



KAAKBREKER BB 250

Model with most ergonomic handling

The Jaw Crusher BB 250 is specifically designed for accepting large feed sizes up to 120 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 45. A throughput of up to 300 kg/h is possible with the BB 250.

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.

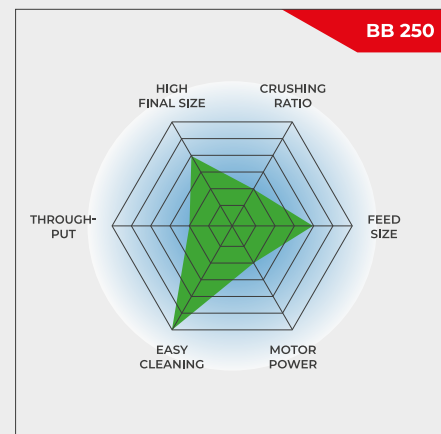


[Klik om video te bekijken](#)

Product Video

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



Model with most ergonomic handling

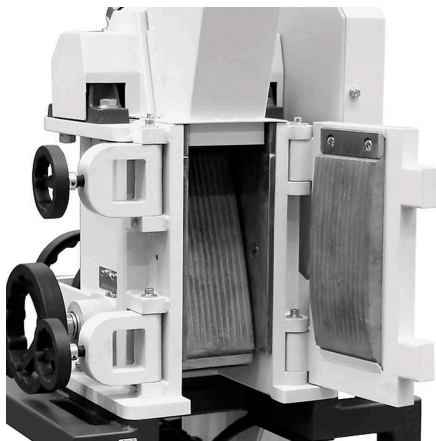
KAAKBREKER BB 250

SUPERIORITY IN DETAIL

For sample amounts up to 10 l, the Jaw Crusher BB 250 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 Jaw Crusher BB 250 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 6 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 250

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:

- | mangaanstaal
- | roestvrij staal
- | wolframcarbide
- | staal voor het malen zonder zware metalen
- | roestvrij staal 316L
- | NiHard4 staal



TRECHTER TYPES

Three hopper types are available for the BB 250 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 250 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.



KAAKBREKER BB 250 & SCHIJVENMOLEN DM 200

TWO-STAGE SAMPLE PREPARATION IN ONE STEP

De combi-eenheid, bestaande uit de kaakbreker BB 250 en de schijfmolen DM 200 die via een cycloonafscheider zijn gekoppeld, maakt een geautomatiseerde, continue monstervoorbereiding mogelijk. Het materiaal wordt rechtstreeks van de kaakbreker naar de schijfmolen getransporteerd, waardoor grote hoeveelheden in één stap kunnen worden verwerkt tot een gedefinieerde eindfijnheid van kleine deeltjes. Dit maalproces in twee stappen is nodig voor harde of brosse materialen die eerst grof moeten worden verkleind, gevolgd door fijn vermaling. De combi-unit stroomlijnt workflows, elimineert handmatige monsterverdracht en verkort de verwerkingstijd aanzienlijk. Het minimaliseert de stofuitstoot en zorgt voor efficiënte, reproduceerbare resultaten, waardoor het een ideale oplossing is voor toepassingen in de landbouw, cementproductie, mijnbouw, analyse van edelmetalen, materiaalonderzoek en milieuanalyse.



TOEPASSINGSVOORBEELD VAN DE COMBI-EENHEID

- | Gap setting jaw crusher: 2 mm
- | Gap setting disc mill: 0.2 mm

CYCLONE SYSTEM FOR JAW CRUSHERS

BYE-BYE DUST AND SAMPLE LOSS

Whether you're preparing samples in mining, precious metals, materials research, or environmental analysis, the RETSCH Cyclone System ensures efficiency, precision and safety like never before!

Why should you choose the RETSCH Cyclone System?

| Total Sample Recovery

Eliminate sample loss during crushing with our cyclone, ensuring accurate and reproducible results for every analysis!

| Enhanced Operator Safety

Our cyclone significantly reduces dust exposure, creating a safer and cleaner working environment for your team!

Plus: Existing instruments (BB 50, BB 250, BB 400 or BB 500) can be retrofitted with the Cyclone System.



USING THE CYCLONE SET WITH A COMBINATION OF TWO MACHINES

Beyond the general advantages of a cyclone, this combination enables pre-crushing and fine grinding in a single pass, resulting in increased process efficiency.

Existing machines BB 250 and DM 200 can be combined with a retrofitting system.



KAAKBREKER BB 250

TYPISCHE MONSTER MATERIALEN

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.



cement klinkers



keramiek



Katalysatoren



boorkern

Bezoek onze toepassingsdatabase om de beste oplossing voor uw monstervoorbereiding of analyse te vinden.

