

Operating Instruction

BAK – ROTON Grooving machine



Please read the operating instructions carefully before use and keep for further reference!

APPLICATION – Cutting welding grooves into floor coverings made from PVC, PE or Linoleum





WARNING



Danger of life by opening the machine, as live components and connections are exposed. Unplug the machine before opening it.



Danger of fire and explosion, in case of incorrect use, especially near explosive gases.



Risk of injury from touching the cutting blade and by ejected particles. Ejector pipe and dust bag must be fitted.



CAUTION



The voltage rating stated on the machine must correspond to the mains voltage.



For personal protection, we strongly recommend to connect the tool to a **RCCB (Residual Current Circuit Breaker)** before using it on construction sites.



The tool must be operated under supervision.



Protect the tool from **damp and wet.**

General safety rules

- **Use safety equipment. Always wear eye protection. Safety equipments such as dust mask, safety shoes, hard hat, etc. will reduce personal injuries.**
- **Before you plug in the tool make sure that the main switch is in OFF position.**
- **Do not overreach. Keep proper footing and balance at all times. This enables better control of the tool in unexpected situations.**
- **Disconnect the plug from the power source before making any adjustments or changing accessories.**

TECHNICAL DATA

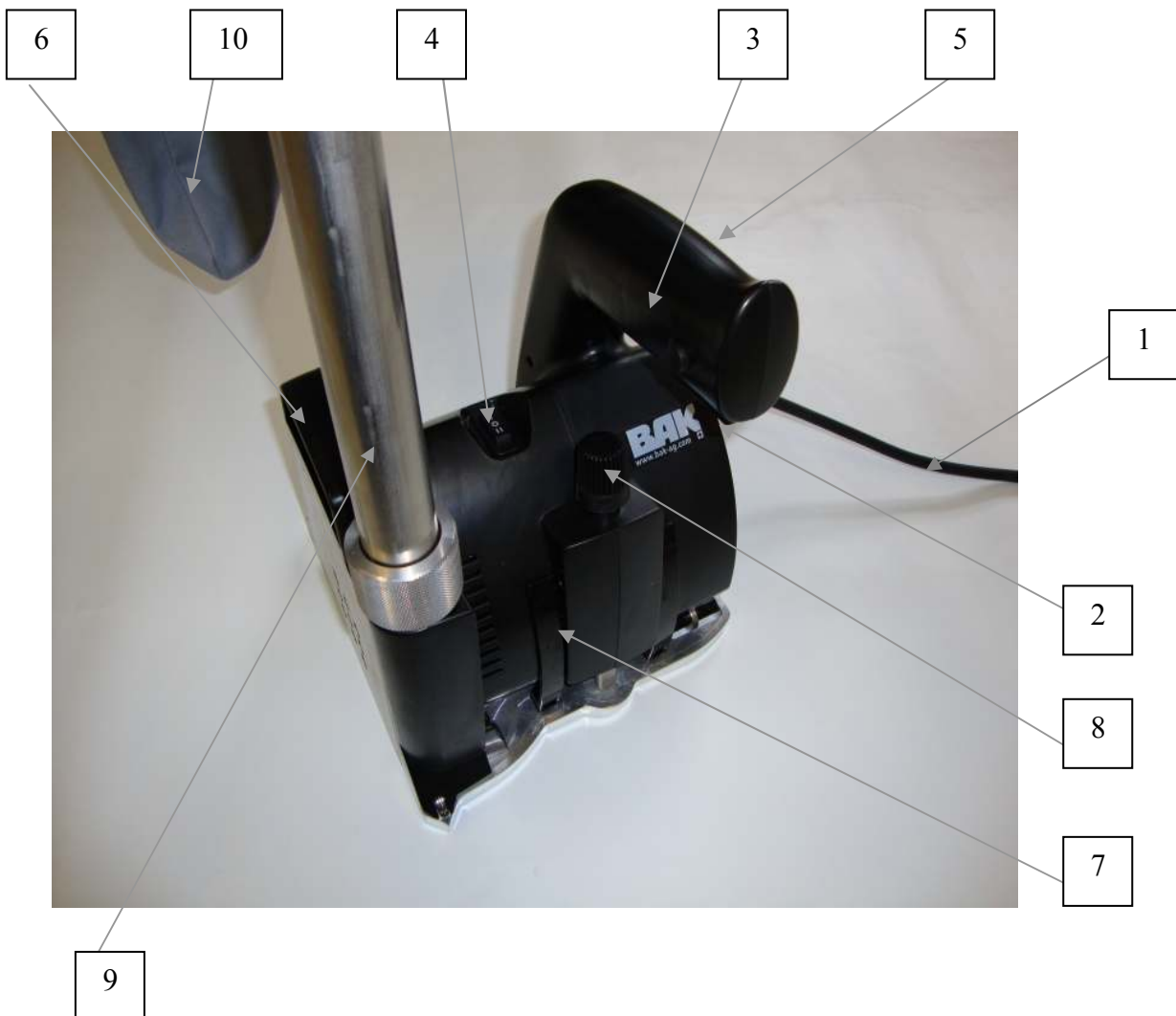
CE

Electrical safety: double insulated



Voltage	V~	230 / 120
Power consumption	W	Step 1: 350W Step 2: 700W
Frequency	Hz	50/60
Cutting speed	rpm	Step 1: 14800 Step 2: 18500
Noise emission level	dB	78
Groove depth adjustment	mm	0-4mm, step less
Weight	kg	5.4 with 3 m cord
Size	mm	210x210x262

Description of tool



- | | |
|-------------------|-------------------------------|
| 1. Power cord | 6. Hand rest |
| 2. Main switch | 7. Scale for depth adjustment |
| 3. Locking button | 8. Knob for depth adjustment |
| 4. Speed switch | 9. Ejector pipe |

5. Handle

10. Dust bag

Operating condition

- Fit the ejector pipe (9) and dust bag (10).
- When using nap-rolls, adjust the tracking wheel with spacers.
- Adjust the groove depth.
- Align the tool with the grooving line. The guide roller should run inside the grooving line and the rear roller in the groove.

Operation

- Connect the tool to the power supply.
- Adjust the speed switch to the position of speed that you like.
- Hold the grooving machine by the handle (5) and by the hand rest (6).
- **Align the tool with the grooving line.**
- **Press the locking button (3) and switch ON the machine with the main switch (2).**
- Press the handle down to the grooving position.
- Push the machine forward, straight and along the grooving line.
- At the end of the groove, switch off the main switch and release the handle.
Caution: the cutting blade runs out!

Changing the cutting blade

- Unplug the tool!
- Remove the cutting blade cover
- Remove the blade with box spanner
- Insert and fit the new cutting blade. Make sure that the blade revolves freely.
- Refit the cutting blade cover.

Accessories

- Only BAK-accessories should be used.

Caution

- Clean the tool before use

Service and repair

- The grooving machine should be checked by an authorised service centre approx. every 1600 hours of running time.

Inspections and repairs have to be executed exclusively by BAK authorised service centres.

Warranty and liability

For BAK guarantee and liability see the general and sales conditions on the back of the invoice paper.

BAK Thermoplastic Welding Technology rejects any guarantee claims for machines which are not in original condition.

Technical data are subject to change without prior notice.

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