

Rodia®



WGK 125

OPERATING MANUAL

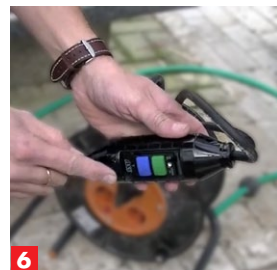
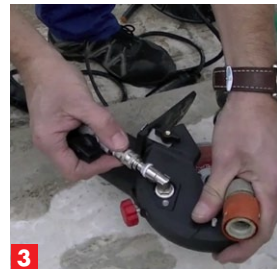
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ATTENTION: As our engineers are constantly conducting research and development on our machinery to develop quality products for the marketplace, our product model(s) can be changed without notice.

Pictures



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.



ATTENTION: 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 and 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.
- g) Make sure you have a proper connection of the tool at a socket outlet.

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 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) Battery tool use and care**
- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

6) 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.

SPECIAL TOOLS SAFETY WARNINGS



Before working on the machine itself, pull the mains plug.



Wear ear protectors and safety glasses..



WARNING: Use of the wet grinding kit WGK 125 on an angle grinder only in combination with a PRCD (GFCI) safety switch.

- **Pay attention to the power supply.**

On construction sites electrical appliances should be connected to specially designed power supplies. Suitable are grounded main power supplies equipped with an earth leak switch of max. 30 mA or separating transformers. Non-grounded common household or similar power outlets are not suited as a power source. For wet grinding or cutting machines stricter safety standards are applicable. For extra safety the machine must be connected by one of the following methods:

- Main power supply equipped with earth leak switch 30 mA; or
- Separating transformer, only one machine may be connected at any given time; or
- With an intermediate cable

equipped with a PRCD (GFCI) safety switch of max. 30mA.

- **Always use coolant water when wet cutting.**

Use an optional water tank or a direct connection to the water supply.

- **Avoid contact with hands and fingers with the rotating blade.**

Doing so could cause serious injury.

- **Do not leave the machine turned "ON" when not in use.**

- Use auxiliary handle(s), if supplied with the tool. Hold the machine with both hands.

FOR YOUR SAFETY



Working safely with this machine is possible only when the operating and safety information are read completely and the instructions contained therein are strictly followed. Before using for the first time, ask for a practical demonstration.

SAFETY GUIDELINES

Warning and Caution symbols in this manual are for a safer use. Read them attentively and understand their meaning.



DANGER: Indicates an potentially hazardous situation which, if not avoided, will result in death or serious injury.



WARNING: Indicates an potentially hazardous situation which, if not avoided, could result in death or serious injury.

US

RODIA® WGK 125



CAUTION: Indicates an potentially hazardous situation which, if not avoided, may result in minor or moderate injury.



ATTENTION: Indicates a practice not related to personal injury which, if not avoided, may result in property damage.

PARTS

- WGK 125 safety cap. Suitable for almost every angular grinder for 4,5" and 5" blades.
- Adapter with water valve
- Water hose coupling
- Intermediate cord with PRCD (GFCI) safety switch

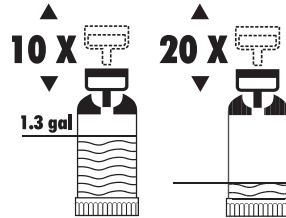
OPERATING INSTRUCTIONS

- Pull the power plug of your angular grinder before mounting the WGK 125 safety cap.
- Mount the WGK 125 safety cap to the safety cap of the machine. **1** (See Pictures.)
- Turn the red knob to secure the cap. **2**

Water Supply

- Mount the adapter with water valve to the WGK 125 safety cap. **3** Close the water valve. **4**
- When using a water hose for water supply: Connect the water hose to the adapter. **5** Check with the water valve if water sprays from the nebulizer.
- When using the water tank: Connect the water tank and the hose to the machine. **5** Fill the water tank to the 1.3 gallon level and pressurize by pumping at least 10 times (**max. 1**

bar). Check with the water valve if water sprays from the nebulizer.



Functional test for the PRCD (GFCI) safety switch

- Connect the machine to the intermediate cord with the PRCD (GFCI) safety switch.
- Plug the cord into the power socket.



WARNING: The ON/OFF switch must be switched off, in order to avoid unintentional starting of the machine when carrying out the functional test of the PRCD (GFCI) safety switch.

Before commencing work, check that the PRCD (GFCI) safety switch is functioning properly: **6**

- Press the "ON" button on the PRCD (GFCI) safety switch. The red control lamp indicates when the safety switch is ready for operation.
- Press the "TEST" button. The control lamp must go off.

Cutting

- You are now ready for cutting.
- Open the water valve a little to determine the amount of water. Start the machine.
- Work with uniform light feed pressure.
- If the blade locks during the cutting process it is recommended to stop cutting immediately so that the machine and the object are not damaged.

MAINTENANCE

- The machine should be kept in a dry place and kept out of the reach of children.
- Never attempt to repair the machine yourself. Contact a local service facility for repair work.



WARNING: For any use of this equipment a PRCD (GFCI) safety switch is required.



ATTENTION: The manufacturer/importer is not liable for any accidents caused by improper use or modifications to the equipment.

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