



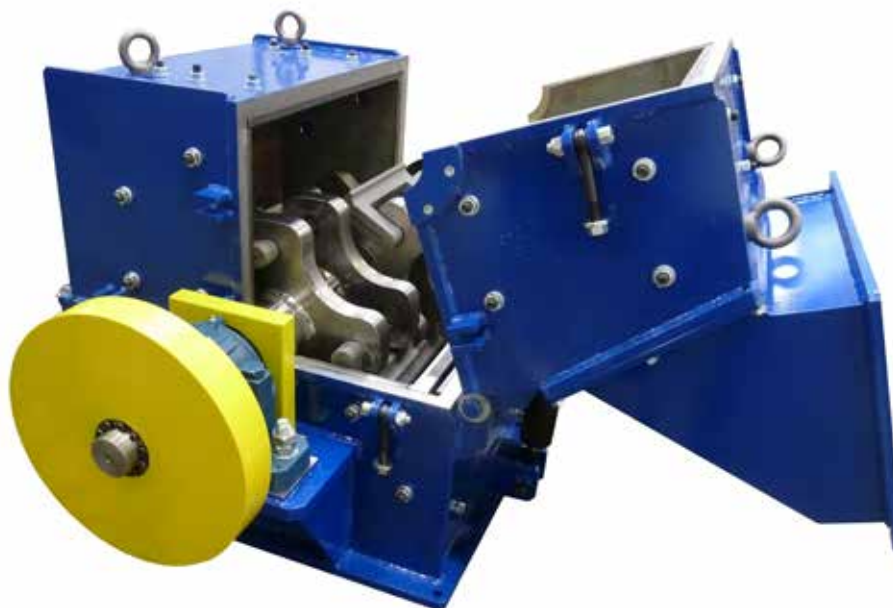
# MECAROANNE

— 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.



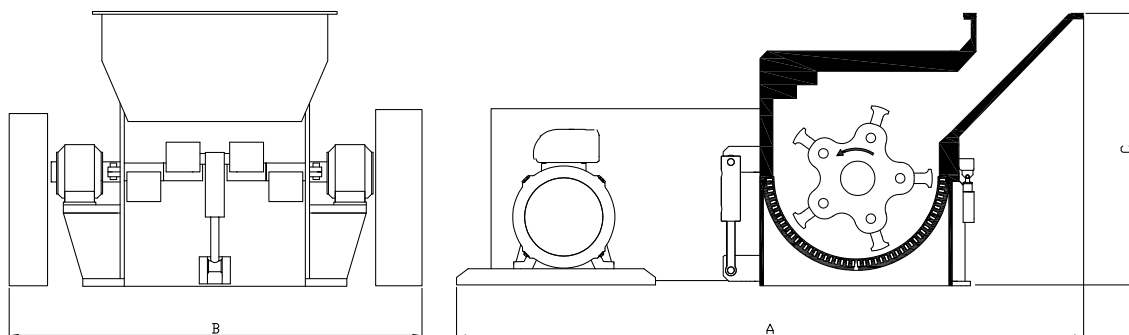
[www.mecaroanne.com](http://www.mecaroanne.com)



### TECHNICAL CHARACTERISTICS

Type	Nb Hammers	Ø rotors mm	Rotor width mm	Input section mm	Output section mm	A mm	B mm	C mm	Weight kg	Output grain size * mm	Installed power kW	Flow * T/heure
BM 450x270	4 (1x4)	450	270	350x300	300x550	1600	900	800	600	0 à 5	7.5	1 à 3
BM 600x300	5 (1x5)	600	300	400x300	350x700	2000	1100	1000	1000	0 à 5	11	2 à 4
BM 600x600	8 (2x4)	600	600	600x300	650x700	2000	1500	1000	1850	0 à 5	18.5	3 à 6
BM 700x600	12 (2x6)	700	600	600x300	650x800	2450	1600	1150	2800	0 à 5	30	5 à 10
BM 700x900	18 (3x6)	600	900	900x300	950x800	2600	1900	1150	3900	0 à 5	45	8 à 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.

