

XRipper Giant

Type: XRG _____ QD HCD / HCS

Manufacturer: _____ Vogelsang

Type: _____ XRG _____ QD

Compact, space-saving twin-shaft grinder for grinding coarse and solid materials in sewer installations

Efficient protection against clogging and blockages in pipes, pumps, and fittings

Economical treatment of solids in liquid media

Suitable for various coarse and solid materials

Self-cleaning flow expansion designed as a rotating stainless steel screen drum

Design and operating data:

Conveyed medium

Throughput _____ m³/h

Solid content _____

Temperature _____ °C

pH value _____

ATEX version: yes / no

- **Zone:** 1
- **Temperature class:** T4

Materials and design

Ripper rotors _____ Highly wear-resistant special steel

Rotor design _____ Monolithic

Cutting blade width _____ mm

Liquid-contacting

housing parts _____ Steel

Protective plates _____ Highly wear-resistant special steel

Shaft seal _____ Mechanical seal cooled by the medium,
with seal chamber and
leakage indicator

Seal carrier _____ C 45

Mechanical seal pair _____ Block ring/Duronit with NBR O-ring

Fluid-contacting _____ O-rings NBR

Selected materials / design:

Rotor design monolithic (one-piece) _____ yes _____ no

Cutting blade width _____ mm

Protective plates _____

Sliding ring pairing _____

Housing parts _____

Flat gear motor in submersible design	
Manufacturer	Getriebebau Nord / EMOD
Type	_____
Power	_____ kW
Output speed	_____ rpm
Voltage	_____ V
Frequency	50 Hz
Protection class	IP 55
ISO class	F
Temperature sensor	3

Self-cleaning screen drum in segmented design	
Rotating screen drum:	1 piece (HCS) / 2 pieces (HCD)
Ball passage:	Ø 20 mm
Diameter:	Ø400 mm
Material:	Stainless steel
Drive power:	0.25 kW
Motor protection class:	IP68
Speed:	14 rpm

Access to the X-Ripper must be prevented during operation.
The X-Ripper must not be started during maintenance work.

Wall mounting: straight

The XRipper SIK includes a stainless steel wall bracket, allowing it to be mounted directly in front of a channel outlet. A wall bracket with guide rail allows the entire XRipper to be lifted out of the channel using the lifting bracket for service and maintenance. When the shredder is put back into use, it is lowered back into the console via the rails. This holds it in position automatically without the need for further securing.

Includes stainless steel guide rail

Length of guide rail: _____ mm

Design Channel shape Open channel

Channel width: _____ mm

Channel height: _____ mm

XRipper: +++KTL primer steel protection++++, top coat
RAL3020, traffic red

Drive: Primer steel protection, top coat
RAL3020, traffic red

Total weight _____
Dimensions (LxWxH) _____

XRipper as described above

Controller with installed software (for ATEX XRC and non-ATEX XRC)

Pre-assembled on mounting rail for installation

in a control cabinet

Control module

Type: XRipper PCU

Data communication: ProfiNet

Remote control interface: Via data communication

Supply voltage: 24V DC

Protection class: IP20

Dimensions (W x H x D): 95 x 128 x 46 mm

Mounting type: DIN rail

Includes software / blockage management