

## PRESS RELEASE

### IFFA 2019: Vogelsang presents combination of grinding and pump technology for the meat processing industry

- **RedUnit: compact and sturdy unit consisting of grinders and pumps**
- **Plug-and-play solution: quickly ready for use**

**Essen/Oldb., March 12, 2019** – [Vogelsang GmbH & Co. KG](#) is taking part for the first time in the **Leading International Trade Fair for the Meat Industry, IFFA**, in Frankfurt/Main on **4-9 May 2019**. At **booth A92 in hall 9.1** the company will present the [RedUnit](#), its solution for the meat processing industry. The RedUnit is a combination of grinders and pumps which is used for the defined shredding of meat waste and remains. Large quantities of difficult and demanding substances such as meat, bones, skin and offal are easily shredded by the RedUnit. The system is particularly compact and is adapted to the customer's individual requirements due to its modular design.

“A large part of the meat waste is used for the production of animal meal and gelatine or fed into biogas plants. The particle size of the medium is decisive for this process: the smaller the better. Customers can use the RedUnit to shred their meat waste precisely in a size they define themselves”, explains Vogelsang Managing Director Harald Vogelsang.

#### High flexibility due to modular design

A basic element of the RedUnit combinations is the twin-shaft grinder XRipper XRL. The rotors of the XRipper are manufactured from a block of special steel and are therefore particularly robust. Due to the monolithic design of the rotors, the XRipper can withstand high loads and shreds difficult and demanding substances without difficulty. For another shredding step there can be additionally installed a RotaCut macerator in the RedUnit. The Vogelsang progressive cavity pump of the CC series is used to pump the medium after the shredding process or to pump media of higher viscosity. The XRipper is part of all RedUnit versions, whereas the other modules are optionally integrated and configured in the system according to the customer's requirements.

#### Energy-efficient and easy to maintain

The RedUnit is a complete system, which works without additional pumps or screw conveyors between the various shredding steps. This reduces the power consumption

compared to conventional systems. The water consumption is also minimized, since the RedUnit does not need any fresh water for the shredding process. The “QuickService”-concept from Vogelsang ensures quick and easy maintenance of the system. All service and maintenance work can be performed quickly on site whenever necessary.

### On the way to Industry 4.0

Vogelsang has equipped the RedUnit with an intelligent control unit. This allows the system to be easily integrated in any system without great effort according to the plug-and-play principle. This significantly simplifies the on-site start-up. As soon as the user connects the RedUnit to the power supply, the modules automatically communicate via the platform-independent standard protocol OPC UA. All components and their technical values can be viewed and managed on a touch screen.

**Vogelsang at IFFA, 4–9 May 2019, Frankfurt Trade Fair: booth A92, hall 9.1**

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

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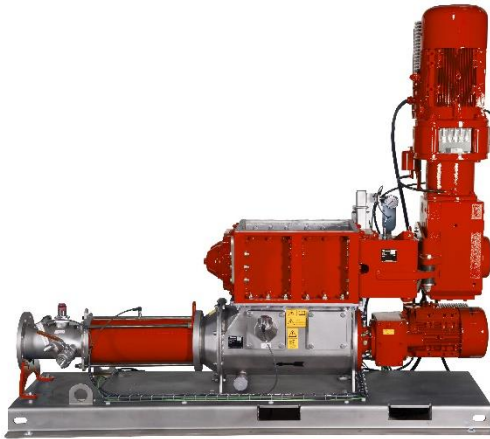
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#### About Vogelsang:

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. This year the company celebrates its 90th anniversary. Further information can be found online at: [vogelsang.info](http://vogelsang.info)

**Images:**



**Image 1:** RedUnit: combination of grinding and pump technology (here: XRipper XRL, Vogelsang progressive cavity pump of the CC series).



**Image 2:** Intelligent control unit with intuitive touch screen.

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