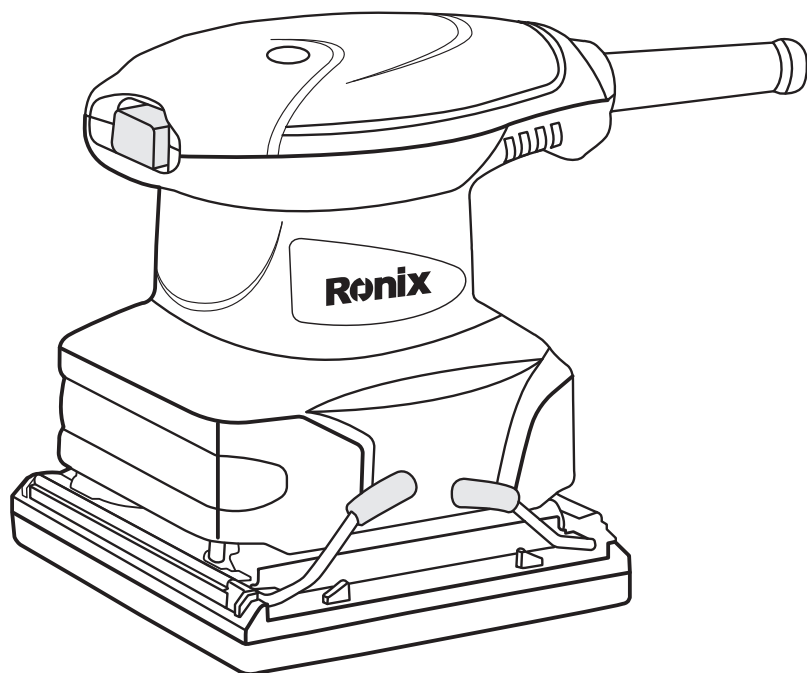


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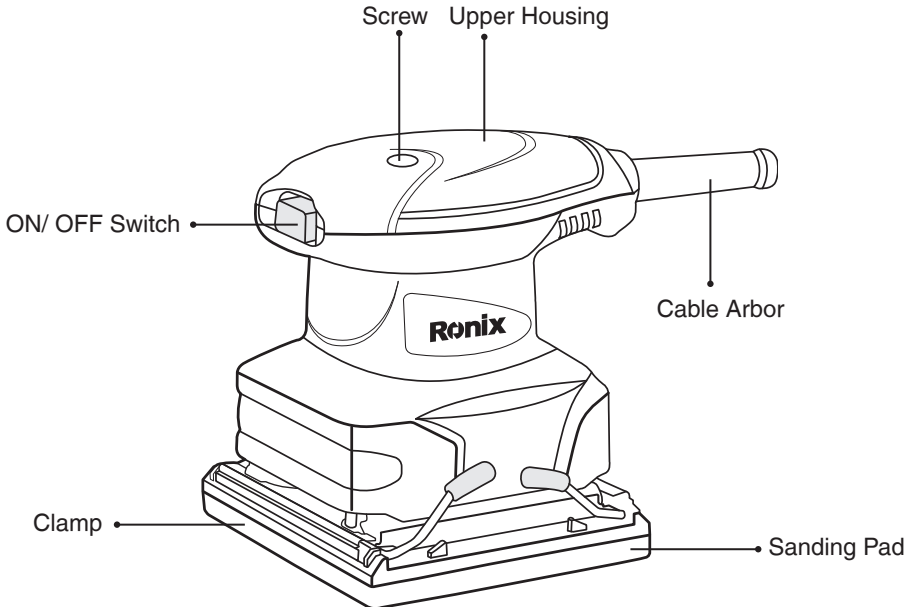
ORBITAL SANDER 6402



SPECIFICATIONS

Model	6402
Power	220W
Voltage	220-240V
No-Load OPM	15000 OPM
Base Plate	100 ×110mm
Weight	1.4Kg
Frequency	50-60Hz
Supplied In	Ronix color box
Includes	Abrasive paper, Sponge Pad,

PARTS LIST



⚠ WARNING!

Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and or serious personal injury.

⚠ NOTE:

SAVE THESE INSTRUCTIONS

GENERAL SAFETY RULES

■ WORK AREA

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

■ ELECTRICAL SAFETY

- 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.
- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.

- If operating a power tools in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

■ PERSONAL SAFETY

- 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.

- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

- 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.

- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

■ POWER TOOL USE AND CARE

- 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.

