

# Klaassen

Machines en machinetoebehoren



# Deburring

The Deburring series machines offer complex services related to material deburring and smoothing.

We have tried to create models corresponding to given working areas and meeting all requirements on variability, safety, and performance, for a wide field of use.

Thus there are several versions of machines available, from table disc grinders to pillar and high-performance units.

Strong emphasis is also laid on the machine operation in terms of safety and simplicity. Replacement of individual parts and grinding belts is also very fast.

# Basic 200

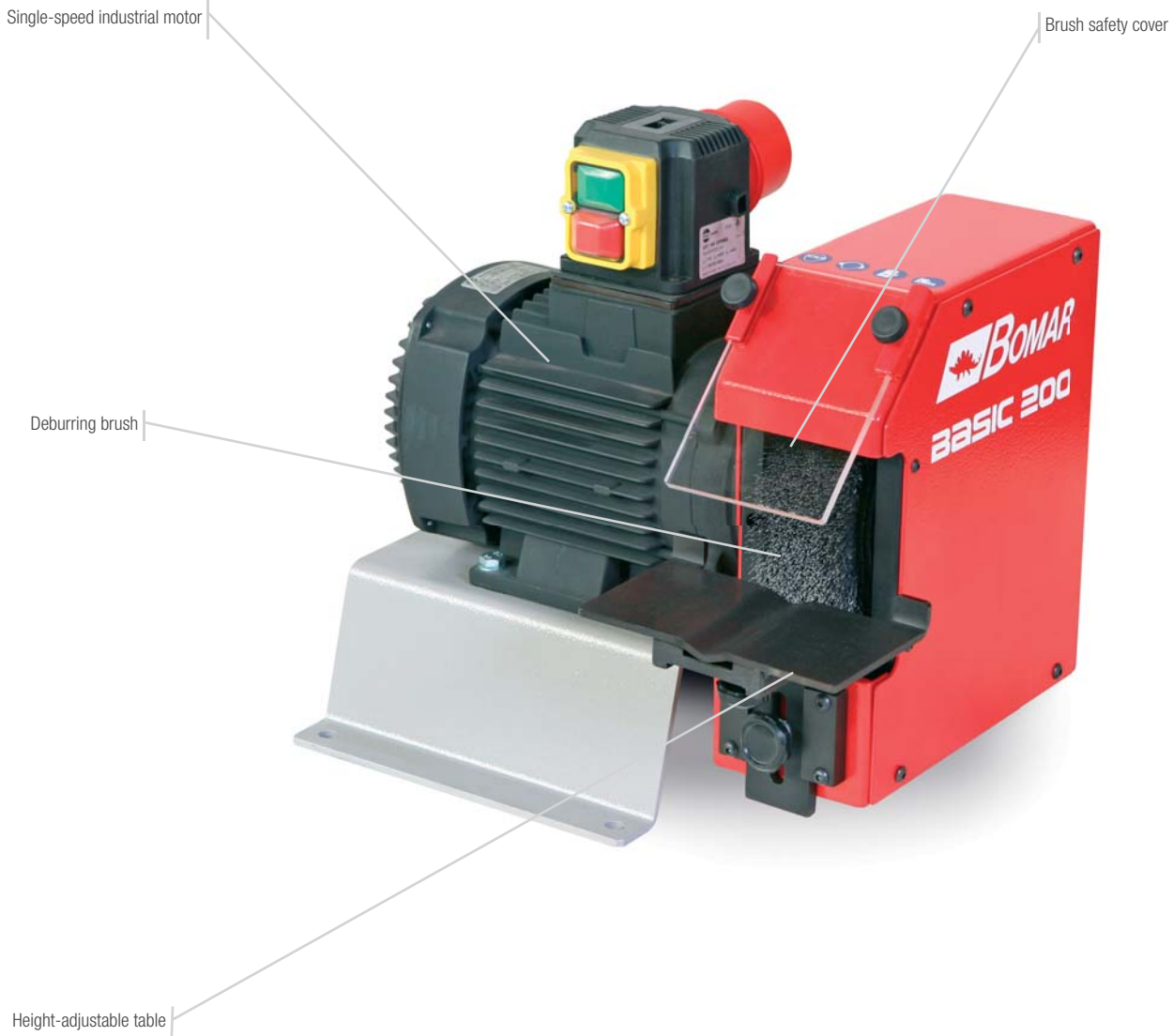
The Basic 200 deburring machine is designed for removing burrs after cutting. It is used primarily in locksmith's workshops, offering fast and simple deburring of profiles as well as full materials.

