly and wastewater is efficiently treated and cleaned,” says Harald Vogelsang, Managing Director of Vogelsang GmbH & Co. KG.

#### **Robust and durable: Ripper rotors made from one block of special steel**

The One-Piece Ripper rotors guarantee high-performance grinding. They are made from one block of special steel and feature hardened, durable cutting edges. While these Ripper rotors were previously only available for some XRipper models, they are now standard in all XRipper series models. The One-Piece Ripper rotors manage without a support shaft, which simplifies handling. Nevertheless, the drive performance is transmitted evenly across the entire length of the rotors. Vogelsang: “We manufacture the contactless running Ripper rotors on high-precision CNC machinery. This minimizes tolerances and ensures highly efficient grinding in the long term.”

**Easy parts replacement: first rotate, then replace**

The design of the One-Piece Ripper rotors is symmetrical. In the event of an impending replacement of parts, the rotors can first be turned 180 degrees and continue in operation. This facilitates sustainable use and thorough exploitation of the cutting performance of the Ripper rotors before a complete replacement is required in the case of wear.

**XRipper system solutions for retrofitting**

The wastewater grinder XRipper is easy to retrofit in existing pump systems as a system solution for compact protection against wet wipes and clogging. Vogelsang assembles the required sensors, power electronics and safety technology at the factory and connects them to the control system. The entire unit is put into operation before delivery and tested. Afterwards, it only has to be installed at the user's site and connected via plug and play. The system is then immediately fully functional.

**Networked control technology**

The XRipper XRG and XRC grinder units are particularly suitable for retrofitting in sewers, for example in open channels or shafts, and optionally also in ATEX zones. If required, networking the system solution via ProfiNet or other communications standards is possible with the existing system controller. The XRipper can thus also be controlled via existing technology. The intuitively operable user interface of the Performance Control Unit (PCU) offers easy access to all operating data – even on a tablet or smartphone, regardless of location.

**Flexible deployment of mobile pump systems**

In the outdoor area of the trade fair, Vogelsang will present its new concept for mobile pump systems, which can be individually equipped according to requirements and can thus be used flexibly. The core of the system concept is made up of the rotary lobe pumps of the VX series with a pumping capacity of up to 1,400 cubic meters per hour. If necessary, the connections can be swiveled and adjusted to the respective application situation – for example, in flood and catastrophe protection or during construction work in the sewer system. In addition, the connections can be converted to a variety of standard hose couplings such as Kamlock, Perrot or Storz. Suction and pressure hoses are stored in a space-saving but accessible manner.

The mobile pump unit is driven either by electric or diesel motors. For the latter drive version, modern units are available which also meet the strict guidelines of the Stage V emissions standard. In this case, the diesel tank is integrated in the console, thus saving space and weight. Moreover, this gives the system a lower center of gravity and is safer to transport as a result. The pump system can be installed on all kinds of trailers or chassis and easily positioned using lifting lugs.

**Vogelsang at IFAT, May 30–June 3, 2022, Messe Munich: Hall B1, booth 347/446 and outdoor area between halls B1 and B2, area 14.**

For representatives of the press, we will be pleased to arrange a personal appointment at the Vogelsang booth. Please contact us:

VOCATO public relations GmbH, Friederike Wagner/Sina Österreicher

Phone: +49 2234 60198-16 / -11; Email:

[fwagner@vocato.com](mailto:fwagner@vocato.com)/[soesterreicher@vocato.com](mailto:soesterreicher@vocato.com)

For more information, visit: [vogelsang.info](http://vogelsang.info)

**Press contact:**

Vogelsang GmbH & Co. KG

Carsten Wenner

Marketing Wastewater and Biogas

Holthoeye 10–14

49632 Essen (Oldenburg), Germany

Phone: +49-5434-83-234

Email: [carsten.wenner@vogelsang.info](mailto:carsten.wenner@vogelsang.info)

Web: [www.vogelsang.info](http://www.vogelsang.info)

VOCATO public relations GmbH

Friederike Wagner /

Sina Österreicher

Toyota-Allee 29

50858 Cologne, Germany

Phone: +49-2234-60198-16/-11

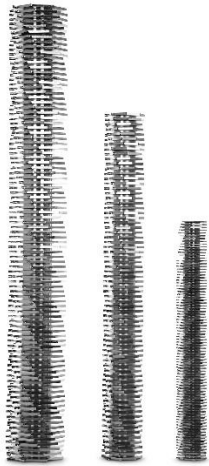
[fwagner@vocato.com](mailto:fwagner@vocato.com) / [soesterreicher@vocato.com](mailto:soesterreicher@vocato.com)

[www.vocato.com](http://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 Prognos AG, among other things as "Germany's innovation leader". Further information can be found online at: [vogelsang.info](http://vogelsang.info)

**Images:**



**Image 1:** The robust One-Piece Ripper rotors feature hardened, durable cutting edges and are now series standard in all models of the XRipper series.



**Image 2:** The XRipper XRC and XRG can be easily retrofitted with the Performance Control Unit (PCU) as a system solution in existing pump systems.



**Image 3:** New system concept: Depending on requirements, the mobile pump system can be fitted individually and can thus be flexibly deployed.

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