- 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.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 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.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control;
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

■ **SERVICE**

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.

SPECIFIC SAFETY RULES FOR ELECTRIC SANDERS

- DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to sander safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.

- Always use safety glasses or goggles, protective hat or mask, Ordinary eye or sun glasses are NOT safety glasses.
- Do not leave the tool running. Operate the tool only when hand-held.
- Hold tool by insulated gripping surfaces when performing and operation where the cutting tool may contact hidden wiring or its own cord. Contact with a «live» wire will make exposed metal parts of the tool «live» and shock the operator.
- This tool has not been waterproofed, so do not use water on the workpiece surface.
- Hold the tool firmly.
- Ventilate your work area adequately. when you perform sanding operations.
- Use of this tool to sand some products, paints and wood could expose user to dust containing hazardous substances. Use appropriate respiratory protection.

⚠ WARNING!

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

FUNCTIONAL DESCRIPTION

⚠ CAUTION:

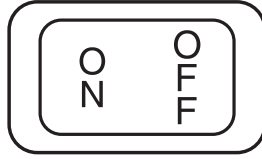
Always be sure that the tool is switched off and unplugged before carrying out some inspection or maintenance.

■ HOW TO USE THE SWITCH:

⚠ CAUTION:

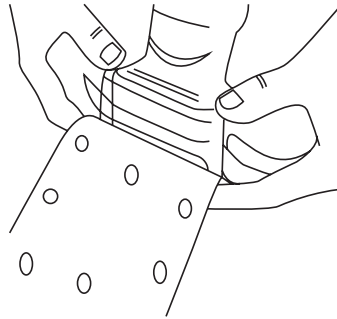
before put the plug into power interface, make sure the switch can work flexibly and the switch is put towards «OFF».

Push the switch to «ON» to start the machine and push it to «OFF» to stop work.



■ INSTALLING OR REMOVING THE ABRASIVE PAPER

To install the abrasive paper, operate the clamp lever to open the paper clamp. Insert the paper end into the clamp. Center the paper and align the edges parallel to the pad, then lower the clamp lever to secure the paper. (Pre-bending paper makes attachment easier)



Repeat the same process for the other end of the base, maintaining the proper paper tension.

▲ ATTENTION:

After inserting the paper, make sure the abrasive paper put in the floor plate tighten. Otherwise the paper will be loose and subject to slippage, resulting in uneven sanding operation.

■ EFFECTIVE AND SAFE SANDING

▲ CAUTION:

Never run the tool without the abrasive paper. You may seriously damage the pad.

⚠ CAUTION:

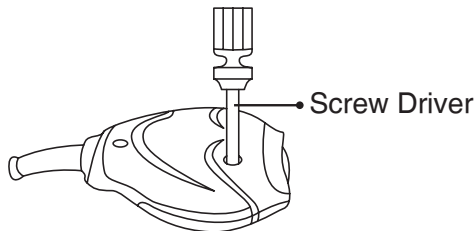
Never force the tool. Excessive pressure may decrease the sanding efficiency, damage the abrasive paper or shorten tool life.

- 1) Hold the tool firmly. Turn the tool on and wait until it attains full speed. Then gently place the tool on the workpiece surface. Keep the pad flush with the workpiece and apply slight pressure on the tool.
- 2) Should remember to choose different material abrasive for sanding different material workpiece.
- 3) User can make a general choice to sanding different material, for rough sanding the roughness abrasive paper should be chosen, in reverse you can get good surface.

■ REPLACING CARBON BRUSHES**⚠ NOTE:**

Do not attempt to manipulate at any time during the warranty period and, in the event of any inconvenience, ask for help from authorized RONIX AFTER SALES SERVICE representatives.

- 1) Remove and check the carbon brushes regularly. Replace when the tool occurs obvious sparks or wear down to the limit mark. Open the housing and carbon brush holder with screw driver.



Take away the old brush, put on the new carbon brush and brush holder, fix on the carbon brush line and the stator line together.

- 2) Both carbon brushes should be replaced at the same time. Use only standard brushes provided by RONIX SERVICE.



CAUTION:

Be sure to re-install the knob after inserting new carbon brush. After replacing brushes, plug in the tool and break in brushes by running tool with no load for about 10 minutes. Then check the tool while running, when pushing the switch button.



NOTE:

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by RONIX SERVICE Authorized centers, always using RONIX replacement parts.

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