

N.Mac[®] Channel

DOUBLE SHAFT GRINDER FOR CHANNEL INSTALLATION

Also in the channel version, the N.Mac[®] double-shaft grinder is ideal for fragmenting large and solid particles in liquid media and suits various applications such as wastewater treatment or grinding of food and fruit scraps. This housing design allows installation in sewers to avoid blockages and by crushing foreign substances.

Features

- Double shaft technology for size reduction of solid particles
- Energy efficient motors, from 2.2 - 4 kW
- Low speed of the cutters at high torque
- Standard cutter configuration with 7/7 teeth
- Optional control unit with reverse direction of rotation in case of blockages

Your benefits

- Shock absorption system
- Mechanical seals with quench
- Optional cleaning comb for fibrous materials
- Cutting devices in cartridge system
- Patented bearing and mechanical seal cartridges

Main applications

- Wastewater treatment plants
- Slaughterhouses and recycling centers
- Food waste
- Crushing of foreign matter such as plastic, bags and bottles as well as shoes, textiles, skins and hair, aluminum cans, tin scrap and lids



N.Mac[®] 50l



N.Mac[®] 150l



N.Mac[®] 350l

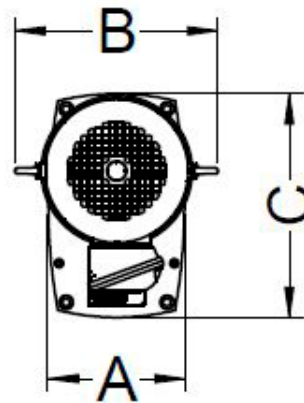
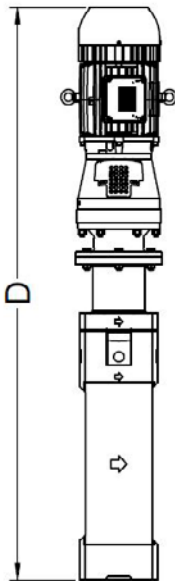


Cutters

Specific cutter geometries for each type of solids facilitate the particle reduction process. To reach the required particle size the different cutters with 3 to 11 teeth may be combined accordingly.

Wear resistance

The cutters are thermally hardened to increase resistance and sharpness assuring reliable grinding of the toughest solids.



Flow rates und dimensions

Sizes	Flow rate (m ³ /h)	Approximate weight (kg)	Dimensions (mm)			
			A	B	C	D
N.Mac® 50C	50	170	190	290	310	1225
N.Mac® 120C	120	200	190	290	310	1400
N.Mac® 250C	250	260	190	290	310	1750
N.Mac® 400C	400	320	190	290	310	2095