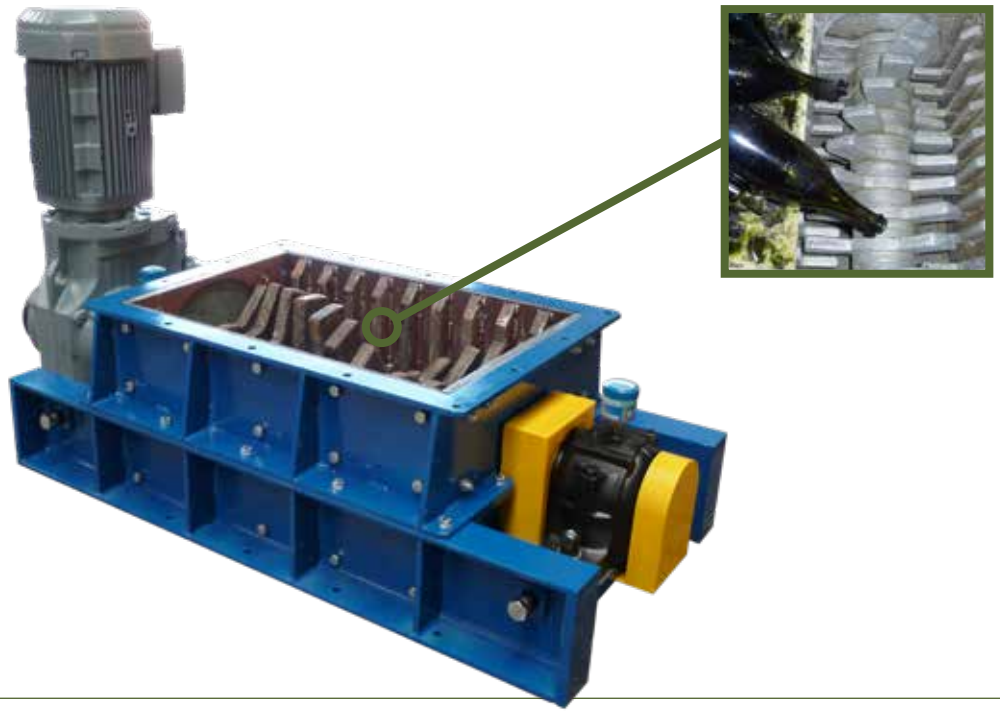
MECAROANNE
— Solutions de broyage —

Single-rotor crusher
TYPE CM 400

DOMAINES D'APPLICATION

- **Device mainly used to process brittle products, such as glass bottles, flat glass scraps, etc.**
- **It may also be suitable for friable applications requiring a torque greater than that of a simple lump-breaker,** such as sawdust logs, PU foam briquettes, etc.



OPERATING PRINCIPLE

A rotor with blades rotating at slow speed strikes and crushes the material by forcing it through grid bars.

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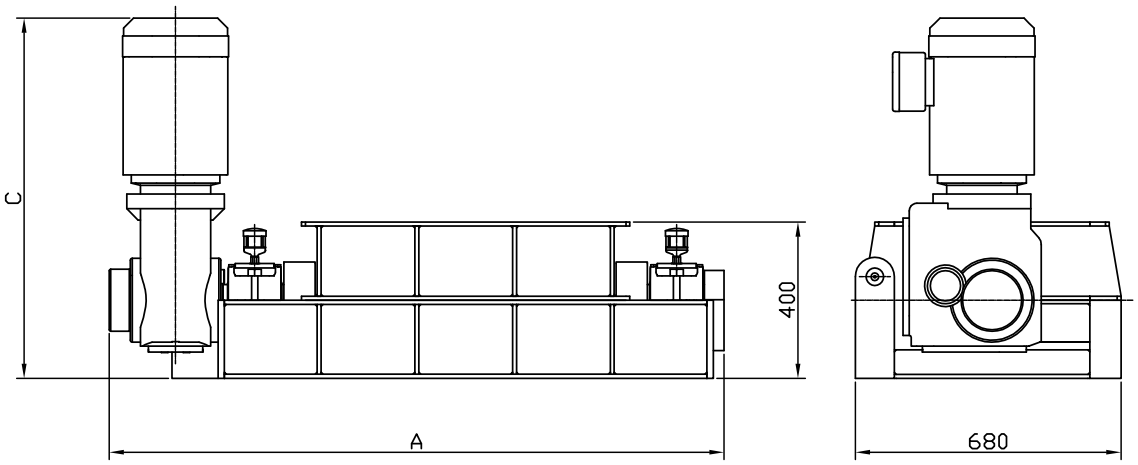
TECHNICAL CHARACTERISTICS

Type	Ø rotors	Length	A	C	Section input/output	Weight	Output grain size *	Installed power	Flow *
	mm	*mm*	*mm*	*mm*	*mm*	*kg*	*mm*	*kW*	*T/heure*
CM 400x400	400	400	1275	885	400 x 400	625	0 à 50	5.5	1 à 10
CM 400x700	400	700	1575	925	400 x 700	810	0 à 50	9.2	10 à 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, space between grid slots).*



DESIGN

This device is composed of a **rigid frame** made of thick welded sheet metal. The simplicity of its design allows quick disassembly and **quick replacement** of parts subject to wear. For abrasive applications, the **robustly designed** grinding tools and grid bars are reinforced on the surface with an anti-abrasion alloy. The same applies to the inside of the grinding chamber, which is lined with abrasion-resistant steel armour-plating. The bearings are removed from the grinding chamber. The low rotational speed of the rotor makes it possible to **limit the generation of fines**.

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