

JAW CRUSHER BB 200



The Jaw Crusher BB 200 is used for the **rapid, effective 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 it ideal for sample preparation in laboratories and industrial plants.

For small amounts of sample the BB 200 can be used **batch-wise**; for larger amounts it can be operated **continuously**. Control of the gap width and zero point adjustment allow for reproducible results. The Belleville spring washer protects the Jaw Crusher from overloads and in conjunction with maintenance- and lubricant-free sliding bearings guarantees a long service life.

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
- | wear compensation with zero-point adjustment
- | infinitely gap width setting
- | overload protection
- | wide range of materials for contamination free grinding
- | no-rebound feed hopper with quick-release clamp
- | brake motor with safety switch
- | easy-to-clean crushing chamber
- | continuous grinding
- | connector for dust extraction
- | maintenance- and lubricant-free sliding bearings
- | suitable for integration in automatic installations
- | special version for grinding semi-conductor materials

FEATURES

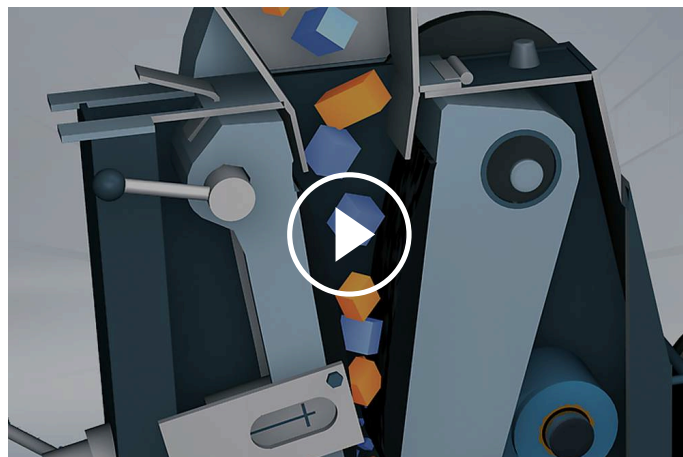
Applications	coarse and pre-crushing
Field of application	chemistry / plastics, construction materials, engineering / electronics, environment / recycling, geology / metallurgy, glass / ceramics
Feed material	medium-hard, hard, brittle, tough
Size reduction principle	pressure
Material feed size*	< 90 mm
Final fineness*	< 2 mm
Material of grinding tools	manganese steel, stainless steel, tungsten carbide, steel 1.1750 (for heavy-metal free grinding)
Jaw width	90 x 90 mm
Gap width setting	0 - 30 mm
Gap width display	scale
Zero point adjustment	yes
Hinged hopper	yes
Dust extraction unit	yes
Maintenance- and lubricant-free sliding bearing	yes
Process line version	optional
Collector capacity	5 l
Drive	1-phase motor / 3-phase motor
Drive power	1.5 kW
Electrical supply data	different voltages
Power connection	1-phase / 3-phase
Protection code	IP 54
W x H x D closed	450 x 1160 x 900 mm
Net weight	~ 300 kg
Standards	CE

*depending on feed material and instrument configuration/settings

FUNCTIONAL PRINCIPLE

The Jaw Crusher BB 200 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 shaped 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 within the Jaw Crusher. The **continuous gap width setting with scale ensures optimum size reduction** in accordance with the set gap width.



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