



CONCASOR CU FĂLCI BB 200

Versatile unit with a focus on fineness

The Jaw Crusher BB 200 is a floor model designed for a throughput of up to 300 kg/h, suitable for many typical crushing tasks. It accepts feed sizes up to 90 mm. The gap width can be set stepless from 0-30 mm.

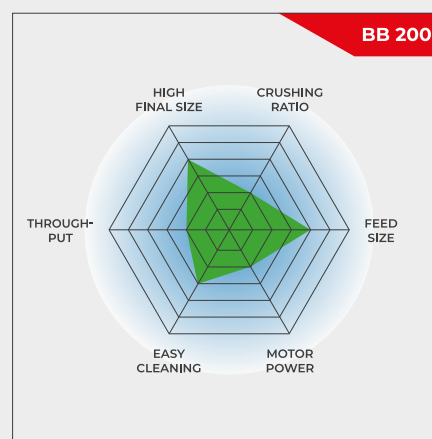
Depending on the sample material, particle sizes down to 2 mm can be obtained, resulting in a crushing ratio of 45. Its versatile usage includes continuous pre-and fine crushing in one step or process-line versions.

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 performance
- | Wide range of materials for contamination free grinding
- | Wear compensation with zero-point adjustment
- | Continuous gap width setting
- | Easy-to-clean crushing chamber
- | Suitable for continuous grinding
- | Connector for dust extraction



Versatile unit with a focus on fineness

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SUPERIORITATE ÎN DETALII

Robust design, simple handling and cleaning are the features of the BB 200 jaw crusher. For small sample amounts of up to 5 L the BB 200 can be used batch-wise; for larger amounts it can be operated continuously.

The crushed sample is collected in a removable collector. For larger amounts or continuous crushing operations, the sample collector can be replaced by customer-specific solutions (e.g. a belt conveyor).

A Belleville spring washer integrated in the spindle adjustment provides additional overload protection. The eccentric spindle which moves the crushing arm is driven by a robust brake motor via V-belts. The largest belt pulley also acts as the flywheel to ensure uniform and smooth operation. The BB 200 jaw crusher features maintenance- & lubricant-free sliding bearings.

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WEAR COMPENSATION BY ZERO-POINT ADJUSTMENT

Depending on the material and the throughput, sooner or later the breaking jaws will start to show signs of wear. This means that the set breaking jaw distance or the crushing gap will increase with time. To still be able to obtain reproducible crushing results this wear must be compensated.

RETSCH jaw crushers can be continuously adjusted, allowing for compensation of breaking jaw wear. This is done by slowly altering the gap width setting with the motor running until the breaking jaws are heard to come into contact. The new zero point thus obtained is saved by readjusting the scale.



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USER CONVENIENCE COMBINED WITH MAXIMUM SAFETY

Safety is a top priority with RETSCH jaw crushers. The feed hopper with splash-back protection cannot be accessed by hand. A safety switch and the brake motor ensure an immediate stop if the unit is opened or switched on incorrectly.

For easy cleaning of the crushing chamber, the hinged hopper can be removed in a few simple steps. The jaw crushers run very smoothly and quietly and are virtually maintenance-free.



PENTRU PROCESE DE MĂCINARE SIGURE ȘI EFICIENTE

ACCESSORIES FOR THE JAW CRUSHER BB 200

Fălcile și placuțele de uzură sunt disponibile în 5 materiale diferite și pot fi selectate în funcție de caracteristicile probei și de analizele efectuate ulterior măcinării:

- | oțel mangan
- | oțel inoxidabil
- | carbura de wolfram
- | steel for heavy-metal free grinding



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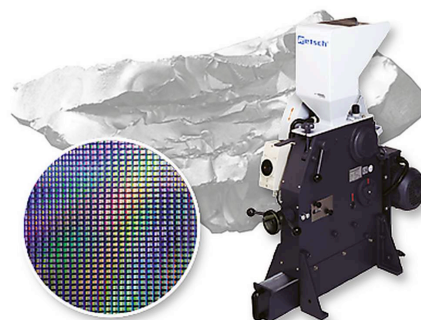
JAW CRUSHERS FOR SPECIAL REQUIREMENTS

Apart from the standard model, the BB 200 jaw crusher is also available in special versions adapted to particular application requirements.

