



Jaw Crusher BB 100

General Information

The Jaw Crusher BB 100 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 this Jaw Crusher 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
- wide range of materials for contamination free grinding
- wear compensation with zero-point adjustment
- continuous 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
- connector for dust extraction

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





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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
Standards	CE

Please note:

*depending on feed material and instrument configuration/settings

Videolink



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

Function Principle

The BB 100 is a robust and powerful forced-feed Jaw Crusher. The feed material passes through the no-rebound hopper and enters the crushing chamber. Size reduction takes place in the wedgeshaped 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.

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



Jaw Crusher BB 100

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
20.052.0027	BB 100, 3/N~ 400 V, 50 Hz, steel 1.1750 / steel 1.0344, , for grinding without heavy-metal contamination
20.052.0028	BB 100, 230 V, 50 Hz, steel 1.1750 / steel 1.0344, , for grinding without heavy-metal contamination

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
22.048.0017	Breaking jaws, steel 1.1750, 1 pair, , for grinding without heavy-metal contamination
22.711.0002	Wearing plates, stainless steel, 1 pair
22.711.0005	Wearing plates, tungsten carbide, 1 pair
22.711.0012	Wearing plates, steel 1.0344, 1 pair, , for grinding without heavy-metal contamination
22.609.0002	Wheels, 1 set (4 pieces)
22.351.0002	V-belt, 1 set (3 pieces)