



JAW CRUSHER BB 600

Largest feed size combined with highest throughput

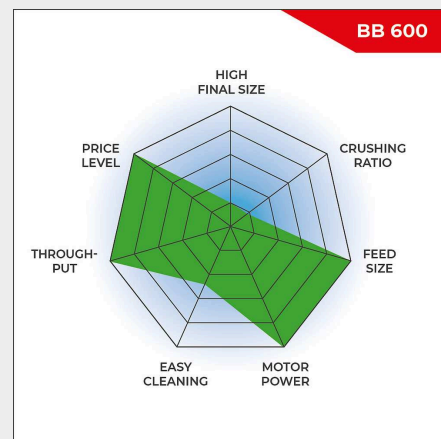
The Jaw Crusher BB 600 is specifically designed for accepting large feed sizes up to 350 x 170 mm. The gap width can be set stepless from 6 - 60 mm. Depending on the sample material, particle sizes down to 6 mm can be obtained in one working run, resulting in an excellent crushing ratio of 25. A throughput of up to 3500 kg/h is possible with the BB 600.

The RETSCH jaw crusher series is available in 8 different sizes. Throughput and final fineness depend on the crusher type, selected gap width and breaking properties of the sample material.

Robust design, simple handling and cleaning are the features of the RETSCH jaw crusher models. Small amounts of sample are processed batchwise; for larger amounts the crushers can be operated continuously.

ROBUST & VERSATILE

- | Excellent crushing ratio
- | Continuous gap width setting
- | High throughput up to 3500 kg/h
- | Removable hopper with splash-back protection
- | Suitable for continuous and batchwise crushing



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JAW CRUSHER BB 600 SUPERIORITY IN DETAIL

The BB 600 achieves a throughput of up to 3,500 kg per hour. For batchwise processing, the jaw crusher is equipped with a 30 l collecting receptacle.

The possibility to connect a dust extraction system

minimizes dust development during crushing.

Further features like overload protection and a feed hopper with splash-back protection make working with the BB 600 convenient and safe.

The breaking jaws for the BB 600 are sized 400 x 600 mm and are available in

- | manganese steel
- | steel for heavy-metal-free grinding
- | NiHard4 steel.



OPTIONS FOR JAW CRUSHER BB 600

AUTOMATED SORTING MACHINE

The BB 600 jaw crusher can be used in combination with an automated sorting machine. The crushed sample falls onto a perforated belt with mesh sizes of 2 mm, 4 mm and 6 mm. The appropriately sized particles fall into the respective tray below the belt, oversized particles fall into a fourth tray. This set up allows for easy and quick fractioning of sample material.



PROCESS-LINE VERSION

Due to the low installation height of 1 meter the BB 600 is ideally suited for continuous operation in automatic installations and sampling stations.

Thanks to the compact design of the BB 600 it may replace a jaw crusher in existing installations.



JAW CRUSHER BB 600

TYPICAL SAMPLE MATERIALS

RETSCH's powerful jaw crushers are ideally suited for preliminary crushing of construction materials, ores, granite, oxide ceramics, quartz, slag, silicon, coal, tungsten alloys, cement clinker, etc.



meteorite



sinter cake



graphite electrode



cement drill core

To find the best solution for your sample preparation task, visit our application database.

JAW CRUSHER BB 600

TECHNICAL DATA

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*	< 350 x 170 mm
Final fineness*	< 6 mm
Throughput*	3500 kg/h
Material of grinding tools	manganese steel, steel for heavy-metal free grinding, NiHard4
Jaw width	400 x 240 mm
Gap width setting	6 - 60 mm with spacer plates
Dust extraction unit	no
Central lubrication	no
Process line version	optional
Collector capacity	30 l
Drive	3-phase motor
Drive power	15 kW
Electrical supply data	different voltages
Power connection	3-phase
Protection code	IP 55
W x H x D closed	925 x 1600 x 1370 mm
Net weight	~ 1350 kg
Standards	CE

*depending on feed material and instrument configuration/settings

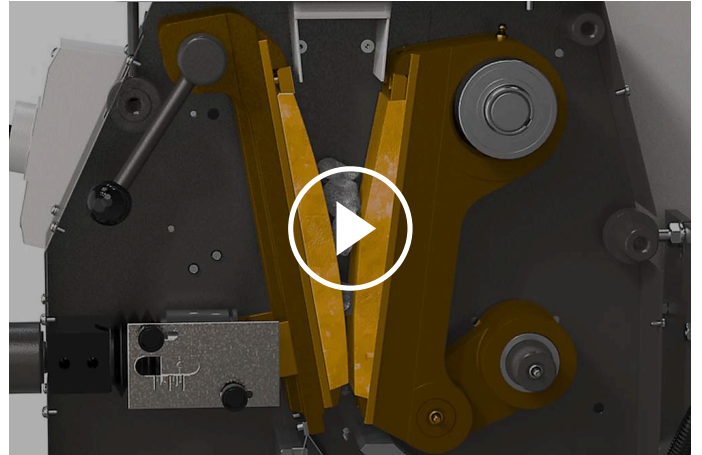
JAW CRUSHER BB 600

FUNCTIONAL PRINCIPLE

The Jaw Crusher BB 600 is a robust and powerful jaw crusher.

The feed material passes through the no-rebound hopper and enters the crushing chamber. Size reduction takes place in the wedge-shaped area between the fixed breaking jaw and the moveable breaking jaw driven by an eccentric drive shaft. The elliptical motion crushes the sample which then moves downwards under gravity.

On reaching the discharge gap width, it falls into a removable collector or, for continuous applications, on a conveyor belt, vibratory feeder or sampler.





[Click to view video](#)

www.retsch.com/bb600

ORDER DATA

JAW CRUSHER BB 600


Jaw Crusher BB 600 complete with breaking jaws, wearing plates, feed hopper, collecting receptacle and base frame

				breaking jaws / wearing plates
21.004.0009		BB 600	3~ 400 V, 50 Hz	manganese steel / hardened steel
21.004.0013		BB 600	3~ 400 V, 50 Hz	NiHard 4 / hardened steel

other electrical versions available for the same price

VERSION FOR INTEGRATION

Version for integration into a system at the customer's location, with manufacturer's declaration according to EC machine directive, with three-phase motor, without hopper, frame and protective motor switch

21.004.0006		BB 600	3/N~ 400 V, 50 Hz	manganese steel / hardened steel
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SPECIAL VERSION WITH AUTOMATED SORTING MACHINE

Special version with automated sorting machine (230 V/50 Hz) with 3 fractions for undersize and 1 fraction for oversize (mesh sizes 2 mm, 4 mm, 6 mm)

21.004.0005		BB 600	3/N~ 400 V, 50 Hz	manganese steel / hardened steel
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other electrical versions available for the same price

ACCESSORIES JAW CRUSHER BB 600

BREAKING JAWS BB 600

23.048.0032	Breaking jaws, manganese steel, 1 pair
23.048.0040	Breaking jaws, NiHard 4, 1 pair
23.048.0039	Breaking jaws, heavy metal free steel, 1 pair

other materials available on request

WEARING PLATES BB 600

23.711.0024 Wearing plates, hardened steel, 1 pair

23.711.0028 Wearing plates, heavy metal free steel, 1 pair

other materials available on request

FURTHER ACCESSORIES BB 600

23.003.0030 Collecting receptacle, standard steel, powder coated, 30 litres

23.412.0004 Automated sorting machine (230 V/50 Hz) with 3 fractions for undersize and 1 fraction for oversize (mesh sizes 2 mm, 4 mm, 6 mm)