TOTAL

One-Stop Tools Station

# ROTO ORBITAL SANDER

TF2041506


450W

# Security instructions

## Caution

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

*Note: Save all warnings and instructions for future reference. Due to the continuous R+D+I development of the brand, this manual and the technical specifications may undergo changes without prior notice.*

1) **Work area safety**
    a. Keep the work area clean and well lit to prevent accidents.
    b. Do not use power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust that can cause fires.
    c. Keep children and other unauthorized persons away while using a power tool. Distractions can cause you to lose control of the tool.

2) **Electrical safety**
    a. Power tool plugs must match the outlet. Never modify the plug in any way. Using a suitable plug reduces the risk of electric shock.
    b. Avoid bodily contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
    c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electrical shock.
    d. Never use the cord to carry, pull or unplug the power tool. Keep the cable away from heat or oil.
    e. When using a power tool outdoors, use an extension cord suitable for outdoor use.
    f. If using the tool in a damp location is unavoidable, use a Residual Current Device (RCD) protected supply to reduce the risk of electric shock.
    g. Make sure the mains voltage is the same as the voltage on the tool's nameplate. Remove plug from outlet before making any adjustments or servicing.

3) **Personal security**
    a. Always stay alert, watch what you are doing and use common sense when using the tool.
    b. Do not use a power tool if you are tired or under the influence of medication or other substances.
    c. Wear personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-slip safety shoes, hard hat, or hearing protection used in the proper conditions will reduce personal injury. Also don't wear loose clothing or jewelry.
    d. Prevent the tool from turning on unintentionally. Make sure the switch is in the off position before connecting to power source and moving.
    e. Remove any adjusting wrenches or wrenches before turning on the power tool. An adjustable wrench or wrench placed in a rotating part of the power tool can cause serious injury.

f. If devices are used for dust extraction and collection, make sure they are properly connected. Properly use these devices and you will reduce dust-related hazards. Contact or inhalation of these dusts can endanger the health of the operator and bystanders.

**4) Use and care of power tools**

a. Do not force the tool. Use the correct power tool for each use.
b. Do not use the power tool if its power switch does not work. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
c. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool to avoid accidental starting of the tool.
d. Use the power tool, accessories and bits etc. in accordance with these instructions, taking into account the working conditions and the work to be carried out. Using the power tool for operations other than those intended could result in a hazardous situation.
e. Store power tools out of the reach of children and do not allow people unfamiliar with the tool to use it.
f. Keep power tools in good condition. Check for misalignment or binding of moving parts, breakage of parts, and any other conditions that may affect the operation of power tools. If it is damaged, have the power tool repaired before using it. Many accidents are caused by poorly maintained power tools.
g. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

**5) Service**

a. Have your power tool serviced by a qualified person and use replacement parts recommended by the manufacturer. This will ensure that the safety of the power tool is maintained.

# Safety rules for correct use

| | |
|---|---|
|  | Double insulation for additional protection |
|  | Please read the instruction manual before use. |
|  | CE conformity. |
|  | Wear safety glasses, hearing protection and a dust mask. |
|  | Waste electrical products must not be disposed of with household waste. Please recycle at the appropriate facilities. Check with your local authority or retailer for recycling advice. |
|  | Security alert. Use only accessories supported by the manufacturer. |

# Additional security warnings

- Use the machine for dry sanding only. Never use this sander for wet sanding or liquid polishing. Failure to follow this rule may result in risk of electric shock.
- The penetration of water into the machine increases the risk of electric shock.
- Apply the machine to the workpiece only when it is turned on and turn the machine off only after it has been lifted from the workpiece. The power tool can move suddenly.
- Never touch sandpaper during operation, risk of injury.
- Make sure the work piece is firmly supported to prevent it from moving.
- Never stop the sander by applying force to the base plate.
- Use only sandpaper in good condition. Do not use torn or worn sandpaper.
- Never use the machine with a damaged cable or touch the damaged cable.
- Do not sand materials that may cause health problems or fire or other hazards (such as magnesium, asbestos, lead-based paint, etc.).
- Keep your attention on the work and the tool at all times.
- Do not allow people to enter the work area without wearing adequate PPE.
- Whenever possible, seal off the work area to contain dust for later disposal.
- Make sure that the supply is the same as the voltage indicated on the nameplate.
- Remove plug from outlet before making any adjustments or servicing.
- Always inspect and remove all nails, screws, etc. of the wood before sanding.
- Avoid overheating the object being sanded as well as the sander.
- Always empty the dust collector before taking breaks.

- Under unfavorable conditions such as when sparks are emitted when sanding metals, sanding debris in the dust bag, microfilter or paper bag can self-ignite. Particularly when mixed with remains of varnish, polyurethane or other chemical materials and when sanding residues are hot after long periods of work.
- Hold the power tool by the insulated gripping surface.

