



ЧЕЛЮСТНА ТРОШАЧКА BB 400

Ergonomic handling and large feed size

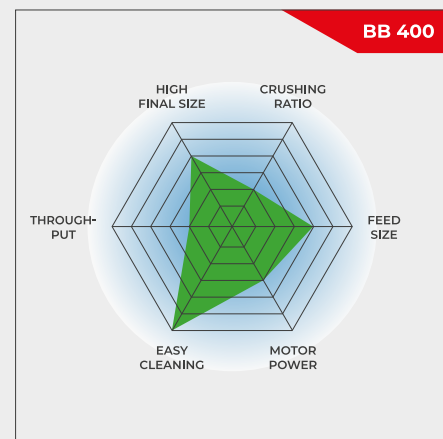
The Jaw Crusher BB 400 is specifically designed for accepting large feed sizes up to 220 x 90 mm. The gap width can be set stepless from 0-30 mm. Depending on the sample material, particle sizes down to 2 mm can be obtained, resulting in a crushing ratio of 50. A throughput of up to 400 kg/h is possible with the BB 400.

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

- | Front door facilitates cleaning of crushing chamber
- | Infinite/continuous gap width setting
- | Wide range of materials for contamination free grinding
- | Collecting receptacle with outlet for continuous operation
- | Connector for dust extraction
- | Scale indicates jaw wear
- | Selection of hoppers for specific applications



Ergonomic handling and large feed size

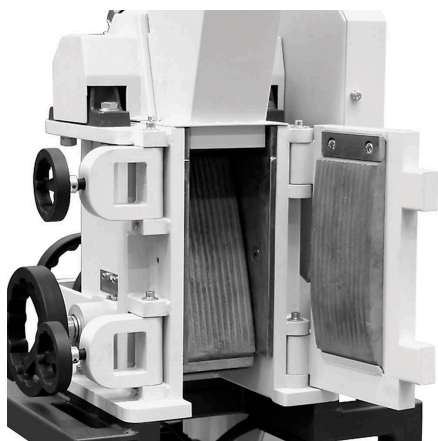
ЧЕЛЮСТНА ТРОШАЧКА BB 400

SUPERIORITY IN DETAIL

For sample amounts up to 10 l, the BB 400 is used batchwise; for larger volumes it can be operated continuously. Thanks to the modular concept of the housing and frame, this jaw crusher is suitable for a wide range of applications.

A front door gives direct access to the crushing chamber at a perfect height for ergonomic and easy cleaning. The feed hopper with splash-back protection can be removed quickly and easily. The BB 400 has a connection for dust extraction and is protected against mechanical overload. A scale indicates the wear of the breaking jaws, informing the user when it is time for an exchange.

The crushing chamber is available in 5 different materials to ensure neutral-to-analysis sample preparation. The technical and safety features make this jaw crusher ideally suited for sample preparation in laboratories and for small scale production.



Front door allows for easy cleaning



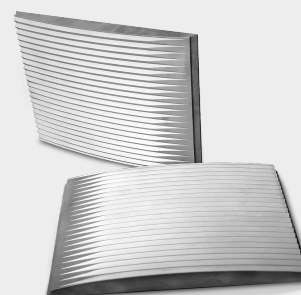
Connection for dust extraction

ACCESSORIES FOR THE JAW CRUSHER BB 400

BREAKING JAWS

Breaking jaws and wearing plates are available in five different materials to be selected depending on the sample and the analysis to be carried out:

- | манганова стомана
- | неръждаема стомана
- | волфрамов карбид
- | стомана за смилане без присъствие на тежки метали
- | NiHard4 стомана



HOPPER TYPES

Three hopper types are available for the BB 400 jaw crusher.

The standard hopper can be optionally equipped with a special infeed hopper. This additional hopper can be placed on a table for loading up to 10 l of sample material. By attaching it to the standard hopper with a connection rod, the sample is fed into the BB 400 with the help of a manual pusher.

A special hopper is available for quick and easy feeding of drill cores or large amounts of bulk material. The cover can be closed to serve as splash back protection.



COLLECTING VESSELS

In addition to the standard receptacle which accepts sample amounts up to 10 l, two options are available.

For continuous operation the collection funnel with outlet is the ideal choice.

The large volume receptacle accepts up to 26 liter of sample and comes with a flexible connection flange and a carrier on wheels. This version is the best choice for dust-free operation.



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ТИПИЧНИ МАТЕРИАЛИ ЗА ПРОБА

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.



