

**BRUNNER  
ANLIKER**

swiss  made

# Operating instructions

## Coffee and Spices Grinder

### M8



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**Disclaimer**

We have reviewed the contents of this publication to ensure consistency with the described Coffee and Spices Grinder. Since variance cannot be entirely precluded, we cannot guarantee full consistency. The information in this publication is checked regularly and any necessary corrections are then made in the next release issued.

We would appreciate any recommendations for improvement.

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## Congratulations

Congratulations to the buying of the Brunner Grinding Machine M8. This robust and high-performance machine will achieve good service in various applications. The design in total stainless steel makes it especially durable and easy for cleaning.

## Safety

Already with construction of the M8 a lot of working safety has been integrated. Please read the following precautions attentively.



- During set-up and attaching:  
The machine should be placed on even and stable platform/ground. The machine should be installed preferably near to a power socket. **DO NOT LAY THE ELECTRIC CABLE OVER A PASSAGEWAY.**
- Befor switching on always check for correct direction of rotation. The red arrow on the machine housing indicates the correct direction of rotation. The M8 is supplied in 3 phase with neutral and earth (PPPNG). All 5 wires must be connected. **ONLY AUTHORISED ELECTRICIANS ARE ALLOWED TO CONNECT THE MACHINE AND/OR CHANGE THE DIRECTION OF ROTATION.**
- During production:  
If any problem appears, or if smoke is coming out of the machine, or if loud noise appears always first switch off the machine and unplug.
- During cleaning:  
Always first switch off the machine and unplug.

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## Construction, Accessories and Spare Parts

The M8 is equipped with long life grinding discs made of hardcast steel. They can be resharpened several times (if undamaged).

The stainless steel hopper is removable. The filling volume is 50 litres.



The manual control valve controls the amount of product flowing into the grinding discs. Integrated magnets will retain metal pieces.



The integrated thermometer will constantly show the temperature of the grinded product.

The stand of the M8 has holes on each foot to anchor the machine into the ground.

## Using the M8



Choose the degree of grinding by turning the grinding-selection-bottom. Close the manual valve. Fill product into the hopper. Switch on the machine. Open the grinding valve and fix it on desired position. You can now continuously feed the M8 until end of production.

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## Cleaning

FIRST ALWAYS SWITCH OFF THE MACHINE AND UNPLUG! REMOVE THE HOPPER!

Cleaning after every production:

Clean hopper, cleaning valve and shute. Cleaning valve and shute can best be cleaned with a paint brush.

Cleaning before change of product:

Remove the grinding-selection-bottom (helical screw on the side of the bottom).  
Unscrew the 3 screws at the front plate. Remove the massive disc block. Now you have free access to the grinding discs, the feeding worm and the housing. All parts can now be cleaned.

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## Changing of grinding discs

This work is necessary if the grinding discs will be replaced or if the degree of grinding has to be adjusted coarser than the available scala (1-9) allows.

1. Put the degree of grinding adjustment on Position 1.
2. Release the screw which is placed at the side of the adjustment knob.
3. Take off the adjustment knob.
4. Release the screws of the front plate and take them off.
5. Now the block may carefully be pulled out. On the block there is the non turning grinding disc. It now has to be removed.
6. The screw on the inside of the housing which is placed in front of the feed screw has to be released and removed.
7. Now release the feed screw together with the grinding disc. Afterwards the grinding disc may also be taken off.



### IMPORTANT:

Before mounting of the new or resharpened grinding discs you have to check that the surface on which the grinding discs will be placed are clean and free of any pollution.

8. Mounting of grinding discs and reassembling of the machine in reverse sequence. With the putting on of the adjustment knob has to be waited.
9. 9. Turn the wave on which the degree of grinding has to be adjusted with a big screwdriver. For the exact adjustment of the grinding discs the screwdriver has to be turned clockwise. Now the grinding discs move against each other. It is important that this will be done slowly. After a few turnings it is audible that the grinding discs slightly start to stripe (whistle). Now turn back a quarter turn in the opposite direction (counterclockwise).
10. 10. The grinding discs are now adjusted. Adjustment knob has to be mounted in a way that in the adjusted position the setting position is "0"

### TIP:

In case that the required grinding result has to be much coarser than provided, the wave has to be turned counterclockwise until the required distance of the grinding discs is reached. The distance may be checked by looking inside of the outlet of the machine from below (optical checking).

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## Failures and corrective actions

Product does not come out as fine as before: Check grinding discs and send them for resharpening.

Machine stops during production: The motor is thermally protected. In case of overload the motor will stop. Let cool down and restart.

Strange/loud noise: Switch off machine and unplug. Remove massive disc block and check for stones/metal pieces. Check grinding discs for damages.

Smoke coming out of machine: Switch off and unplug. Call authorised electrician.