After the material is deburred, it is treated with a special brush mounted on a drive shaft inside an enclosed space.

The material is fed manually to the brush through the front opening across a height-adjustable table.

By turning the processed material continuously burrs are evenly removed.

The machine is manufactured in a table version and equipped with a single-speed industrial motor.



## Basic 200

It is ideal especially for locksmith's workshops. The machine is manufactured in a table version and equipped with a single-speed industrial motor.

### Price list

### Technical data

### Machine dimensions

Maximal  $\varnothing$  of material .....90x90 mm  
Brush size .....200x40 mm  
Drive. 3-phases ..... 1,5 kW, 3x400 V/50 Hz  
Drive. 1-phase ..... 1,5 kW, 1x230 V/50 Hz  
Rated speed .....2 840 min

Length..... 320 mm  
Width ..... 340 mm  
Height ..... 365 mm  
Weight..... 25 kg

The Single 250 deburring machine is designed for removing burrs after cutting. It is used primarily in locksmith's workshops and production plants, offering fast and simple deburring of profiles as well as full materials.

The material is deburred with a special brush mounted on a drive shaft inside an enclosed space. The material is fed manually to the brush through the front opening across a height-ad-

justable table. By continuous turning of the processed material burrs are evenly removed.

Single 250 is manufactured in a pillar version and equipped with a single-speed industrial motor.

The Single 250 S deburring machine is equipped with a frequency converter that allows the brush revolutions to be continuously regulated in order to achieve optimal deburring results

depending on the material and brush type. Dust formed by deburring falls to a drawer in the middle section of the base.



Steel brush - 250/60/0.35 steel



Nylon brush - 250/60/16 nylon

### Quality as the basis

Apart from the typical, stainless-steel disc, a disc made of nylon is available for softer materials.

...for more information see page 110

The machine is suitable for deburring round pipes, profiles, and full material. By being turned slowly the workpiece is deburred evenly from all sides along inner as well as outer edges.

## Single 250

### Price list

Length.....	510 mm	Maximal Ø of material .....	90x90 mm
Width .....	480 mm	Brush size .....	250x55 mm
Height .....	1 230 mm	Drive .....	2,2 kW, 3x400 V/50 Hz
Weight .....	85 kg	Rated speed .....	2 840/1 380 min

\* all the prices are excluding VAT  
\* deburring brushes are not included in the delivery

# Dual 250

The Dual 250 deburring machine is designed for removing burrs after cutting. It is used primarily in locksmith's workshops and production plants. It offers fast and simple deburring of profiles as well as full materials up to 95 mm in diameter. The material is deburred with special brushes located inside an enclosed space in the upper part of the machine. The material is fed manually to the brush through the front

opening across a height-adjustable table. The Dual 250 S deburring machine is equipped with a frequency convertor that allows the brush revolutions to be continuously regulated in order to achieve optimal deburring results depending on the material and brush type. Dust formed by deburring falls to a drawer located below the brush. Stable structure of the machine dampens vibrations formed in the operation.



Adjustable cover of the deburring part entrance, providing maximum working variability

Height-adjustable table

Adjustable feet

Covered steel brush



# Dual 250

The machine is suitable for deburring round pipes, profiles, and full material. By being turned slowly the workpiece is deburred evenly from all sides along inner as well as outer edges.

