

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

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*	< 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

Jaw Crusher BB 100

Central lubrication	-
Process line version	-
Collector capacity	2 l
Drive	1-phase motor / 3-phase motor
Drive power	0.75 kW
Electrical supply data	different voltages
Power connection	1-phase / 3-phase
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
Documentation	Operation & Application Video
Standards	CE

*depending on feed material and instrument configuration/settings

Jaw Crusher BB 100

Videolink



<http://www.retsch.com/bb100>

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-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 100

breaking jaws / wearing plates

20.052.0001	BB 100, 3/N~ 400 V, 50 Hz, manganese steel / stainless steel
20.052.0003	BB 100, 230 V, 50 Hz, manganese steel / stainless steel
20.052.0004	BB 100, 3/N~ 400 V, 50 Hz, stainless steel / stainless steel
20.052.0006	BB 100, 230 V, 50 Hz, stainless steel / stainless steel
20.052.0007	BB 100, 3/N~ 400 V, 50 Hz, tungsten carbide / stainless steel
20.052.0009	BB 100, 230 V, 50 Hz, tungsten carbide / stainless steel
20.052.0037	BB 100, 3/N~ 400 V, 50 Hz, tungsten carbide / tungsten carbide

for grinding without heavy-metal contamination

20.052.0027	BB 100, 3/N~ 400 V, 50 Hz, steel 1.1750 / steel 1.0344
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Jaw Crusher BB 100

20.052.0028

BB 100, 230 V, 50 Hz, steel 1.1750 / steel 1.0344

other electrical versions available for the same price

Accessories BB 100

22.048.0001

Breaking jaws, manganese steel, 1 pair

22.048.0002

Breaking jaws, stainless steel, 1 pair

22.048.0003

Breaking jaws, tungsten carbide, 1 pair

22.711.0002

Wearing plates, stainless steel, 1 pair

22.711.0005

Wearing plates, tungsten carbide, 1 pair

22.609.0002

Wheels, 1 set (4 pieces)

22.351.0002

V-belt, 1 set (3 pieces)

Accessories BB 100 for grinding without heavy-metal contamination

22.048.0017

Breaking jaws, steel 1.1750, 1 pair

22.711.0012

Wearing plates, steel 1.0344, 1 pair