



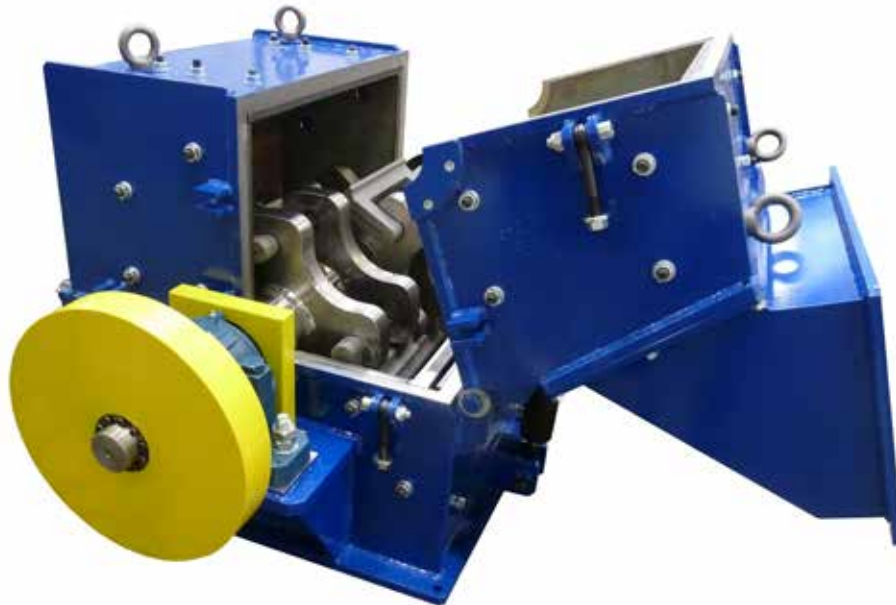
MECAROANNE

— Solutions de broyage —

Hammer crusher TYPE BM

FIELD OF APPLICATION

Any non-clogging, dry, friable or hard material, such as dried sewage plant sludge, ceramic, glass bottles, cooked clay bricks and tiles, clinker, charcoal, petroleum refining catalysts, soldering flux, talc, etc.



OPERATING PRINCIPLE

A rotor rotating at high speed (from 800 to 1500 rev/min depending on the model), equipped with special steel hammers that strike the product and project it against the grinding chamber screens. The output grain size is guaranteed by a calibration grid in the bottom section. Product must be fed along the entire length of the rotor at a regular rate.



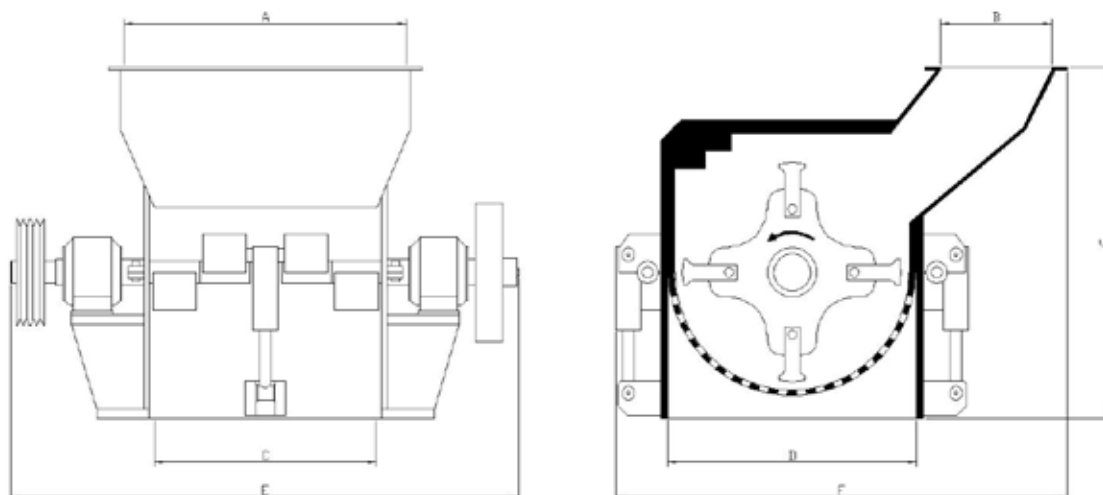
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TECHNICAL CHARACTERISTICS

Type	Nb Hammers	∅ rotors	Rotor width	A	B	C	D	E	F	G	Weight	Output grain size *	Installed power	Flow *
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	mm	kW	T/hour
BM 450x270	4 (1x4)	450	270	350	300	310	565	820	1050	800	650	0.5 to 5	7,5	1 to 3
BM 600x300	5 (1x5)	600	300	400	350	340	680	1020	1250	1000	880	0.5 to 5	11	2 to 4
BM 600x600	8 (2x4)	600	600	815	350	640	700	1470	1320	1020	1750	0.5 to 5	18.5	3 to 6
BM 700x600	12 (2x6)	700	600	815	350	640	815	1470	1520	1150	2300	0.5 to 5	30	5 to 10
BM 700x900	18 (3x6)	600	900	1100	350	940	815	1900	1550	1150	3450	0.5 to 5	45	8 to 15

* average values provided for reference, varies according to the type of processed materials, the speed of rotation and the perforation diameter of the grid.



DESIGN

Our devices are composed of a **rigid frame** made of thick welded sheet metal. The **simple design** allows **quick disassembly and replacement** of parts subject to wear, thanks to the hydraulic lift of the device's upper casing. The entire grinding chamber is lined with abrasion-resistant steel **shielding**. The independent hammer discs contribute to the flywheel effect. The high rotor rotation speed ensures a **high rate of reduction** (>10) with a small footprint.

