

Jaw Crusher BB 100

General Information

The Jaw Crusher BB 100 is used for the rapid, gentle crushing and pre-crushing of medium-hard, hard, brittle and tough materials.

Its variety of materials offered including heavy-metal free steel, its efficiency and safety makes the BB 100 ideal for sample preparation in laboratories and industrial plants.

Application Examples

alloys, basalt, cement clinker, ceramics, chamotte, coal, coke, construction materials, feldspar, glass, granite, minerals, ores, oxide ceramics, quartz, rocks, silicon, slag, ...

Product Advantages

- excellent crushing performance
- connector for dust extraction
- wide range of materials for contamination free grinding
- wear compensation with zero-point adjustment
- gap width setting
- overload protection
- no-rebound feed hopper with quick-release clamp
- brake motor with safety switch
- easy-to-clean crushing chamber
- continuous grinding



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Features

Applications	coarse and pre-crushing
Field of application	chemistry / plastics, construction materials, engineering / electronics, environment, geology / metallurgy, glass / ceramics
Feed material	medium-hard, hard, brittle, tough
Size reduction principle	pressure
Material feed size*	< 50 mm
Final fineness*	< 4 mm
Material of grinding tools	manganese steel, stainless steel, tungsten carbide, steel 1.1750 (for heavy-metal free grinding)
Jaw width	60 x 60 mm
Gap width setting	0 - 20 mm
Gap width display	scale
Zero point adjustment	yes
Hinged hopper	yes
Dust extraction unit	yes
Central lubrication	-
Process line version	-
Collector capacity	2 l
Drive	1-phase motor / 3-phase motor
Drive power	0.75 kW
Protection code	IP 54
W x H x D closed	320 x 960 x 800 mm
Net weight	~ 137 kg
Remark weight (without hopper etc.)	0.75 kW
Workplace related emission value	LpAeq 90 dB(A)
Documentation	Operation & Application Video
Standards	CE

*depending on feed material and instrument configuration/settings

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Function Principle

The Jaw Crusher BB 100 is a robust and powerful forced-feed crusher. The feed material passes through the no-rebound hopper and enters the crushing chamber. Size reduction takes place in the wedged area between the fixed crushing arm and one moved by an eccentric drive shaft. The elliptical motion crushes the sample which then falls under gravity.

As soon as the sample is smaller than the discharge gap width, it falls into a removable collector. The continuous gap width setting with scale ensure optimal size reduction in accordance with the set gap width value.





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