

PRESS RELEASE

IFAT 2018: Vogelsang presents new series of the XRipper twin-shaft grinder for wastewater channels

- Variants for narrow shafts and large channels
- New, improved design: “one-piece Ripper rotors”
- Modern control system: “Performance Control Unit”

Essen/Oldb., April 5, 2018 – [Vogelsang GmbH & Co. KG](#) will be exhibiting innovative shredding technology at IFAT, the world's leading trade fair for water, sewage, waste and raw materials (**May 14 - 18, 2018**) in Munich. At **booth 347/446** in **hall B1**, the focus lies on the new generation of the twin-shaft grinder XRipper. “Wet wipes, disruptive matter and in some countries, mounds of fat, block pumps and entire channels. This poses major challenges to those in charge of the systems,” says Managing Director Harald Vogelsang. “With the new XRipper Giant (XRG) series, we are offering effective shredding solutions, even for large channels and very high flow rates.” One new feature is that the one-piece Ripper rotors, up to a length of 1.4 m, are produced from a single piece; moreover, the support shaft is no longer required. This also applies to the new, extra narrow and long model in the XRipper XRC100 series, which Vogelsang is also set to introduce at IFAT.

Monolithic, one-piece Ripper rotors with new design

Without the support shaft, servicing and exchange the one-piece Ripper rotors are particularly easy, since only two rotors have to be replaced. For this purpose, the central functional unit – consisting of motor, gearbox, Ripper rotors and counter bearing – is pulled upwards out of the XRipper housing. Individual components can be replaced quickly and easily on site. “Despite the new design, the one-piece Ripper rotors remain extremely robust and efficient,” says Vogelsang. Due to the bending strength of the one-piece Ripper rotors, an intermediate bearing for stabilization is no longer required and its lubrication is no longer necessary.

Models for large channels with high flow rates

The XRipper Giant (XRG) is specially designed for very high flow rates in large channels. It easily shreds disruptive matter in wastewater at flow rates up to 3,000 m³/h. The twin-

shaft grinder is based on the proven XRipper Channel (XRC), to which lateral High Capacity Units have been added. Each of these comprises a sieve as well as clearing units that rotate at low speeds, which enhances their efficiency. Disruptive matter is retained by the sieve and continuously feed into the Ripper rotors by the clearing units.

Powerful performance, minimum space requirement

The extra slim models of the XRipper XRC100 series are suitable for narrow, high channels, among others. They can be installed in channels with a width of only 30 cm and achieve throughput of up to 690 m³/h at damming heights of up to one meter.

Wastewater 4.0: Control system for network components

The new Performance Control Unit (PCU) enables intelligent networking of the various components in a wastewater system. This enables data to be collected and evaluated and appropriate measures to be initiated on the basis of simulation results. ProfiNet connection and an OPC-UA interface enable rapid, platform-neutral communication from machine to machine (M2M) as well as between man and machine – thanks to the Human Machine Interface (HMI). “With the PCU, we are offering another piece of the puzzle toward increased automation and digitization of wastewater processes,” says Vogelsang.

**Vogelsang at IFAT, May 14 - 18, 2018 Messe München:
hall B1, booth 347/446**

For more information, visit: vogelsang.info

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About Vogelsang:

Vogelsang GmbH & Co. KG develops, produces and distributes highly-engineered equipment that is easy to maintain. The head office is located in Essen/Oldb. in Lower Saxony. Founded in 1929 as a manufacturer of agricultural machinery, the company has grown to become a specialist in individually configurable machines for the agricultural, biogas, industrial, transportation, and waste water sectors. At present, the mid-sized, innovative family business employs over 900 people worldwide. Vogelsang ensures the highest production quality through its research, development and manufacturing operations at its location in Germany. As an international company, Vogelsang 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.

Further information can be found online at: vogelsang.info

Images:



Image 1: Monolithic, one-piece Ripper rotors with new design.



Image 2: XRipper Giant (XRG) for large channels with high flow rates.



Image 3: Extra slim X-Ripper XRC100 for narrow channels.



Image 4: The one-piece Ripper rotors make parts replacement even easier.



Image 5: Performance Control Unit – intelligent control and networking for greater efficiency.

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