HEAVY-METAL FREE CRUSHING

All jaw crushers are available in a heavy-metal-free version. The BB 200 can also be supplied in a special version suitable for crushing semiconductor materials. This includes plastic lining of feed hopper and receptacle as well as breaking jaws and wear plates of tungsten carbide.

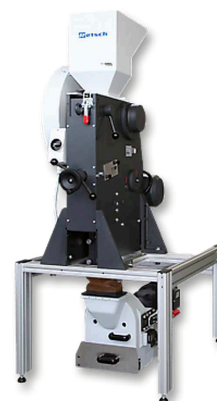
Thus, the sample does not come into contact with metal materials at any point and no abrasion of the grinding tools impairs the purity of the sample material.



CONTINUOUS PRE- AND FINE GRINDING

For the rapid, continuous grinding of large quantities of coarse material to analytical fineness, the combination of the jaw crusher BB 200 and the RETSCH Disc Mill DM 200 is the perfect solution.

The crusher is mounted above the disc mill on a frame and both instruments are connected by a chute. With this construction, samples of up to 90 mm feed size can be ground down to 100 microns in one single step.



PROCESS-LINE VERSION

The BB 200 jaw crusher is also available in a version suitable for continuous size reduction in online operation, e. g. for quality control during the production process. For these purposes it is supplied without feed hopper and motor protection switch. The voltage of the three-phase AC motor is selected in accordance with customer requirements.



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PROBE TIPICE

Concasoarele puternice RETSCH sunt ideale pentru măcinarea primară a materialelor de construcții, a minereurilor, granitului, ceramicii de oxid, cuarțului, zgurii, siliciului, cărbunelui, aliajelor de tungsten, clincherului de ciment, etc.



beton



jade



sticlă



coal

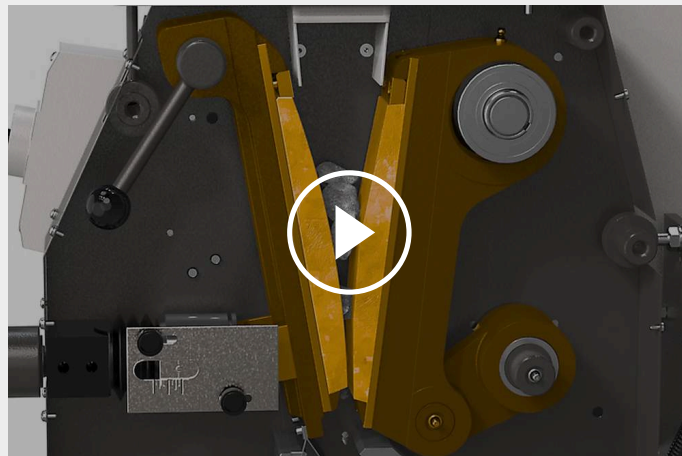
Pentru a găsi cea mai bună soluție de măcinare accesați baza noastră de date

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PRINCIPIU DE FUNCȚIONARE

Concasorul cu fălci BB 200 este un concasor robust și puternic, cu alimentare forțată. Materialul alimentat trece prin buncărul de alimentare fără recul și intră în camera de zdrobire. Reducerea dimensiunilor are loc în zona trapezoidală între falca fixa de cea acționată printr-un excentric.

Mișcarea eliptică zdrobește proba care apoi cade sub forța gravitației. Îndată ce proba este mai mică decât dimensiunea spațiului de evacuare, cade într-un vas colector detașabil. Dimensiune spațiului de evacuare poate fi ajustată continuu, ceea ce conduce la o reducere optimă a probei.



