



# ROKAMAT SKATE

Concrete Power Trowel

## TRANSLATION OF THE ORIGINAL INSTRUCTIONS

**WARNING** Read and follow all safety warnings and instructions to prevent operating errors and to reduce the risk of injury. Failure to follow all safety warnings and instructions may result in electric shock, fire and/or serious injury.

Keep all safety instructions and information for future reference.

Pass on your power tool only together with these documents.

ROKAMAT SKATE Concrete Power Trowel is state of the art and has been constructed in accordance with the acknowledged safety regulations

Technical Data:	
Tool speed $n_0$ :	100 - 340 $\text{min}^{-1}$
Motor:	230 V ~ 1000 W
Tool weight:	3,4 kg
Disc $\varnothing$ :	350 mm
Safety class II	
Reference-No: <b>93000</b>	
Valid from serial- No. <b>16BG0028</b>	

### Angle Adjusting

Pull the lever for adjusting the required grinding angle of the sanding head to get the optimal posture towards the respective working face. Take care that both index bolts get engaged when released to fix the grinding angle.



Keep the machine parallel to the work surface, adjust the fork straight to the machine head.

Do not adjust the fork angled to the machine head. **The flexible drive shaft must not get bent.**



Keep the machine inclined to the work surface, adjust the fork angled to the machine head.

Do not adjust the fork straight to the machine head. **The flexible drive shaft must not get compressed.**

### Specified Use

ROKAMAT SKATE is a hand-guided formwork cleaner with angle adjustable, highly adaptable cleaning head. It is designed for removing concrete residues of formwork elements and for many different cleaning operations (like cleaning façades from moss and algae, cleaning surface before recoating and more) allowing to work in an upright posture and at hard-to-reach areas.

Use only genuine ROKAMAT cleaning discs.

The user bears sole responsibility for any damage caused by inappropriate use. Generally accepted accident prevention regulations and the enclosed safety information must be observed.

### Commissioning

Unpack machine and accessories and check the delivery for completeness and transport damage.



**CAUTION** Before plugging in the device, check to see that the rated mains voltage and mains frequency, as specified on the rating label, match your power supply.

## Adjusting Handle and Telescopic Tube

For optimum adaption to the application, handle and telescopic tube can be adjusted.

1. Press down the bolt, adjust the handle and release the bolt to engage again
2. Open the quick release, pull out / push in the required length of the extension tube and fix the quick release again.



## Mounting/changing Accessory Discs



**ATTENTION** Before working on the power tool: pull the mains plug from the socket.

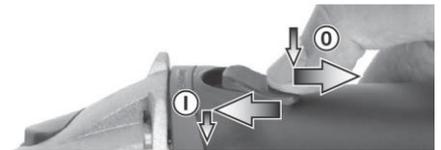
**Use only genuine ROKAMAT working discs and accessories.**

### Rubbing plate on supporting plate:

1. Put the supporting plate onto the driver disc . Both bolts must engage in the holes of the plate.
2. Mount the supporting plate with rubber washer and clamp screw.
3. Attach the Rubbing plate at the supporting plate

## Switching On and Off

- ① Switching on: Push the sliding switch forward.  
For continuous activation, now tilt downwards until it engages.
- ② Switching off: Press the rear end of the slide switch and release it.



## Adjusting the Speed

Set the recommended speed at the thumbwheel.  
(small number = low speed; large number = high speed)



## Working Directions



**WARNING** Wear ear protection at a sound pressure above 85 dB(A). Don't put the running motor on the ground! (Dirt may get sucked in and cause damage)

### Make sure of the appropriate time for trowelling:.

- Concrete still has to be **fresh** (nearly walkable with large undersurface shoes). Make on-site trials in order to find out the right processing time.
- **Pre-Troweling** (leveling unevenness and holes) with perforated trowel disk
- **Trowel finishing** with smooth trowel disk



**CAUTION** Don't bend the protective hose.

## Troubleshooting



The **electronic signal display (LED) lights up and the load speed decreases**. There is too much load on the machine! Run the machine in idling speed (for cooling down) until the electronics signal indicator switches off.



