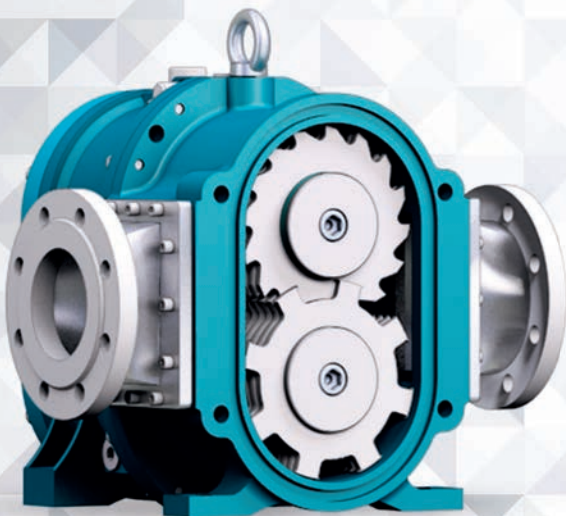


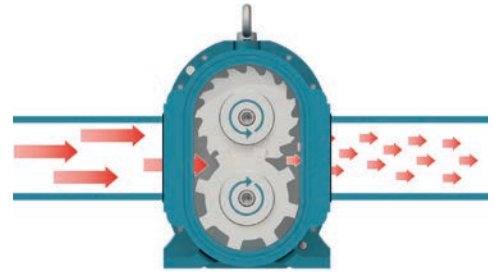
**MULTICRUSHER**  
EFFECTIVE  
GRINDING RESULTS



# RELIABLE PUMP PROTECTION

## THE MULTICRUSHER

*Time and again, impurities block pumps or even entire systems. As a result, time-consuming and cost-intensive maintenance work is required. The Multicrusher macerates impurities efficiently and reliably. Due to its compact design, the Multicrusher can be installed in various configurations, even in confined spaces.*



The Multicrusher effectively and reliably processes solids and ensures that downstream equipment operates smoothly.

Upon request, we can also deliver suitable control technology for the Multicrusher. The control unit is customized to your needs.

The Multicrusher is very easy to maintain. You have access to all wear parts through the quick-release cover. This is called "Maintenance in Place" (MIP). All maintenance work can be done at the Multicrusher installation site without the need to remove piping.

Series	Max. flow rate in gpm	Max. pressure in psi
HAN	110	174
HPL	400	174
HCL	800	174
HFL	1200	174

### CONSTRUCTION AND FUNCTION

#### 1 The quick-release cover

Access to all wetted parts through the quick-release cover – maintenance without removal of pipe or drive systems (MIP).

#### 2 The blades

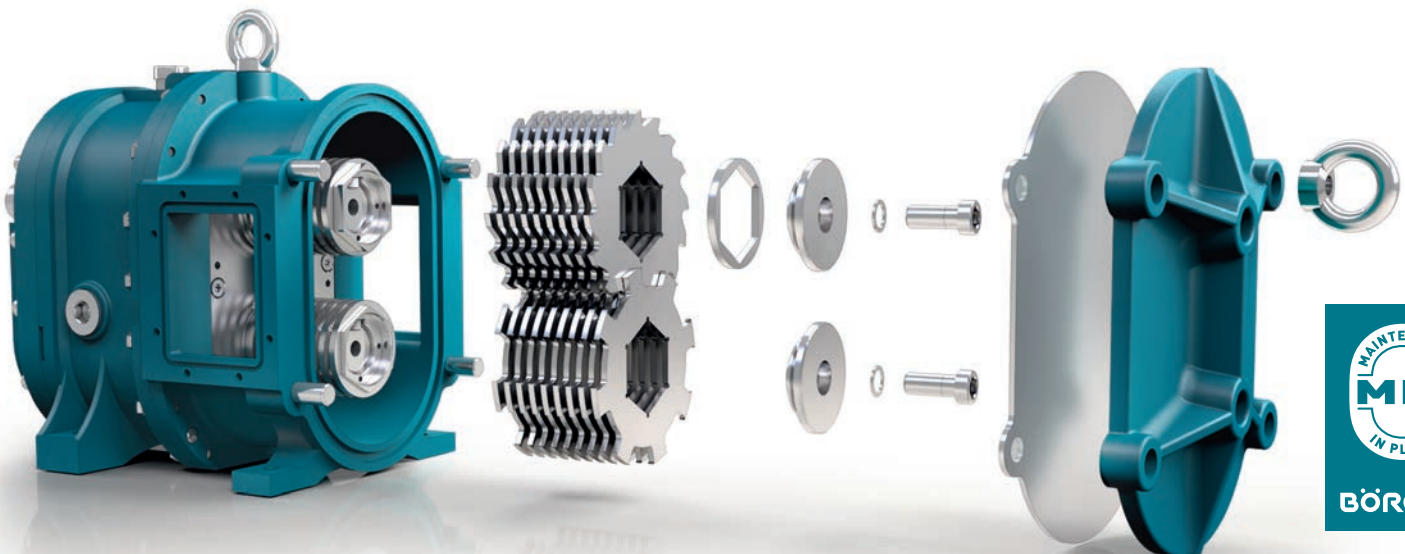
You can determine the maceration degree by the choice of blade configuration, blade widths, blade arrangement and the speed of the Multicrusher. In case of wear, the blades can be individually replaced.

#### 3 The intermediate chamber

The large-volume quench chamber is filled with oil which cools and lubricates the seals. The intermediate chamber protects the gear unit from pumped medium leaking in if the seal is defective. The oil-filled intermediate chamber ensures the highest degree of operational safety.

#### 3 The carrier gear and gear reducer

The different circumferential speeds of the carrier shafts and the sharp blades create an excellent cutting result.



## THE CUTTING BLADES

Various blade geometries are available for the Multicrusher so that it can be perfectly adjusted to the solids to be macerated.



## MULTICRUSHER AT A GLANCE

- + High degree of maceration
- + Effective pump and system protection
- + Can be retrofitted in all systems, easy installation
- + Control technology available upon request
- + Low life-cycle costs
- + Available in stainless steel

## VERTICALLY INSTALLED

The Multicrusher can be retrofitted in most systems. In case of very confined space conditions, the Multicrusher can be installed vertically.

For maintenance work on a vertically installed Multicrusher, the back pull out design allows for easy maintenance of the blades, gear unit, and drive.

*Back Pull Out Design*





## VERSATILE USE IN ENVIRONMENTAL AND INDUSTRIAL APPLICATIONS.

