

PRESS RELEASE

IFAT: Vogelsang presents the HiCone for the wastewater sector

- **HiCone progressive cavity pump for wastewater treatment plants and pump stations**
- **Economical foreign body management with XRipper and RotaCut**

Essen (Oldenburg), April 15, 2024 – At IFAT (May 13-17, 2024, Messe München), [Vogelsang GmbH & Co. KG](#) will be showing the conical HiCone progressive cavity pump for use in wastewater treatment plants and pump stations. Additionally, a 3D model of a small, compact version of the HiCone will be on display at **booth 347/446 in hall B1**. “Wastewater treatment plants that consume large amounts of power in the municipal area owing to their demanding process steps depend on technologies that are both energy efficient and powerful,” says Michael Brinkmann, Director of Global Sales at Vogelsang. He also says: “The HiCone gives wastewater treatment plant operators a durable, highly efficient pumping technology that can be flexibly readjusted to different pumping tasks and operating parameters.”

HiCone: Readjustment via remote maintenance

The HiCone features a conical rotor-stator geometry and a clever adjustment system. Precise readjustment of the rotor compensates for wear. This ensures constant pumping performance at a high level of effectiveness – without costly and time-consuming parts replacement. At the same time, the product has a status display that informs users about the pump's condition continuously and in real time. The HiCone thus requires maintenance less often, and it can be planned better. If the HiCone is equipped with the automatic adjustment option and connected to remote maintenance, the rotor can be readjusted as needed from the control room – with no time-consuming travel and maintenance. Wastewater treatment plant operators with pumps in remote use benefit from this in particular, at pump stations, for instance, which usually are not monitored by specialists on site.

Conical pump for high pressures up to 12 bar

The HiCone is also designed for higher pressures of up to 12 bar. For wastewater treatment plant operators, that means the HiCone can even handle process applications with high pressures that usually require a long, two-stage progressive cavity pump.

Wastewater treatment plant operators reduce costs, the energy needed for their operations, and space requirements when they purchase the HiCone.

Shredding technologies for smooth wastewater treatment

What is more, Vogelsang is presenting its large range of products featuring powerful shredding technology. The XRipper XRG and XRipper XRC twin-shaft grinders in particular are suitable for retrofitting in the sewage system, such as in open channels or shafts. The XRipper XRP is the compact inline variant for installation in pipelines. All models in the XRipper series are equipped with robust, durable one-piece Ripper rotors. They shred foreign material in wastewater, such as wet wipes, cleaning cloths, rags and pieces of wood, to unproblematic sizes. By doing so, they protect downstream components, including the pump technology, against blockages and damage.

Vogelsang is also showing the modified inline variant of the macerator RotaCut RCQ. This type of RotaCut is used in wastewater treatment plants during sludge treatment, among other things. It can be quickly installed in straight pipelines and thus retrofitted without laborious adjustments. With its contact-based cutting principle, the macerator reliably shreds fibers and solids like hair and cotton swabs in wastewater and sludge. The integrated heavy material trap separates stones, metal parts, and other foreign bodies, which can be removed from the service flap. The service flap hatch can be positioned flexibly.

Rotary lobe pumps: Tried and tested in the wastewater sector

Furthermore, Vogelsang will be providing information about the rotary lobe pumps of the VX and IQ series. Vogelsang's powerful rotary lobe pumps have already proven themselves around the world in a very wide range of applications that involve pumping both sludge and wastewater.

Vogelsang at IFAT, May 13-17, 2024, Messe München: Hall B1, booth 347/446

For **members of the press**, we would be delighted to arrange a **personal appointment** for you at the Vogelsang booth on request. Please feel free to get in touch.

For more information, visit: vogelsang.info

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About Vogelsang:

Vogelsang GmbH & Co. KG, headquartered in Essen (Oldenburg) in Lower Saxony, develops, produces and sells technically high-quality, individually configurable, service-friendly machines. Founded in 1929, the company grew from manufacturing agricultural machinery to specializing in machines and solutions in the wastewater, agricultural technology, biogas, industrial and transportation technology segments. The innovative family-owned company currently employs over 1,300 people worldwide. As an internationally oriented mechanical engineering group, the company ensures the highest product quality through research, development and production at its Essen location and other production facilities, both in Germany and abroad. With 30 subsidiaries and other representatives, Vogelsang is present in over 50 countries around the world. The company has already received several accolades from the economic research institute Prognos AG, including the award "Germany's innovation leader." Further information can be found online at: vogelsang.info

Images:



Image 1: The conical rotor-stator geometry of the HiCone allows for precise adjustment of the rotor in the event of wear. There is no need for costly and time-consuming parts replacement.



Image 2: The XRipper XRG186 twin-shaft grinder is especially powerful and designed for high flow rates.



Image 3: The extra narrow XRipper XRC100 with a sewer integration kit (SIK) for very confined channels.



Image 4: XRipper XRP twin-shaft grinder: the compact inline variant for pipelines.



Image 5: The modified inline variant of the macerator RotaCut RCQ can be easily retrofitted in pipelines. The service flap can be positioned flexibly.

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