



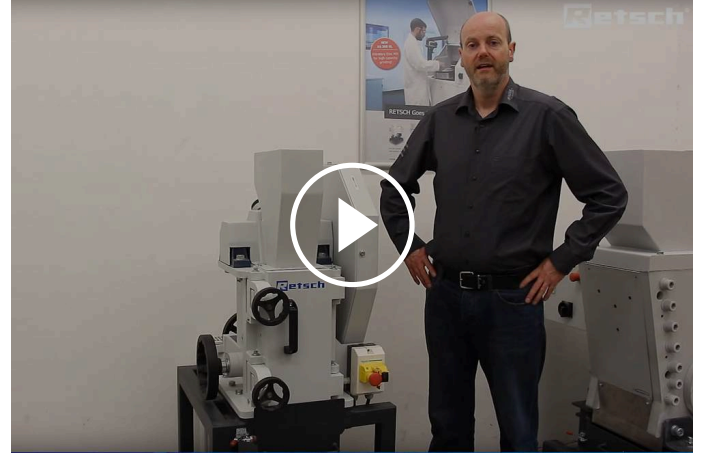
## ÇENELİ KIRICI BB 250

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.

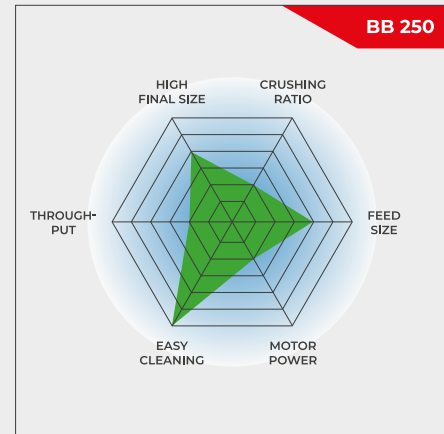


[Videoyu izlemek için tıklayın](#)

### Ürün Videosu

## 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

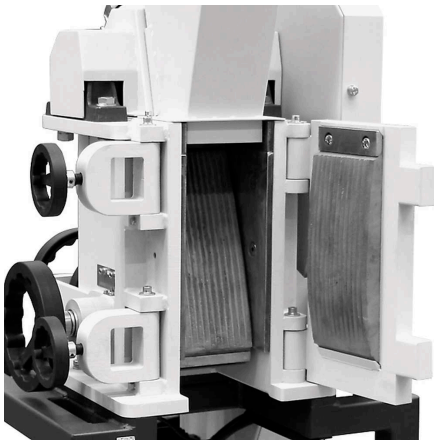
ÇENELİ KIRICI BB 250

## 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:

- | Manganez çelik
- | Paslanmaz çelik
- | Tungsten karbür
- | Ağır metal içermeyen öğütme için çelik
- | Paslanmaz çelik 316L
- | NiHard4 Çelik



### HAZNE TÜRLERİ

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.



ÇENELİ KIRICI BB 250 & DISKLI ÖĞÜTÜCÜ DM 200

## TWO-STAGE SAMPLE PREPARATION IN ONE STEP

The combi unit, featuring the Jaw Crusher BB 250 and the Disc Mill DM 200 connected via a cyclone separator, enables automated, continuous sample preparation. Material is directly transported from the jaw crusher to the disk mill, allowing large feed sizes to be processed in one step to a defined final fineness of small particles. This two-step grinding process is necessary for hard or brittle materials that require initial coarse reduction followed by fine grinding. The combi unit streamlines workflows, eliminates manual sample transfer, and significantly reduces processing time. It minimizes dust emissions and ensures efficient, reproducible results, making it an ideal solution for applications in agriculture, cement production, mining, precious metal analysis, materials research, and environmental analysis.



### APPLICATION EXAMPLE OF THE COMBI UNIT

- | Gap setting jaw crusher: 2 mm
- | Gap setting disc mill: 0.2 mm
- | Feed size: 60 mm
- | Final fineness: 200 µm
- | Sample amount: 1 kg
- | Process time: 10 min

## 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.



ÇENELİ KIRICI BB 250

## TIPIK ÖRNEK MALZEMELER

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.