The **electronic signal display (LED) flashes and the machine does not start**. The restart protection is active. If the mains plug is inserted with the machine switched on, or if the power supply is restored following an interruption, the machine does not start up. Switch the machine off and on again.

## Maintenance and Care



**CAUTION** Prior to any work at the power tool: Pull the mains plug from the socket.

During operation particles may deposit inside the motor gradually. This impairs the cooling. Vacuum ventilation ducts and motor regularly, often and thoroughly through all front and rear air slots or blow them out with dry air. Wear protective glasses and dust mask.

### Carbon brushes:

When the carbon brushes are worn out, their cut-out automatic will interrupt the supply of current and the machine will stop. Therefore a constant observance for wear and tear of the carbon brushes is not necessary.

**Only qualified electricians may exchange carbon brushes.** Use only genuine ROKAMAT carbon brushes and spare parts. Exchange carbon brushes always **in pairs**.

After every other exchange of carbon brushes the ROKAMAT motor should be checked and cleaned carefully. Have the work carried out by an appropriately equipped specialist's workshop.

## Repairs



**CAUTION** Repairs at electrical tools may be carried out only by qualified electricians.

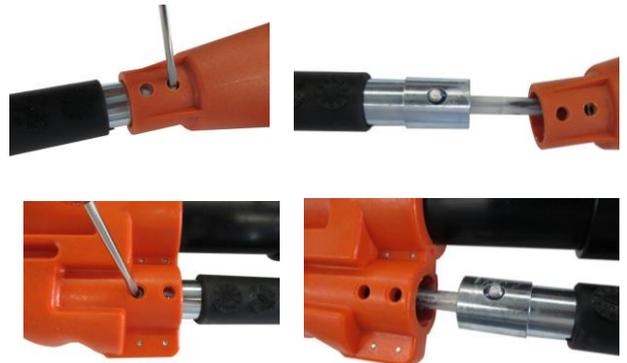
Describe the fault you discovered. **Use only genuine ROKAMAT spare parts**, otherwise warranty will become invalid. Being wearing parts, flexible drive shaft and gear-wheel are not covered by warranty.

### Safety clutch

The gearbox of the ROKAMAT motor is fitted with an automatic safety clutch. This safety clutch protects motor and gears of the ROKAMAT Machine largely against damage by overloading, increases service life of the tool discs and the flexible drive shaft and decreases the risk of accidents at work.

### Exchanging the flexible drive shaft:

1. Twist the drive shaft until the push button appears through the borehole (at both ends)
2. Press down the push button (at the gear cap of the motor and at the machine)
3. Unplug the drive shaft at both sides
4. Insert the new drive shaft again into motor and machine. Take care that the shaft core snaps into the square.



The 2 boreholes for the push button at the drive shaft serve as length adjustment between shaft core and protective hose. **The shaft core should be freely movable in length and must not get compressed.**

## Disposal Informations

Observe national regulations on environmentally compatible disposal and on the recycling of disused machines, packaging and accessories. Render worn out power tools unusable by removing the power cord.



For EU countries: Never dispose of power tools in your household waste! According to the European directive 2002/96/EC for used electric and electronic devices and according to national regulations, used electric tools must be collected separately and treated in an environmentally compatible way for re-use.

## CE-Declaration of Conformity

Manufacturer: Kammerer GmbH An der B10 / Postfach 1103 / D-75196 Remchingen-Wilferdingen

Product: **ROKAMAT SKATE** Concrete Power Trowel (type 1000W – see Technical Data)

The SKATE Concrete Power Trowel is in compliance with the stipulations set forth in the following European directives and corresponding supplementary guidelines: **2004/108/EC, 2006/42/EC, and 2006/95/EC.**

Compliance of the designated product with the rules of the directive is proven by complete adherence to the following standards: **EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, and EN 60745.**

**Noise level:** Lp = 88 dB(A), Lw = 99 dB(A), K = 3 dB(A)

**Vibration level:** 1,6 m/s<sup>2</sup>, K = 1,5 m/s<sup>2</sup>

B. Kammerer  
Remchingen-Wilferdingen, January 1<sup>st</sup> 2015

# General Power Tool Safety Warnings



## **⚠ WARNING**

**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.



### 1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.



### 2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.



### 3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.



### 4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

### 5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.