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**BELT GRINDER**  
**QGRIND 100**

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The Qgrind 100 is a stable wet double-belt grinder for deburring and pre-grinding of samples or other materials.

**EASY BELT EXCHANGE**

Both shroud covers are made of stainless steel and are simply opened backwards. This allows free access to the individual belts. Rotate the front tension wheel to loosen the belt which can then be removed from the side. Similarly, by rotating the adjustment wheel, the new belt can be centred onto the middle of the working surface.



It is possible to use belts with 2 different grain sizes simultaneously.

**DRIVE**

A powerful motor drives both belts at the same time. The rubber coated drive wheels, which are fitted with a special tread, prevent the belt from slipping.

**WATER-COOLING**

A water film is created over the whole width of the front end of the belt. Waste material generated is carried to the back with the water and both are drained-off into the machine. Drain-offs are separated, one to the left, one to the right.



## BASIC MODULE

### Qgrind 100

- | two grinding belts
- | water cooling
- | manual belt centering
- | water regulating valve left/right
- | aluminium design, powder coated
- | stainless steel cover

Order No.: M6000010

## EQUIPMENT

### POWER SUPPLY

#### Equipment 1

400 V/50 Hz (3Ph/N/PE)

Order No.: A6000001

#### Equipment 2

480 V/60 Hz (3Ph/PE)

Order No.: A6000002

#### Equipment 3

220 V/60 Hz (3Ph/PE)

Order No.: A6000003

## ACCESSORIES

### SETTLING TANK



- | 2-chamber-compartment, 45 ltr.
- | for System lab cabinet (insertion mechanism)

referring height of System cabinet H 800 mm

Order No.: A5810261

referring height of System cabinet H 900 mm

Order No.: A5810237



- | inlet sieve and filter bag
- | mobile

Order No.: A5800496

### CONNECTION SET QGRIND 100

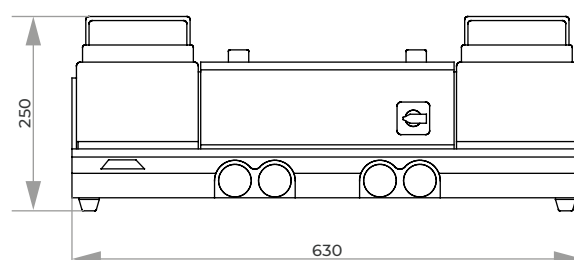
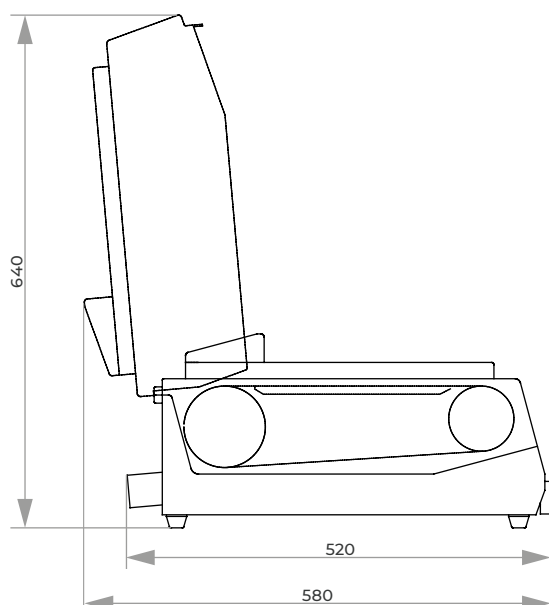
1 drain tube Ø 40 mm; 1.5 m

1 pressure tube R ½"; 2 m

Order No.: Z5600008

### SPECIFICATIONS

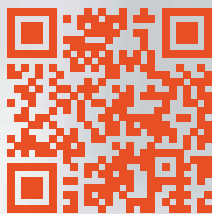
Connected load	1.4 kVA
Belt speed	7 m/sec.
Grinding belts	100 x 920 mm 100 x 915 mm
Water connection	drain 1 x R½" valve right and left, each Ø 40mm
WxHxD	~ 630 x 250 x 520 mm
Weight	55 kg



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