[Click pentru video](#)

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DATE TEHNICE

Aplicabilitate	concasare grosieră
Domenii in care se utilizeaza	chimie/plastic, geologie/metalurgie, inginerie/electronică, materiale construcții, mediu/reciclare, sticlă/ceramică
Material probă	duritate medie/mare, casant
Principiul de reducere a dimensiunii	prin aplicarea unei presiuni asupra probei
Dimens. max. probă*	< 90 mm
Finețe finală*	< 2 mm
Puterea produsă*	300 kg/h
Material de construcție a elementelor de macinare	oțel mangan, inox, carbura de wolfram, oțel 1.1750 (pentru concasare fara contaminare cu metale grele)
Dimensiuni fălci	90 x 90 mm
Setarea distantei dintre fălci	0-30 mm
Afișajul distantei dintre fălci	scală
Compensare uzura cu punct 0	da
Buncăr de alimentare	da
Etans la praf	da
Maintenance- and lubricant-free sliding bearing	da
Varianta constructiva pentru procese in linie	opțional
Capacitate colector	5 l
Antrenare	motor monofazic / motor trifazic
Putere motor	1.5 kW
Alimentare electrica	230 V, 50 Hz
Conectare sursă de alimentare	monofazic / trifazic
Grad de protecție	IP 54
W x H x D (închis)	450 x 1160 x 900 mm
Masa netă:	~ 300 kg
Standard	CE

* în funcție de materialul probei și configurația/setările instrumentului

www.retsch.com/bb200

INFORMAȚII DESPRE COMANDĂ

JAW CRUSHER BB 200

Jaw Crusher BB 200 complete with breaking jaws and wearing plates

				fălci / plăcuțe de uzură
20.053.0001		BB 200	3/N~ 400 V, 50 Hz	oțel mangan / oțel inoxidabil
20.053.0002		BB 200	3/N~ 400 V, 50 Hz	oțel inoxidabil / oțel inoxidabil
20.053.0003		BB 200	3/N~ 400 V, 50 Hz	tungsten carbide / stainless steel
20.053.0043		BB 200	3/N~ 400 V, 50 Hz	carbură de wolfram / carbură de wolfram
20.059.0001	 	BB 200	3~ 400 V, 50 Hz	tungsten carbide / tungsten carbide, all parts coming into contact with the sample are heavy-metal-free
20.053.0018		BB 200	3/N~ 400 V, 50 Hz	oțel 1.1750 / oțel 1.0344, pentru măcinare fără contaminare cu metale grele

la cerere, sunt disponibile alte versiuni electrice, la același preț

JAW CRUSHER BB 200 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 (voltages on request), without hopper and protective motor switch

20.058.1001		BB 200, oțel mangan / oțel inoxidabil
20.058.1002		BB 200, oțel inoxidabil / oțel inoxidabil
20.058.1003		BB 200, tungsten carbide / stainless steel

ACCESSORIES JAW CRUSHER BB 200

1)

BREAKING JAWS BB 200

22.048.0004		Fălci oțel mangan 1 pereche
22.048.0005		Fălci oțel inoxidabil 1 pereche
22.048.0006		Fălci tungsten carbide 1 pereche
22.048.0024		Fălci tungsten carbide 1 pair, for jaw crusher 20.059.0001
22.048.0026		Fălci NiHard 4 1 pereche
22.048.0018		Fălci oțel 1.1750 1 pereche, pentru măcinare fără contaminare cu metale grele

WEARING PLATES BB 200

22.711.0003		Plăcuțe de uzură oțel inoxidabil 1 pereche
22.711.0010		Plăcuțe de uzură tungsten carbide 1 pereche
22.711.0006		Plăcuțe de uzură oțel 1.0344 1 pereche, pentru măcinare fără contaminare cu metale grele

FURTHER ACCESSORIES BB 200

22.351.0003		V-belt, 1 set (3 pieces)
02.824.0054		Frame for combination BB 200/Disc Mill DM 200