



# HOLER FLOORPRO 230 JUNIOR



## MACHINE APPLICATIONS

Grinding of horizontal, dry floors such as concrete and steel surfaces with or without a coating and asphalt using Holer grinding tools. The use of the machine outdoors is only possible in dry weather. Operation must be carried out in conjunction with a recommended dust extractor ie. any Holer S-line.

## TECHNICAL DATA

Power	230 V / 50 Hz
Grinding width	230 mm
Rotation	Anti-clock
Dimensions	HxWxL: 51 cm x 30 cm x 60 cm
Weight	24 kg
Grinding head speed	1500 rpm
Hose ø	50 mm
Average value of acceleration ahv *	9.6 m/s <sup>2</sup>
Noise level Lwa *	100 dB(A)
Noise level Leq *	90 dB(A)

## SAFETY

**Attention:** The Holer FloorPRO 230 Junior grinders have been developed according to existing safety rules and regulations.

The technical safety precautions should not be removed or changed under any circumstances. While operating the machines the following points should also be kept in mind:

1. The grinders should always be operated with all safety covers and technical precautions in place.
2. During transport, cleaning, repair or maintenance the grinder must be disconnected from the mains. This also applies when changing tools.
3. The safety ring (Diagram 16) can only be removed while operating the machine directly against the wall. While operating the machine without the safety ring, an increased amount of dust can be generated. In this case the operator must wear a mask. In all other cases the grinder must be operated with the safety ring.
4. The operator should never leave the machine unattended during operation.
5. Before stepping away from the machine all rotary parts should be brought to a standstill. Electric model must be disconnected from the mains. Make sure that the machine cannot roll or move by itself.
6. After any maintenance and adjustment all safety covers must be reattached.
7. Ear protectors must be worn.
9. Safety shoes with steel caps must be worn.
10. In the event of a large amount of dust during operation, connect a dust extractor to the grinder.
11. Depending on the floor (floor coating) grinding can produce gases. It is the operator's responsibility to assess if these generated gases are dangerous and if safety precautions are necessary. Grinding floors containing asbestos is especially dangerous and can cause health problems. Special masks must be worn to protect the operator from harmful dust. A dust collector must be used and should be equipped with filters suitable for asbestos dust.
12. The floor must be swept before grinding to prevent loose material getting into the tools and being flung during operation. Anchor screws and bolts coming out of the floor can also be seen better if the floor is clean. If the grinding head hits an anchor screw or bolt then serious damage can be caused to the machine or grinding head.

## OPERATION

Disconnect the grinder from the power supply!

After mounting the appropriate tools, the operation of the grinder can begin. Adjust the grinder by loosening the screws of the rear wheel swing (see diagram #3) and changing its position in the slots so that the motor axis is 90° level to the floor. Tighten the screws again. Connect the grinder to the mains. Lift the tool from the floor by tilting the machine onto its back wheels. Switch on the motor.

**Attention:** Beware when switching on the motor as machine may jolt.

After the motor has reached full speed, place the grinding head carefully on the floor. If the machine is correctly adjusted (see above) it is easy to move across the floor. If the machine pulls to the left or right, the machine has to be re-adjusted by changing the position of the rear wheel swing (see above).

**Attention:** Never switch on the motor while the grinding head is on the floor.

Dust emission will be prevented by connecting a dust extractor.

Before finishing the grinding process the machine must be switched off and the tools should have stopped rotating before lifting the grinding head off the floor. Disconnect from the power supply.

## CHANGING TOOLS

**Attention:** Before working on the grinder bring the motor to a total stand still and disconnect from the power supply.

**Attention:** Tools can be hot after use.

- Tilt the machine onto the back wheels and rest it on the handlebar.

### Changing of the tools:

- The tools are held in a conical dovetail guide. By softly hammering on the tool in direction of the centre of the disc the tool gets loose and can be removed. To fix new tools slide them from the inside of the disc to the outside into the dovetail guide.

