



MECAROANNE

— Solutions de broyage —

Single-Rotor Lump-Breaker TYPE EM 400

FIELD OF APPLICATION

Friable or agglomerated products such as ammonium bifluoride, foundry sand blocks, powder agglomerates, fertiliser lumps, sodium chloride, filter press sludge, etc.



OPERATING PRINCIPLE

A rotor with blades rotating at slow speed strikes and breaks up the material by forcing it through a grid.



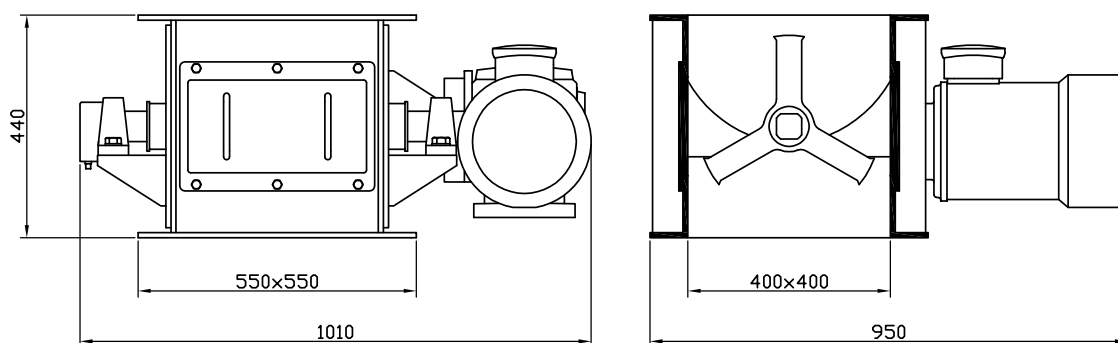
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TECHNICAL CHARACTERISTICS

Type	∅ rotors <i>mm</i>	Length rotors <i>mm</i>	Weight <i>kg</i>	Output grain size * <i>mm</i>	Installed power <i>kW</i>	Flow * <i>T/hour</i>
EM 400	400	400	275	0 to 30	3 to 5.5	5 to 50

** average values provided for reference, variable according to the type of processed materials and configuration of the grinding rotor (number and shape of the blades, rotation speed, width of the grid slots).*



DESIGN

This device is composed of a **rigid frame** made of thick welded sheet metal (stainless steel optional). The **simple design** allows **quick disassembly and replacement** of the rotor blades and grid without removing the lump-breaker. The grid can be flipped according to signs of wear and the lump-breaker can operate in both rotation directions, thus increasing the longevity of the blades by **even wear** of the two sides. Two fastened cable glands provide **long-lasting sealing** and **minimal maintenance**. In addition, two simple and reliable safety systems (one for each rotation direction) prevent mechanical breakage in the event of blockage by a foreign body.

