



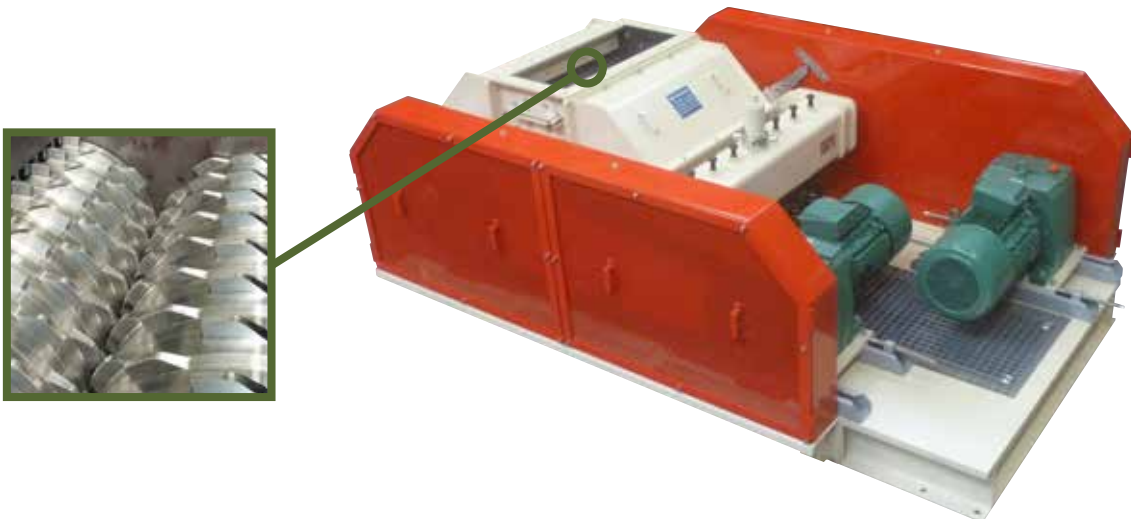
MECAROANNE

— Solutions de broyage —

Double roll crusher TYPE BCC

FIELD OF APPLICATION

Any reduction in volume of a non-clogging, friable or hard product, such as blocks of minerals or agglomerates: talc, coal, lime, limestone, kaolin, clinkers, etc.



OPERATING PRINCIPLE

- › Two rotors rotating in reverse, equipped with double rolls used to crush the product; these are cleaned continuously by scrapers.
- › One of the 2 rolls is mounted on a pivot, making it possible to adjust the gap between rolls or to move back during operation if a hard body is being processed.
- › Product must be fed at a constant rate and distributed throughout the entire working length of the grinding rolls.



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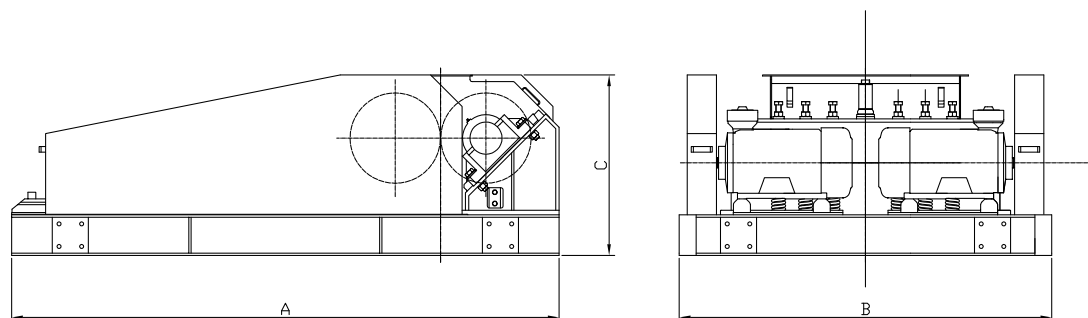


TECHNICAL CHARACTERISTICS

| Type | ∅ rotors <i>mm</i> | Length <i>mm</i> | A <i>mm</i> | B <i>mm</i> | C <i>mm</i> | Input section <i>mm</i> | Output section <i>mm</i> | Weight <i>kg</i> | Output grain size * <i>mm</i> | Installed power <i>kW</i> | Flow * <i>T/hour</i> |
|---------------------|-----------------------|---------------------|----------------|----------------|----------------|----------------------------|-----------------------------|---------------------|----------------------------------|------------------------------|-------------------------|
| BCC 400x400 | 400 | 400 | 2450 | 1450 | 800 | 300x400 | 680x430 | 2000 | 0 to 40 | 2 x 7.5 | 20 to 30 |
| BCC 400x600 | 400 | 600 | 2550 | 1650 | 800 | 300x600 | 680x630 | 2500 | 0 to 40 | 2 x 11 | 35 to 45 |
| BCC 400x800 | 400 | 800 | 2650 | 1850 | 800 | 300x800 | 680x830 | 3000 | 0 to 40 | 2 x 15 | 50 to 60 |
| BCC 500x600 | 500 | 600 | 3200 | 1900 | 1150 | 400x600 | 880x650 | 5500 | 0 to 40 | 2 x 18.5 | 40 to 50 |
| BCC 500x800 | 500 | 800 | 3300 | 2100 | 1150 | 400x800 | 880x850 | 7000 | 0 to 40 | 2 x 22 | 55 to 65 |
| BCC 500x1000 | 500 | 1000 | 3400 | 2300 | 1150 | 400x1000 | 880x1050 | 8500 | 0 to 40 | 2 x 30 | 70 to 80 |

* average values for a density 1 product and for a gap of 30 mm, variable according to the type of processed materials and the adjustment of the gap between grinding rolls.

** possible to adapt size according to specifications data.



DESIGN

Our devices are 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. Each of the two grinding rotors is guided by two **bearings removed** from the grinding chamber and controlled by their own motorisation. The latter is connected to its respective rotor by a pair of belt pulleys, protected with a safety casing. This type of technology makes it possible to achieve a **maximum reduction rate of 6**. It is mainly used to calibrate a product while limiting fines.

