

Jaw Crusher BB 200

General Information

The Jaw Crusher BB 200 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 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 unit from overloads and in conjunction with the central lubrication 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
- connector for dust extraction
- central lubrication
- suitable for integration in automatic installations
- special version for grinding semi-conductor materials
- wear compensation with zero-point adjustment
- 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

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

Jaw Crusher BB 200

Gap width setting	0 - 30 mm
Gap width display	scale
Zero point adjustment	yes
Hinged hopper	yes
Dust extraction unit	yes
Central lubrication	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
Documentation	Operation & Application Video
Standards	CE

*depending on feed material and instrument configuration/settings

Jaw Crusher BB 200

Videolink



<http://www.retsch.com/bb200>

Function 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. The continuous gap width setting with scale ensure optimal size reduction in accordance with the set gap width value.

Order data

Jaw Crusher BB 200

breaking jaws / wearing plates

20.053.0001	BB 200, 3/N~ 400 V, 50 Hz, manganese steel / stainless steel
20.053.0007	BB 200, 230 V, 50 Hz, manganese steel / stainless steel
20.053.0002	BB 200, 3/N~ 400 V, 50 Hz, stainless steel / stainless steel
20.053.0008	BB 200, 230 V, 50 Hz, stainless steel / stainless steel
20.053.0003	BB 200, 3/N~ 400 V, 50 Hz, tungsten carbide / stainless steel
20.053.0009	BB 200, 230 V, 50 Hz, tungsten carbide / stainless steel
20.053.0043	BB 200, 3/N~ 400 V, 50 Hz, tungsten carbide / tungsten carbide

for grinding without heavy-metal contamination

20.053.0018	BB 200, 3/N~ 400 V, 50 Hz, steel 1.1750 / steel 1.0344
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Jaw Crusher BB 200

20.053.0019

BB 200, 230 V, 50 Hz, steel 1.1750 / steel 1.0344

for grinding of semi-conductor materials

20.059.0001

BB 200, 3~ 400 V, 50 Hz, tungsten carbide / tungsten carbide, (all parts coming into contact with the sample are heavy-metal-free)

other electrical versions available for the same price

Accessories BB 200

22.048.0004

Breaking jaws, manganese steel, 1 pair

22.048.0005

Breaking jaws, stainless steel, 1 pair

22.048.0006

Breaking jaws, tungsten carbide, 1 pair

22.711.0003

Wearing plates, stainless steel, 1 pair

22.711.0010

Wearing plates, tungsten carbide, 1 pair

22.664.0001

Lubricator

22.351.0003

V-belt, 1 set (3 pieces)

02.824.0054

Frame for combination BB 200/Disc Mill DM 200

Accessories BB 200 for grinding without heavy-metal contamination

22.048.0018

Breaking jaws, steel 1.1750, 1 pair

22.711.0006

Wearing plates, steel 1.0344, 1 pair

Jaw Crushers BB 200 / BB 300

for integration into a system at the customer's location, with manufacturer's declaration according to EC machine directive, with three-phase motor (voltages on request) and central lubrication, without hopper and protective motor switch

breaking jaws / wearing plates

20.058.1001

BB 200, manganese steel / stainless steel

20.058.1002

BB 200, stainless steel / stainless steel

20.058.1003

BB 200, tungsten carbide / stainless steel