



ROKAMAT NAUTILO

Plaster Finishing Machine
with water injection

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.

Plaster Finishing Machine ROKAMAT NAUTILO is state of the art and has been constructed in accordance with the acknowledged safety regulations

Technical Data:

Tool speed n_0 :	75 - 340 min ⁻¹
Motor:	230 V ~ 600 W
Tool weight:	2,4 kg
Disc \varnothing :	350 mm
Safety class I	

Reference-No. 70000

Valid from serial No. 16NT0168

Specified Use

Plaster Finishing Machine ROKAMAT NAUTILO is suitable for smoothing and rubbing gypsum plasters, lime and cement renders and filling compounds. The integrated water injection allows to get the optimal plaster slurry also for high water demand.

Use only genuine ROKAMAT working 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.

Special Safety Instructions



WARNING With a sound pressure of over 85 db(A) wear an appropriate ear protection.

CAUTION Do not immerse the machine in water (neither the tool holder). This can result in considerable damage and invalidate the warranty.

- Ensure that you have a firm footing (especially on scaffolding).
- **Never use the power tool without RDC safety switch**
- Liquids must be kept away from all parts of the electric-Motor
- Check water hose for impermeability

Commissioning

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



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

Mounting / Application Tool Discs



CAUTION Prior to any conversion work: Pull the mains plug from the socket. The machine must be switched off and the spindle at a standstill.

Use only genuine ROKAMAT discs and accessories

Tool discs 350mm

Velcro fastening on supporting plate No. 48000:

- rubbing plates,
- sponges, foam rubber discs, felt discs (also available with supporting backing)

1. Put the supporting plate on the driver disc to fit the bolts into both bores.
2. Tighten the plate with rubber washer and screw.
3. Attach the desired disc in centre of the supporting plate.



Suitable tool discs depending on the application:

Sponge disc:	Smoothing gypsum plasters, lime and cement renders and filling compounds
Foam rubber disc:	Generating a fine surface structure
Felt disc:	Felting internal and external lime-cement render surfaces
Cellular rubber disc:	Levelling render surfaces with cellular rubber covering
Rubbing plates:	Smoothing mortar

Switching On and Off

Before starting up the machine carry out each time a functional check of the RCD safety switch..

(Please find the instruction below in paragraph *Residual current protective device RCD*).

1. Make sure that the machine is switched off.
2. Connect the power plug.
3. **Switch on the RCD safety switch** – press green ON button (I) with a bare hand (without gloves): when the red operation lamp glows, the device is ready for operation.
4. Activate the switch at the machine.

Adjusting the Speed

Set the recommended speed at the thumbwheel.

(small number = low speed; large number = high speed)

Working Directions



ATTENTION Guide the machine by applying **light contact pressure** only. Don't put the running motor on the ground! Dirt may get sucked in and cause damage.

- Start working with the lowest speed in order to get a feel for the machine.
- **Always unplug the machine before filling in water**



CAUTION Don't bend the protective hose.

CAUTION Do not immerse the machine in water (neither the tool holder). This can result in considerable damage and invalidate the warranty.

Water injection

- Open the tank cap and pour water in the tank
- The spraying nozzle is located at the front of the tool holder
- Spray water by briefly pressing and releasing the aluminum lever valve at the side of the tool holder

Smoothing: Pay **attention to get the optimum setting time of the render**. The render must not be too soft. Spray some water on the working face.

Rubbing: Machine the **levelled render while it is supple**.

Residual current protective device RCD



CAUTION Never use the power tool without RCD safety switch The power tool switches off automatically each time when unplugged or after power failure.

Functional check:

1. Press green ON button (I): When the red operation lamp glows, the device is ready for operation.
2. Press TEST button (O): Device deactivates.

If the RCD safety switch repeatedly fails have the device checked.

Plug, RCD safety switch or connecting cable may only be exchanged by manufacturer or customer service department.

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 to electrical tools must be carried out by qualified electricians ONLY

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

CAUTION! Don't bend the protective hose.

Safety clutch

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

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 Information

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



For EU countries: Never dispose of power tools in your household waste! In accordance with European Directive 2002/96/EC relating to electrical and electronic waste and implementation of national law, used electrical tools must be collected separately and disposed of in an environmentally friendly manner at recycling centres.

CE - Declaration of Conformity

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

Product: Plaster Finishing Machine **ROKAMAT NAUTILO** (type 600W – see Technical Data)

Plaster Finishing Machine ROKAMAT NAUTILO meets the regulations of the following European Directives as well as any accompanying amendments and supplementary requirement: **2004/108/EC, 2006/42/EC, 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, EN 60745**

Noise level: L_p = 88 dB(A), L_w = 99 dB(A), K = 3 dB(A)

Vibration level: 2,0 m/s², K = 1,5 m/s²

B. Kammerer
Remchingen-Wilferdingen, 1st January 2014

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.