Whistling noise when grinding-selection-bottom is on position 0: The grinding discs touch. Grinding discs must be adjusted. Please refer to selection adjustment of grinding discs and follow procedures.

## Service and information address:

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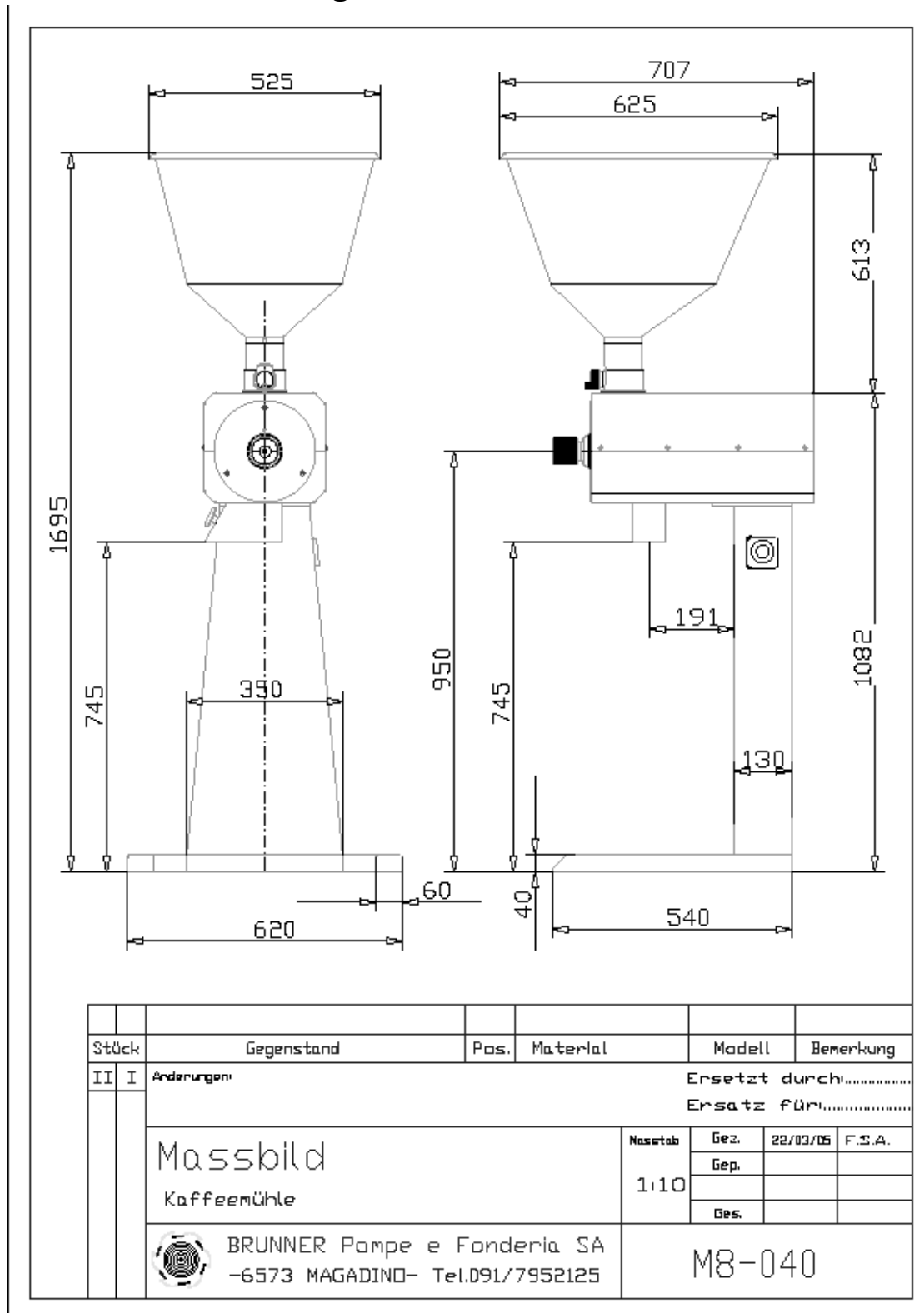
## Technical Data

Drive	Induktionsmotor / Stirnradgetriebe – 1 oder 3 Phasen
Motor performance	3.3 kW
Voltage	400/415 V 3 Phase PPPNG 50 Hz
Protective system	IP 56
Weight	120 kg

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## Dimensional drawing



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## EC Declaration of conformity



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### EG-Konformitätserklärung CE Déclaration de conformité EC Declaration of conformity

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<p><b>Mitteilung über Anerkennung der Qualitätssicherung:</b> Communication sur la reconnaissance de l'assurance de la qualité: Report on the acknowledgment of the quality assurance:</p>			
<p><b>Kloten, 22. Oktober 2015</b></p>		 <p><b>A. Howden</b> <b>Geschäftsführer / Le Président Directeur Général / CEO</b></p>	
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