

JAW CRUSHER BB 600



The Jaw Crusher BB 600 is used for **rapid, effective, crushing and pre-crushing of medium-hard, hard, brittle and tough materials.**

Due to the low installation height (1 m), 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.

Small sample amounts with large particle sizes can be crushed **batch-wise** in the Jaw Crusher BB 600.

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

- | high crushing ratio
- | high throughput up to 3,500 kg/h
- | adjustable gap width setting
- | overload protection
- | size of breaking jaws 600 mm high / 400 mm wide
- | no-rebound feed hopper
- | easy-to-clean crushing chamber
- | continuous and batch-wise crushing
- | suitable for integration in automatic installations
- | special version with automated sorting of undersize (3 fractions) and oversize (1 fraction) (2 - 6 mm available)

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*	< 350 x 170 mm
Final fineness*	< 6 mm
Material of grinding tools	manganese steel
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

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.



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