циментов клинкер



керамика



катализатори



drill core

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

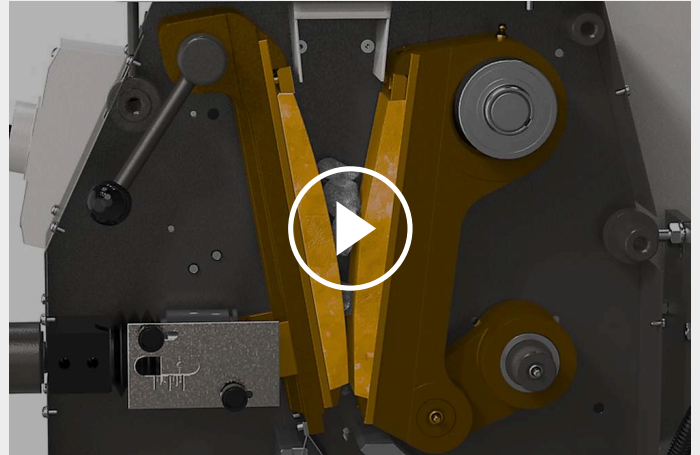
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ПРИНЦИП НА РАБОТА

The Jaw Crusher BB 400 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 wedge shaped area between the fixed crushing arm and one moved by an eccentric drive shaft. The elliptical motion crushes the sample which is moved towards the crushing gap 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.



[Click to view video](#)

ЧЕЛЮСТНА ТРОШАЧКА BB 400

ПРИНЦИП НА РАБОТА

Приложения	едро смилане и предварително намаляване на размерите
Област на приложение	Химия / пластмаси, геология / металургията, околна среда / рециклиране, строителни материали / електроника, стъкло / керамика
Материали	средно твърди, твърд, крехък, жилави
Принцип на смилане	налягане
Максимален размер на захранващият продукт	< 220 x 90 mm
Големина след смилане*	< 2 mm
Производителност*	400 kg/h
Материал на смилещите части	манганова стомана, волфрамов карбид, стомана за смилане без присъствие на тежки метали, NiHard4
Разстояние между челюстите	220 x 90 mm
Настройване на разстоянието	0 - 30 mm
Изобразяване на разстоянието:	скала
Зануляване разстоянието между челюстите:	да
Wearing rate display	yes, up to minus 10 mm
Removable hopper	да
Прахоуловител	да
Система за централно смазване	не
Версия за ползване при поточна линия	опция
Капацитет на колектора	10 l
Base frame	vario frame (adjustable for continuous crushing)
Задвижване	трифазен мотор
Мощност на двигателя	5.5 kW
Данни за електрозахранването	различни напрежения
Захранване	трифазен
Защита	IP 55
Размери затворена	695 x 1399 x 719 mm
Нетно тегло	~ 400 kg
Стандарти	CE

* в зависимост от захранващият материал и настройките на инструмента*

www.retsch.com/bb400

ДАННИ ПОРЪЧКА

JAW CRUSHER BB 400

Jaw Crusher BB 400 complete with breaking jaws, wearing plates, door, feed hopper, 10 l collecting receptacle and base frame

				breaking jaws / wearing plates
21.002.0001		BB 400	3~ 400 V, 50 Hz	manganese steel / hardened steel
21.002.0012		BB 400	3~ 400 V, 50 Hz	NiHard 4 / hardened steel
21.002.0002		BB 400	3~ 400 V, 50 Hz	tungsten carbide / hardened steel
21.002.0004		BB 400	3~ 400 V, 50 Hz	heavy metal free steel / heavy metal free steel

other electrical versions available for the same price

CYCLONE FOR BB 400

CYCLONE SET WITH HOLDER, CONNECTING ELEMENT, LID WITH CONNECTOR FOR VACUUM CLEANER AND SAMPLE OUTLET
(PLEASE ORDER CASSETTE WITH OUTLET SEPERATELY)

22.935.0039	Cyclone set with collecting receptacle 30 l
03.183.0142	Cassette with outlet for use with cyclone
02.605.0420	Adjustable steel connection tubing (316L) for cyclone set
05.707.0208	FDA certified hose, 1.5 m
22.748.0017	Industrial vacuum cleaner Attix, 230 V, 50/60 Hz

ACCESSORIES JAW CRUSHER BB 400

BREAKING JAWS BB 400

23.048.0029	Breaking jaws, manganese steel, 1 pair
23.048.0045	Breaking jaws, NiHard 4, 1 pair
23.048.0030	Breaking jaws, tungsten carbide, 1 pair
23.048.0031	Breaking jaws, heavy metal free steel, 1 pair

other materials available on request

WEARING PLATES BB 400

23.711.0021	Wearing plates, hardened steel, 1 pair
23.711.0020	Wearing plates, tungsten carbide, 1 pair
23.711.0019	Wearing plates, heavy metal free steel, 1 pair

other materials available on request

FURTHER ACCESSORIES BB 400

23.003.0016	Collecting receptacle, standard steel, powder coated, 5 litres
02.054.0058	Collecting receptacle, standard steel, powder coated, 10 litres
23.003.0024	Collecting receptacle, неръждаема стомана, 26 litres complete with connection flange and carrier with wheels
02.785.0226	Collecting funnel with outlet for continuous use, powder coated
23.785.0018	Hopper for drill cores
23.003.0019	Infeed hopper, неръждаема стомана, 10 litres incl. connection rod and manual pusher
03.025.0137	Adapter for vacuum cleaner
01.657.0031	Raised access step