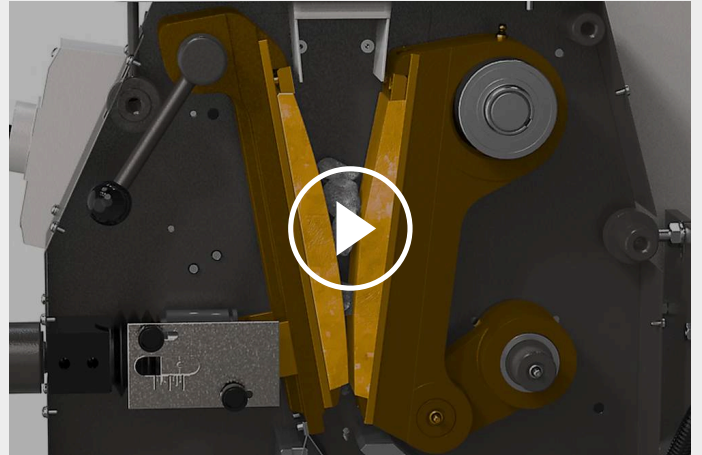
KAAKBREKER BB 250

PRINCIPE

De kaakbreker BB 250 is een robuuste, performante breker. Het produkt valt door de toevoertrechter, die tegen terugspringend produkt beveiligd is, in de trechtersvormige maalkamer.

Daar wordt het materiaal gebroken tussen de gegolfde breekplaten door een excentrisch bewegende breekarm en de vaststaande arm en naar beneden toe bewogen.

De traploos instelbare spleetinstelling kan worden afgelezen op de zijdelings aangebrachte lat en garandeert daarbij een optimale, aan het te malen produkt aangepaste instelling.



[Klik om video te bekijken](#)

KAAKBREKER BB 250

PRINCIPE

Toepassingen	Grove en voorvermaling
Toepassingsdomein	Milieu / Recycling, bouwmaterialen, chemie / kunststoffen, engineering / electronica, geologie / metallurgie, glas / keramiek
Toevoermateriaal	medium-hard, hard, breekbaar, taai
Maalprincipe	Druk
Korrelgrootte materiaal*	< 120 x 90 mm
Eindfijnheid*	< 2 mm
Doorvoer*	300 kg/h
Materiaal van maalwerktuigen	mangaanstaal, roestvrij staal, wolframcarbide, staal voor het malen zonder zware metalen, stainless steel 316L, NiHard4
Kaakbreedte	120 x 90 mm
Instelling spleetopening	0 - 30 mm
Weergave spleetopening	schaal
Nulpuntsinstelling	3,4 mm
Weergave slijtage graad	4,6 mm
Afneembare trechter	6,9 mm
Stofextractie-eenheid	Ja
Centrale smeerinstallatie	nee
Proces-lijn versie	optioneel
Opvangcapaciteit	10 l
Onderstel	vario onderstel (aanpasbaar voor continu vermalen)
Aandrijving	3-fasenmotor
Aandrijfvermogen	3.0 kW
Gegevens electriciteit	verschillende spanningen
Aansluiting electriciteit	3-fasen
Beschermingsklasse	IP 55
B x H x D gesloten	695 x 1399 x 719 mm
Netto gewicht	~ 350 kg
Standaarden	CE

*afhankelijk van toegevoerd materiaal en configuratie/instellingen van toestel

www.retsch.nl/bb250

BESTELGEGEVENS

JAW CRUSHER BB 250

Jaw Crusher BB 250 complete with breaking jaws, wearing plates, door, feed hopper, 10 l collecting receptacle and base frame

				kaken / slijtplaten
21.001.0001		BB 250	3~ 400 V, 50 Hz	manganese steel / hardened steel
21.001.0020		BB 250	3~ 400 V, 50 Hz	NiHard 4 / hardened steel
21.001.0002		BB 250	3~ 400 V, 50 Hz	tungsten carbide / hardened steel
21.001.0003		BB 250	3~ 400 V, 50 Hz	wolframcarbide / wolframcarbide
21.001.0004		BB 250	3~ 400 V, 50 Hz	heavy metal free steel / heavy metal free steel
21.001.0018		BB 250	3~ 400 V, 50 Hz	stainless steel / hardened steel

andere spanningsvarianten aan dezelfde prijs op aanvraag

CYCLONE FOR BB 250

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

22.935.0039	Cyclone set with collecting receptacle 30 l
03.183.0141	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 250

BREAKING JAWS BB 250

23.048.0026	Kaken, mangaanstaal, 1 paar
23.048.0044	Kaken, NiHard 4, 1 paar
23.048.0024	Kaken, tungsten carbide, 1 paar
23.048.0025	Kaken, heavy metal free steel, 1 paar
23.048.0042	Kaken, roestvrij staal, 1 paar

other materials available on request

WEARING PLATES BB 250

23.711.0021	Slijtplaten, gehard staal, 1 paar
23.711.0020	Slijtplaten, tungsten carbide, 1 paar
23.711.0019	Slijtplaten, heavy metal free steel, 1 paar

other materials available on request

FURTHER ACCESSORIES BB 250

23.003.0016	Opvangbak, standard steel, powder coated, 5 litres
23.003.0017	Opvangbak, standard steel, powder coated, 10 litres
23.003.0018	Opvangbak, roestvrij staal, 26 litres complete with connection flange and carrier with wheels
05.045.0528	Collecting receptacle for cyclone set 22.935.0039
23.003.0026	Collecting funnel with outlet for continuous use, powder coated
23.785.0017	Hopper for drill cores
23.003.0019	Infeed hopper, roestvrij staal, 10 litres incl. connection rod and manual pusher
02.785.0271	Infeed hopper for batch loading
03.025.0137	Adapter for vacuum cleaner
99.200.0044	IQ/OQ Documentation for BB 250