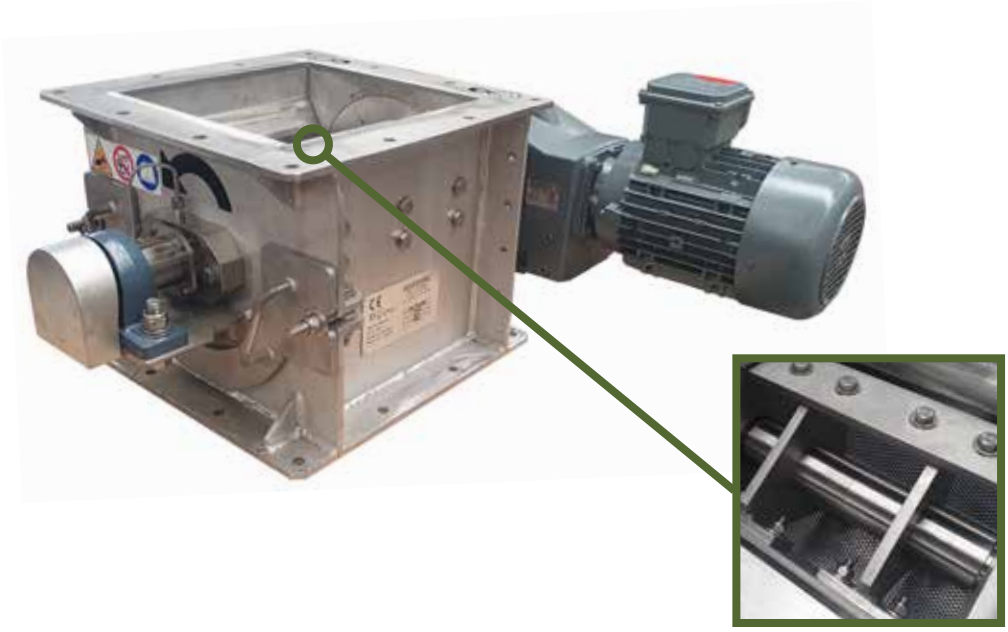
MECAROANNE
— Solutions de broyage —

Single-rotor feeder with grid
TYPE EMG

FIELDS OF APPLICATION

- **Friable or agglomerated products** such as lumps of salt or sugar, pralines, citric acid, food powders, various powder agglomerates (chemicals, fertilisers, etc.), cleaning tablets and pebbles, potassium chloride, caustic soda, soda ash, sulphamic acid, clay tablets, sulphur, ash, etc.
- **Various business sectors:** food, animal feed, minerals and mineral-based products, chemicals, pharmaceuticals, sugar and salt, etc.



HOW IT WORKS

The rotor, fitted with large blades, strikes the product and forces it through a perforated grid that calibrates the size of the product at the outlet.

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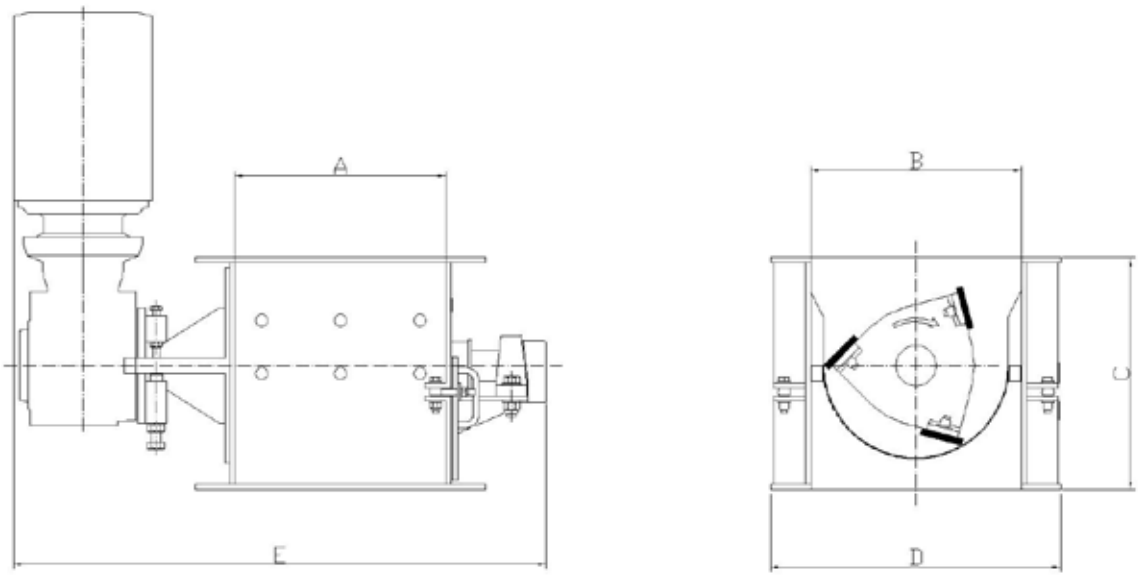
TECHNICAL CHARACTERISTICS

Type	Ø rotors	A	B	C	D	E	Weight	Output grain size *	Installed power	Flow rate *
	mm	*mm*	*mm*	*mm*	*mm*	*mm*	*kg*	*mm*	*kW*	*T/heure*
EMG 250x300	250	300	300	325	440	855	200	0 à 4	3	0.2 à 1
EMG 350x400	350	400	400	440	550	1020	300	0 à 4	4	1 à 2
EMG 450x1000	450	1000	500	600	650	2530	900	0 à 4	11	2 à 6

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



DESIGN

This device is composed of a **rigid frame** made of thick welded sheet metal, stainless steel is available as an option. The **simple design** allows **quick disassembly and replacement** of the rotor blades and grid without removing the lump-breaker. The grid is screw-mounted on a drawer that can be pulled out from the outside of the machine, so that the correct calibration can be installed for the product required. A sensor validates the presence of the drawer during operation. Two fastened cable glands provide **long-lasting sealing** and **minimal maintenance**. A simple and reliable safety system prevents mechanical breakage in the event of clogging or blockage by a foreign body.

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