

PRESS RELEASE

Ruhrverband uses shredding solution from Vogelsang in large sewer

- **Joint further development of the XRipper XRG wastewater grinder**
- **Efficient shredding of wet wipes**

Essen (Oldenburg), 5 March 2020 – After two years of joint development work, [Vogelsang GmbH & Co. KG](#) handed over the XRipper XRG186 twin-shaft wastewater grinder to the Ruhrverband. The modified shredding solution is now being used in the inlet of the pumping station in Witten and is intended to ensure that the wastewater can be pumped without disruption to the sewage treatment plant in Bochum, located about three kilometers away. Torsten Burhorst, Team Leader Research & Development Shredding Technology at Vogelsang says, “First-hand user knowledge from the Ruhrverband and our technical expertise have flowed into the new model. As a result, the twin-shaft grinder is even bigger and more powerful.”

Shredding disruptive matter

The XRipper XRG186 is designed for use in large sewers with high flow rates and a high proportion of disruptive matter. It shreds trash in wastewater such as wet wipes and cleaning cloths in an energy-efficient way. The wastewater grinder is equipped with a new variant of the so-called High Capacity Units. These consist of a rotating perforated screen drum. While the water passes through the grinder largely unhindered, High Capacity Units stop the disruptive matter and continuously convey it to the center of the grinder where it is shredded by the Ripper rotors. This prevents blockages and clogging in downstream pumps and in the sewage system. Dirk Burghardt, Group Leader Mechanical Engineering, Maintenance Management of Mechanical and Electrical Engineering at the Ruhrverband says, “The pumping station in Witten is our most demanding site. A large amount of disruptive matter such as wet wipes often leads to interruptions in operation – an absolute hardship. We have had good experience with the wastewater grinder in recent months. Therefore, we are confident that the new technology will ensure smooth operation in the future.”

Vogelsang is presenting the modified XRipper XRG186 to the specialist public for the first time at **IFAT**, the world's leading trade fair for water, sewage, waste and raw materials management in Munich: **4-8 May 2020, Munich Exhibition Centre, Hall B1, Stand 347/446.**

More at: vogelsang.info

Press contact:

Vogelsang GmbH & Co. KG
Martina Ekert
Head of Marketing
Holthoege 10–14
49632 Essen (Oldenburg), Germany
Tel.: +49 5434 83 - 231
Email: martina.ekert@vogelsang.info
Web www.vogelsang.info

VOCATO public relations GmbH
Friederike Wagner /
Sina Oesterreicher
Toyota-Allee 29
50858 Cologne, Germany
Tel.: +49 2234 60198 - 16 / - 11
fwagner@vocato.com / soesterreicher@vocato.com
www.vocato.com

About the Ruhrverband

The Ruhrverband is a public water management company with headquarter in Essen, North Rhine-Westphalia, Germany. They are responsible for the water quantity and reservoir management, handling of floods, wastewater treatment and disposal of the resulting residues. In the catchment area of almost 4,500 square kilometers, the company controls and maintains over 300 kilometers of sewers and pressure pipelines. The Ruhrverband also operates 13 lakes and water reservoirs and 64 sewage treatment plants. The company ensures the water supply for 4.6 million people and the treatment of wastewater for 60 cities and municipalities. Further information can be found at www.ruhrverband.de/en

About Vogelsang:

Vogelsang GmbH & Co. KG develops, produces and distributes technically high-quality machines that are easy to maintain. Its head office is located in Essen (Oldenburg) in Lower Saxony, Germany. Founded in 1929 as a manufacturer of agricultural machinery, the company has grown to become a specialist in individually configurable machines for the wastewater, agricultural, biogas, industrial and traffic sectors. At present, the mid-sized, innovative family business employs about 1,000 people worldwide. Vogelsang ensures the highest production quality through its research, development and manufacturing operations at its location in Germany. As an internationally oriented machine construction company, Vogelsang also operates manufacturing centers domestically and abroad. A continuously growing network of subsidiaries and representatives allows Vogelsang to be present in more than 25 locations worldwide, in all European countries and important industrialized nations in the world. The company was awarded the title of "Germany's innovation leader" by the economic research institute Prognos AG. Further information can be found online at: vogelsang.info

Images:



Image 1: Representatives of the Ruhrverband accept the XRipper XRG186 wastewater grinder. Left to right: Ruediger Ernsting, Sales Vogelsang; Sven Cybulski, Maintenance Management Ruhrverband; Dirk Burghardt, Maintenance Management Ruhrverband; Harald Vogelsang, Managing Director Vogelsang; Torsten Burhorst, Team Leader Research & Development Shredding Technology Vogelsang.



Image 2: The XRipper XRG186 during installation in the inlet of the pumping station in Witten.



Image 3: The XRipper XRG186 reliably shreds disruptive matter in wastewater and is specially designed for use in large sewers.

Source for all images: Vogelsang GmbH & Co. KG