*Çimento klinker*



*Seramik*



*Katalizör*



*drill core*

Örnek hazırlama göreviniz için en iyi çözümü bulmak için uygulama veri tabanımızı ziyaret ediniz



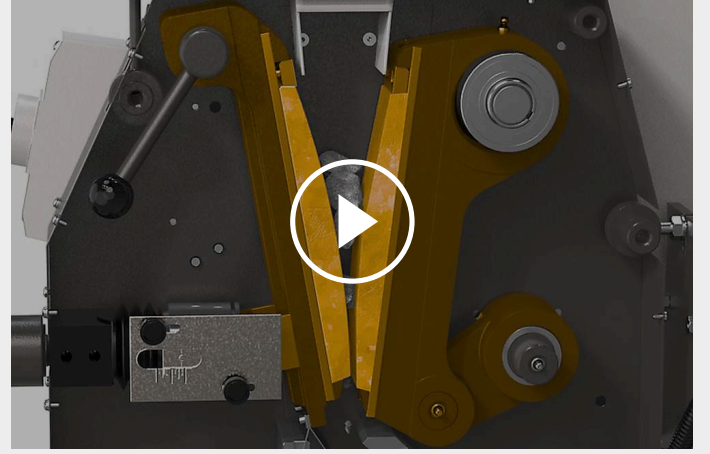
ÇENELİ KIRICI BB 250

## FONKSİYON PRENSİBİ

Çeneli Kırıcı BB 250, sağlam ve güçlü bir zorunlu beslemeli kırıcıdır. Besleme malzemesi geri tepmesiz huniden geçer ve kırma odasına girer.

Sabit kırma kolu ile eksantrik bir tahrik mili tarafından hareket ettirilen kırma kolu arasındaki kama şeklindeki alanda boyut küçültme gerçekleşir. Eliptik hareket, yerçekimi altında kırma aralığına doğru hareket ettirilen numuneyi ezer.

Numune, boşaltma boşluğu genişliğinden daha küçük olur olmaz, çeneli kırıcı içindeki çıkarılabilir bir toplayıcıya düşer. Ölçekli sürekli boşluk genişliği ayarı, ayarlanan boşluk genişliğine göre optimum boyut küçültme sağlar.



[Videoyu izlemek için tıklayın](#)

## ÇENELİ KIRICI BB 250

**FONKSİYON PRENSİBİ**

|                                          |                                                                                                                         |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Uygulamalar</b>                       | kaba ve ön öğütme                                                                                                       |
| <b>Uygulama alanı</b>                    | inşaat malzemesi ..., kimya / plastik                                                                                   |
| <b>Besleme malzemesi</b>                 | sert, kırılğan, orta sert, sert                                                                                         |
| <b>Boyut küçültme prensibi</b>           | basınç                                                                                                                  |
| <b>Malzeme giriş büyüklüğü</b>           | < 120 x 90 mm                                                                                                           |
| <b>Çıkış büyüklüğü</b>                   | < 2 mm                                                                                                                  |
| <b>Çıktı*</b>                            | 300 kg/s                                                                                                                |
| <b>Öğütücü elemanların malzemesi</b>     | Manganez çelik, Paslanmaz çelik, Tungsten karbür, Ağır metal içermeyen öğütme için çelik, stainless steel 316L, NiHard4 |
| <b>Çene genişliği</b>                    | 120 x 90 mm                                                                                                             |
| <b>Çene aralığı genişliği ayarı</b>      | 0 - 30 mm                                                                                                               |
| <b>Çene aralığı genişliği göstergesi</b> | skala                                                                                                                   |
| <b>Sıfır noktası ayarı</b>               | 3,4 mm                                                                                                                  |
| <b>Aşınma oranı ekranı</b>               | 4,6 mm                                                                                                                  |
| <b>Çıkarılabilir huni</b>                | 6,9 mm                                                                                                                  |
| <b>Toz çekme ünitesi</b>                 | evet                                                                                                                    |
| <b>Merkezi yağlama</b>                   | Hayır                                                                                                                   |
| <b>Üretim hattı versiyonu</b>            | opsiyonel                                                                                                               |
| <b>Kollektör kapasitesi</b>              | 10 l                                                                                                                    |
| <b>Temel stand</b>                       | vario çerçeve (sürekli kırma için ayarlanabilir)                                                                        |
| <b>Tahrik</b>                            | 3-faz motor                                                                                                             |
| <b>Motor gücü</b>                        | 3.0 kW                                                                                                                  |
| <b>Elektriksel veriler</b>               | farklı voltajlar                                                                                                        |
| <b>Güç bağlantısı</b>                    | 3-faz                                                                                                                   |
| <b>Koruma kodu</b>                       | IP 55                                                                                                                   |
| <b>G x Y x D kapalı</b>                  | 695 x 1399 x 719 mm                                                                                                     |
| <b>Net ağırlık</b>                       | ~ 350 kg                                                                                                                |
| <b>Standartlar</b>                       | CE                                                                                                                      |

