



CONCASOR CU FĂLCI BB 300

Versatile unit with a focus on feed size

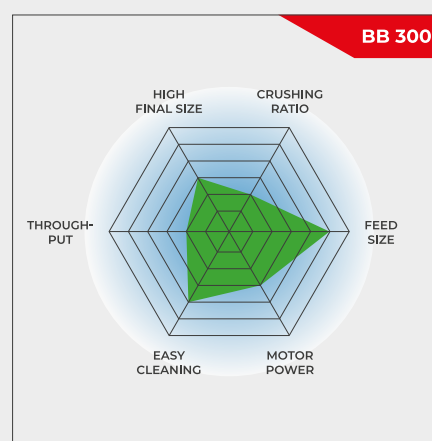
The Jaw Crusher BB 300 is specifically designed for accepting large feed sizes up to 130 mm. The gap width can be set stepless from 1-40 mm. Depending on the sample material, particle sizes down to 5 mm can be obtained, resulting in a crushing ratio of 26. A throughput of up to 600 kg/h is possible with the BB 300.

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 feed size

CONCASOR CU FĂLCI BB 300 SUPERIORITATE ÎN DETALII

Robust design, simple handling and cleaning are the features of the BB 300 jaw crusher. For sample amounts of up to 35 L the BB 300 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 300 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 300

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



CONCASOR CU FĂLCI BB 300

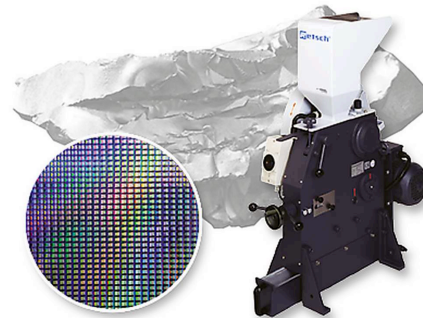
JAW CRUSHERS FOR SPECIAL REQUIREMENTS

Apart from the standard model, the BB 300 jaw crusher is also available in special version adapted to particular application requirements.

Heavy-metal free crushing

All jaw crushers are available in a heavy-metal-free version. The BB 300 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.



Process-line version

The BB 300 jaw crusher is also available in versions which are suitable for continuous size reduction in online operation, e. g. for quality control during the production process.

These are supplied without feed hopper and motor protection switch. The voltage of the three-phase AC motor will be selected in accordance with the customer's 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

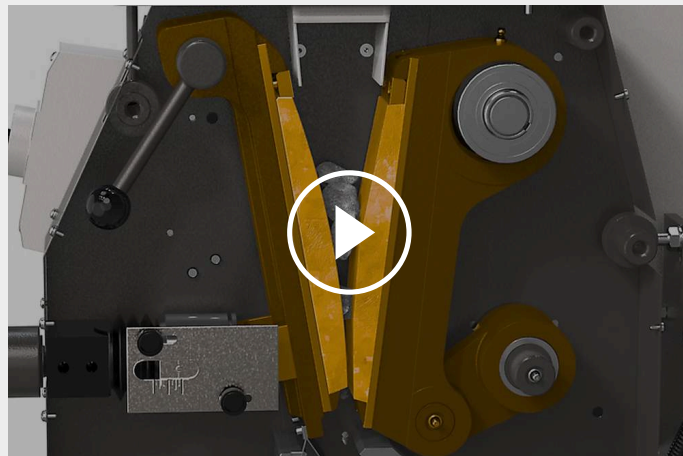
Pentru a găsi cea mai bună soluție de măcinare accesați baza noastră de date

CONCASOR CU FĂLCI BB 300

PRINCIPIU DE FUNCȚIONARE

Kruszarka szczękowa BB 300 jest solidnym i mocnym urządzeniem do rozdrabniania. Materiał wejściowy podawany przez zasyp wpada następnie do komory mielenia. Rozdrabnianie odbywa się pomiędzy szczękami - jedna nieruchoma a druga napędzana poprzez niecentryczny wał napędowy. Eliptyczny ruch szczęki powoduje miażdżenie i kruszenie próbki, które następnie spada swobodnie do specjalnej szuflady.

Gdy tylko próbka osiągnie rozmiary mniejsze niż ustawiona szerokość szczeliny między szczękami, spada ona swobodnie do wymiennego kolektora umieszczonego w urządzeniu na zasadzie wysuwanej szuflady. Szerokość szczeliny jest przez cały czas widoczna na specjalnej skali, co zapewnia powtarzalność jak i możliwość optymalnego ustawienia parametrów.



[Click pentru video](#)

CONCASOR CU FĂLCI BB 300

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*	< 130 mm
Finețe finală*	< 5 mm
Puterea produsă*	600kg/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	138 x 198 mm
Setarea distantei dintre fălci	1 - 40 mm
Afișajul distantei dintre fălci	scală
Compensare uzura cu punct 0	da
Buncăr de alimentare	da
Etans la praf	da
Varianta constructiva pentru procese in linie	opțional
Capacitate colector	27.5 l / 35.4 l
Antrenare	motor electric
Putere motor	3.0 kW
Alimentare electrica	230 V, 50 Hz
Conectare sursă de alimentare	trifazic
Grad de protecție	IP 54
W x H x D (închis)	670 x 1450 x 1600 mm
Masa netă:	~ 700 kg
Standard	CE

* în funcție de materialul probei și configurația/setările instrumentului

www.retsch.com/bb300

INFORMAȚII DESPRE COMANDĂ

JAW CRUSHER BB 300

**Jaw Crusher BB 300 complete with breaking jaws and wearing plates
(please order collecting receptacle separately)**

				fălci / plăcuțe de uzură
20.054.1001		BB 300	3/N~ 400 V, 50 Hz	oțel mangan / oțel inoxidabil
20.054.1003		BB 300	3/N~ 400 V, 50 Hz	oțel inoxidabil / oțel inoxidabil
20.054.1013		BB 300	3/N~ 400 V, 50 Hz	tungsten carbide / stainless steel
20.061.0001	 	BB 300	3~ 400 V, 50 Hz	tungsten carbide / tungsten carbide, all parts coming into contact with the sample are heavy-metal-free
20.054.1006		BB 300	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 300 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

20.057.1001		BB 300	oțel mangan / oțel inoxidabil
20.057.1002		BB 300	oțel inoxidabil / oțel inoxidabil

COLLECTING RECEPTACLES BB 300

05.045.0048		Collecting receptacle galvanized steel 27.5 litres
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05.045.0049



Collecting receptacle
plastic
35.4 litres

22.906.0001



Carriage for collecting receptacle, capacity up to 150 kg

ACCESSORIES BB 300

1)

BREAKING JAWS BB 300

22.048.0007



Fălci
oțel mangan
1 pereche

22.048.0008



Fălci
oțel inoxidabil
1 pereche

22.048.0021

Fălci
tungsten carbide
1 set

22.048.0025

Fălci
tungsten carbide
1 set, for jaw crusher 20.061.0001

22.048.0019



Fălci
oțel 1.1750
1 pereche, pentru măcinare fără contaminare cu metale grele

WEARING PLATES BB 300

22.711.0004



Plăcuțe de uzură
oțel inoxidabil
1 pereche

22.711.0014

Plăcuțe de uzură
tungsten carbide
1 pair, for jaw crusher 20.061.0001

22.711.0013



Plăcuțe de uzură
oțel 1.0344
1 pereche, pentru măcinare fără contaminare cu metale grele

FURTHER ACCESSORIES

02.785.0273

Infeed hopper for batch loading

22.351.0004



V-belt, 1 set (4 pieces)