

N.Mac[®] Inline

DOUBLE SHAFT GRINDER FOR INLINE INSTALLATION

The double-shaft grinder N.Mac[®] is capable of fragmenting large and solid particles in liquid media. It is the ideal equipment to suit different applications such as wastewater treatment, substrates or food and fruit scraps for biogas plants. The inline housing allows installation in piping systems to protect downstream equipment, such as pumps.

Features

- Double shaft technology for size reduction of solid particles
- Energy efficient motors, from 2.2 - 4 kW
- Low speed of the cutters with high torque
- Standard cutter arrangement 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
- Biogas plants
- Agriculture
- Slaughterhouses and recycling plants
- Food waste
- Crushing offoreign 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



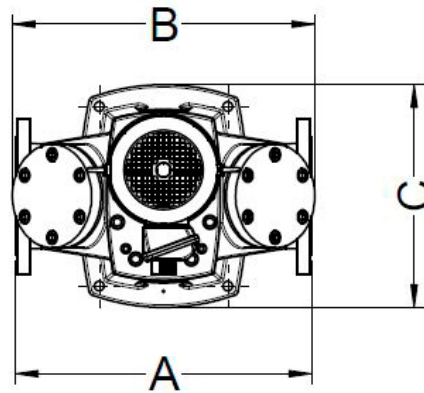
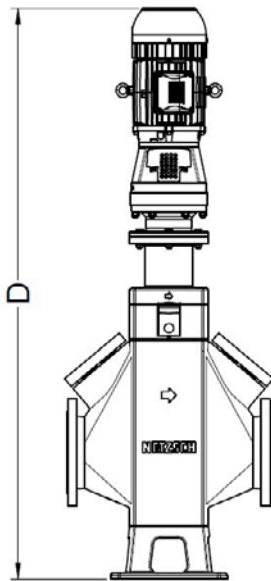
N.Mac[®] 350l

Cutter cartridges

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)	Pressure drop (bar)	Maximum pressure (bar)	Approximate weight (kg)	Flanges (ANSI/DIN)	Dimensions (mm)			
						A	B	C	D
N.Mac® 50I	50	0,05	6,0	220	150	340	350	445	1130
N.Mac® 150I	150	0,12	6,0	360	150	545	555	410	1525
N.Mac® 350I	350	0,08	6,0	780	250	830	830	425	1780



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