\* besleme malzemesi ve cihaz yapılandırmasına / ayarlarına bağlıdır

[www.retsched.com/bb250](http://www.retsched.com/bb250)

## SIPARIŞ BİLGİSİ

### ÇENELİ KIRICI BB 250

**Çeneli Kırıcı BB 250, kırma çeneleri, aşınma plakaları, kapı, besleme hunisi, 10 l toplama haznesi ve taban standı ile birlikte**

|             |                                                                                     |        |                 | kırma çeneleri / aşınma plakaları                       |
|-------------|-------------------------------------------------------------------------------------|--------|-----------------|---------------------------------------------------------|
| 21.001.0001 |    | BB 250 | 3~ 400 V, 50 Hz | manganlı çelik / sertleştirilmiş çelik                  |
| 21.001.0020 |    | BB 250 | 3~ 400 V, 50 Hz | NiHard 4 / sertleştirilmiş çelik                        |
| 21.001.0002 |    | BB 250 | 3~ 400 V, 50 Hz | tungsten karbür / sertleştirilmiş çelik                 |
| 21.001.0003 |    | BB 250 | 3~ 400 V, 50 Hz | tungsten karbür / tungsten karbür                       |
| 21.001.0004 |   | BB 250 | 3~ 400 V, 50 Hz | ağır metal içermeyen çelik / ağır metal içermeyen çelik |
| 21.001.0018 |  | BB 250 | 3~ 400 V, 50 Hz | paslanmaz çelik / sertleştirilmiş çelik                 |

**aynı fiyata diğer elektrikli versiyonlar mevcuttur**

### 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          |

### AKSESUARLAR ÇENELİ KIRICI BB 250

KIRMA ÇENELERİ BB 250

|             |                                                    |
|-------------|----------------------------------------------------|
| 23.048.0026 | Kırma çeneleri, manganlı çelik, 1 çift             |
| 23.048.0044 | Kırma çeneleri, NiHard 4, 1 çift                   |
| 23.048.0024 | Kırma çeneleri, tungsten carbide, 1 çift           |
| 23.048.0025 | Kırma çeneleri, ağır metal içermeyen çelik, 1 çift |
| 23.048.0042 | Kırma çeneleri, stainless steel, 1 çift            |

**istek üzerine diğer malzemeler mevcuttur**

**BB 250 AŞINMA PLAKALARI**

|             |                                                      |
|-------------|------------------------------------------------------|
| 23.711.0021 | Aşınma plakaları, hardened steel, 1 çift             |
| 23.711.0020 | Aşınma plakaları, tungsten carbide, 1 çift           |
| 23.711.0019 | Aşınma plakaları, ağır metal içermeyen çelik, 1 çift |

**istek üzerine diğer malzemeler mevcuttur**

**DIĞER AKSESUARLAR BB 250**

|             |                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------|
| 23.003.0016 | Toplama haznesi, standart çelik, elektrostatik toz boyalı, 5 litre                              |
| 23.003.0017 | Toplama haznesi, standart çelik, elektrostatik toz boyalı, 10 litre                             |
| 23.003.0018 | Toplama haznesi, stainless steel, 26 litre<br>komple bağlantı flanşı ve tekerlekli taşıyıcı ile |
| 05.045.0528 | Collecting receptacle for cyclone set 22.935.0039                                               |
| 23.003.0026 | Sürekli kullanım için çıkışlı toplama hunisi, elektrostatik toz boyalı                          |
| 23.785.0017 | Matkap göbekleri için hazne                                                                     |
| 23.003.0019 | Besleme hunisi, stainless steel, 10 litre<br>dahil. bağlantı çubuğu ve manuel itici             |
| 02.785.0271 | Infeed hopper for batch loading                                                                 |
| 03.025.0137 | Elektrikli süpürge için adaptör                                                                 |
| 99.200.0044 | IQ/OQ Documentation for BB 250                                                                  |