



XRipper®: Reliable shredding of coarse matter in domestic wastewater

Case Study - Neinstedter Anstalten



Problem

Damages and clogging of wastewater pumps by clothing and coarse matter

Solution

Vogelsang XRipper XRS186-130Q

The customer and the problem

Neinstedter Anstalten is a privately run charitable foundation in Germany's Harz district. The services offered by the foundation range from providing accommodation and employment in the community, to community living support and in-home care. Neinstedter Anstalten's wastewater—totaling about 40 m³ per hour—flows into the public sewer system. Malfunctions in the public sewer network, and even damage to pumps, were occurring repeatedly due to coarse contaminants, such as items of clothing. Labels on these identified them as coming from Neinstedter Anstalten. The Ostharz Zweckverband water and wastewater association, which manages the public sewer system, obliged the Neinstedter Anstalten to eliminate or shred the harmful matter itself.

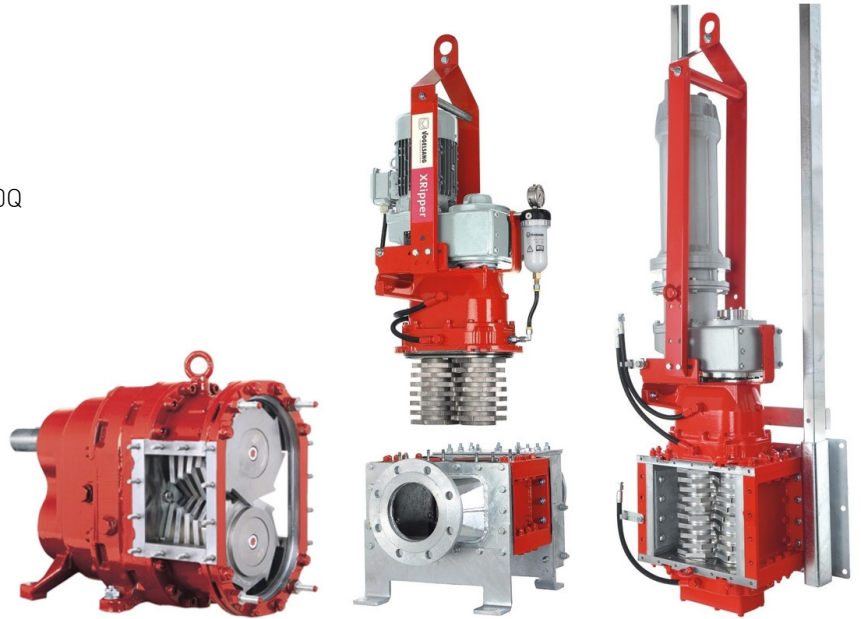


Vogelsang XRipper

The solution

For economic reasons, the foundation decided to install a shredder. In the search for a suitable solution, the choice fell on the XRipper XRS186-130Q in 2009. Due to its compact and robust twin-shaft design, it is the optimal solution to reduce the large-volume foreign matter to an unproblematic size.

“We’ve had no complaints since,”
said the plant engineer for building services. Further checks carried out by the wastewater association revealed no more problems and confirmed that the harmful matter is shredded optimally



Vogelsang XRipper

Advantages of the XRipper®

- Reliable and powerful shredding of coarse matter
- Compact design
- Quick and easy to service

Mentioned Vogelsang product

[XRipper: Twin-shaft grinder for sewer and wastewater treatment plants](#)



Mentioned Vogelsang product

[XRipper: The wastewater grinder for wastewater applications](#)



Vogelsang Ltd., Crewe

Gateway | Crewe Gates Industrial Estate, Crewe |
Cheshire CW1 6YY | United Kingdom
Phone: +44 1270 21 66 00 | uk@vogelsang.info

vogelsang.info/uk