## Price list

## Cutting parameters

Maximal $\varnothing$ of material .....	95x95 mm	Length.....	520 mm
Brush size .....	250x55 mm	Width .....	565 mm
Drive .....	2,2 kW, 3x400 V/50 Hz	Height .....	1 170 mm
Rated speed .....	2 840/1 380 min	Weight .....	160 kg

With a wide range of accessories the Dual 250 deburring machine may be easily adjusted to individual requirements. The accessories include e.g. a high-performance extraction unit for immediate removal of chips and dust from the area surrounding the machine.



Steel brush - 250/60/0.35 steel



Nylon brush - 250/60/16 nylon

Sample assembly

Ord.Num.	Description	EUR/Pcs
105.024.B1	Dual 250	
49.250.020	Deburring brush 250/60/0,35	
232.026	Extraction device	

Quality as the basis

Apart from the typical, stainless-steel disc, a disc made of nylon is available for softer materials.

Innovative accessories

The Dual 250 deburring unit is supplied with unrivalled equipment. With intelligent optional equipment and accessories, the machine may be adapted precisely to individual requirements.

...for more information see page 110



Extraction device

Mobile, flexible extraction system with filter cylinders and a section for waste material collection



Deburring brushes

According to the type of the deburred material, a corresponding steel or nylon disc may be selected.

For further information on the machine and its possible extension, please contact our sales department

# Orbital 250

Professional deburring machine for professional deburring after cutting. Thanks to its output it is used primarily in factories. Orbital 250 provides fast and simple deburring of profiles as well as full materials up to 120 mm in diameter. When deburring, wire brushes perform double rotating movement and remove burrs from both inner and outer edges of the material processed. The feeding opening is located on the front board of the ma-

chine and the material is supported by the bottom prism. The material is fed to the brushes manually. The device is equipped with a double-speed industrial motor. The Orbital 250 NS deburring machine is equipped with a frequency converter that allows the brush revolutions to be continuously regulated. The machine is fitted with three brushes which may be flexibly drawn to/from the inlet opening.

Dust formed by deburring falls to a drawer located in the middle section of the base.

Completely covered machine

Adjustable edges of the inlet opening may be simply adjusted to the size of the material



Service access to the disc brush



Three-row disc brush



Simple anchoring of the machine

## Orbital 250

When deburring, the wire disc performs double rotating movement and removes burrs from both inner and outer edges of the material processed. The feeding opening is located on the front board and the material is supported by the bottom prism. Dust formed by deburring falls to a drawer located in the bottom section of the base.

### Price list

### Cutting parameters

Maximal Ø of material .....	120x120 mm	Length.....	1 100 mm
Brush size .....	250x180 mm	Width .....	670 mm
Drive .....	2,2 kW, 3x400 V/50 Hz	Height .....	1 440 mm
Rated speed .....	2 840/1 380 min	Weight .....	410 kg

With a wide range of accessories the Orbital 250 deburring machine may be easily adjusted to individual requirements. The accessories include e.g. a high-performance extraction unit for immediate removal of chips and dust from the area surrounding the machine.



### Sample assembly

Ord.Num.	Description	Marking	EUR/Pcs
105.023.B1	Orbital 250		
49.250.022	Deburring brush 250/60/0,5		
232.026	Extraction device		

### Quality as the basis

Apart from the typical, stainless-steel disc, a disc made of nylon is available for softer materials.

### Innovative accessories

The Orbital 250 deburring unit is supplied with unrivalled equipment. With intelligent optional equipment and accessories, the machine may be adapted precisely to individual requirements.

...for more information see page 110



#### Extraction device

Mobile, flexible extraction system with filter cylinders and a section for waste material collection



#### Deburring brushes

According to the type of the deburred material, a corresponding steel or nylon disc may be selected

For further information on the machine and its possible extension, please contact our sales department