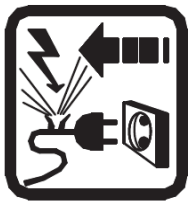
# Other risks

Even when the power tool is used as prescribed, it is not possible to eliminate all residual risk factors:

a. Health defects resulting from vibration emission if the power tool is used for a longer period of time or if it is not managed and maintained properly.
b. Injuries and property damage due to broken fixtures breaking suddenly.

### Caution

This power tool produces an electromagnetic field during operation. This field can, in some circumstances, interfere with active or passive medical implants.



To reduce the risk of serious injury, we recommend that persons with medical implants consult their physician before using this power tool.

If the cable is damaged or cut during work, do not touch the cable, immediately unplug the tool. Never use the machine with a damaged cable.

The machine must not be damp and must not be used in a humid environment.

### Attention

Safe operation of this machine is only possible when the operating or safety information is fully read and the instructions contained therein are strictly followed.

# Technical data

| Data sheet | |
|---|---|
| **Power** | 450W |
| **Voltage** | 220-240V~50/60Hz |
| **no load speed** | 4000-13000/min |
| **Sanding pad diameter** | 150mm |
| **Weight** | 2.55kg |
| **sound pressure level** | Lpa=89dB(A) |
| **sound power level** | Lwa=100dB(A) |
| **Vibration level** | Aw=3.5m/s² |

# Product description


1. On/off switch
2. Variable speed thumbwheel
3. switch lock button
4. Auxiliary handle lock button
5. auxiliary handle
6. sanding base
7. dust collector

Accessories:
1 pad of 150 mm fixed to the machine
1 sandpaper 150mm
1 box of powder

The machine is designed for dry sanding of wood, plastic, metal, putty and coated surfaces. Machines with electronic speed control are also suitable for finer sanding.

*Note: Not all accessories illustrated or described need to be included in the standard delivery.*

*Note 2: Double insulation: The tool is double insulated. This means that all external metal parts are electrically isolated from the mains. This is done by placing isolation barriers between electrical and mechanical components, making it unnecessary to ground the tool.*

# Set up

## Placing the sandpaper

- Lay the sandpaper on the base.
- Make sure the sandpaper is level with the edges.
- The dust collection holes in the base and the sandpaper must be aligned and the sandpaper must be taut on the base.

## Dust collector

Your sander is equipped with a dust box. To place it:

- Insert the dust collection bag on the back of the sander in the correct position as the picture.


## ON/OFF switch operation

Press the ON/OFF switch to start the sander. Release the switch to stop it.

If you want to use the sander continuously, you can press the switch lock button after pressing the on/off switch.

To release the lock button, simply press the on/off switch fully and the button will automatically release.


## Variable speed control dial

The maximum speed can be changed by turning the speed selector wheel.

- Turn clockwise to increase and counterclockwise to decrease speed.
- The speed of the tool varies with the amount of pressure applied to the on/off switch (trigger), ie more pressure for more speed.


## Auxiliary Handle Adjustment

The auxiliary handle has several positions of use. You can loosen or tighten the lock knob to find the best position.

## Using the sander

The workpiece to be sanded must be secured. If it is small or can move during sanding, it should be clamped in a vise or properly supported.

Be sure to hold the sander firmly while it is on and apply it gently to the work, as it can "bump" on first contact. Hold the sander so it is flat on the work and move it slowly, preferably in a smooth, circular motion. Regularly check the condition of the sandpaper and replace it when worn for best results.


### Work tips

1. Your sander is useful for working on wood, metal, and painted surfaces. Will smooth surfaces before painting, even when fillers have been used and allowed to bleed.
2. Your sander is best suited for large, flat areas such as doors, but can also be used on baseboards, windows, etc., as long as they are accessible.
3. Different types of sandpaper will allow the sander to meet various needs. Different grades of sandpaper are available, the higher the grade number, the finer the grit. For rough work, start with a low grit grade (ie 60 grade) and move to a higher, finer grade (ie 100 or 120) for finishing. If you use a fine grade for rough surfaces, it will soon clog and need to be replaced.
4. At all times, let the sander do the work; do not force or apply excessive pressure to the sandpaper or it may wrinkle or tear. Preferably use a light circular motion.
5. If the surface shows excessive formation due to abrasive motion, you may be using too coarse a grit or applying too much pressure.

## Maintenance and cleaning

### Maintenance

- Your power tool requires no additional lubrication or maintenance. There are no user-serviceable parts in your power tool.
- Always store your power tool in a dry place.
- Keep the motor ventilation slots clean.
- If you see sparks in the ventilation slots, this is normal and will not harm your power tool.
- If the power cord is damaged, it must be replaced with a special cord or assembly available from the manufacturer or its service agent.

### Cleaning

- Keep tool air vents unclogged and clean at all times.
- Never use water or chemical cleaners to clean your power tool. Clean with a dry towel.
- Remove dust and dirt regularly. Cleaning is best done with a soft brush or cloth.

- If the body of the sander needs to be cleaned, wipe it with a soft, damp cloth. A mild detergent can be used, but nothing like rubbing alcohol, gasoline, or other cleaning agents.
- Never use caustic agents to clean plastic parts.
- Water must not come into contact with this tool.

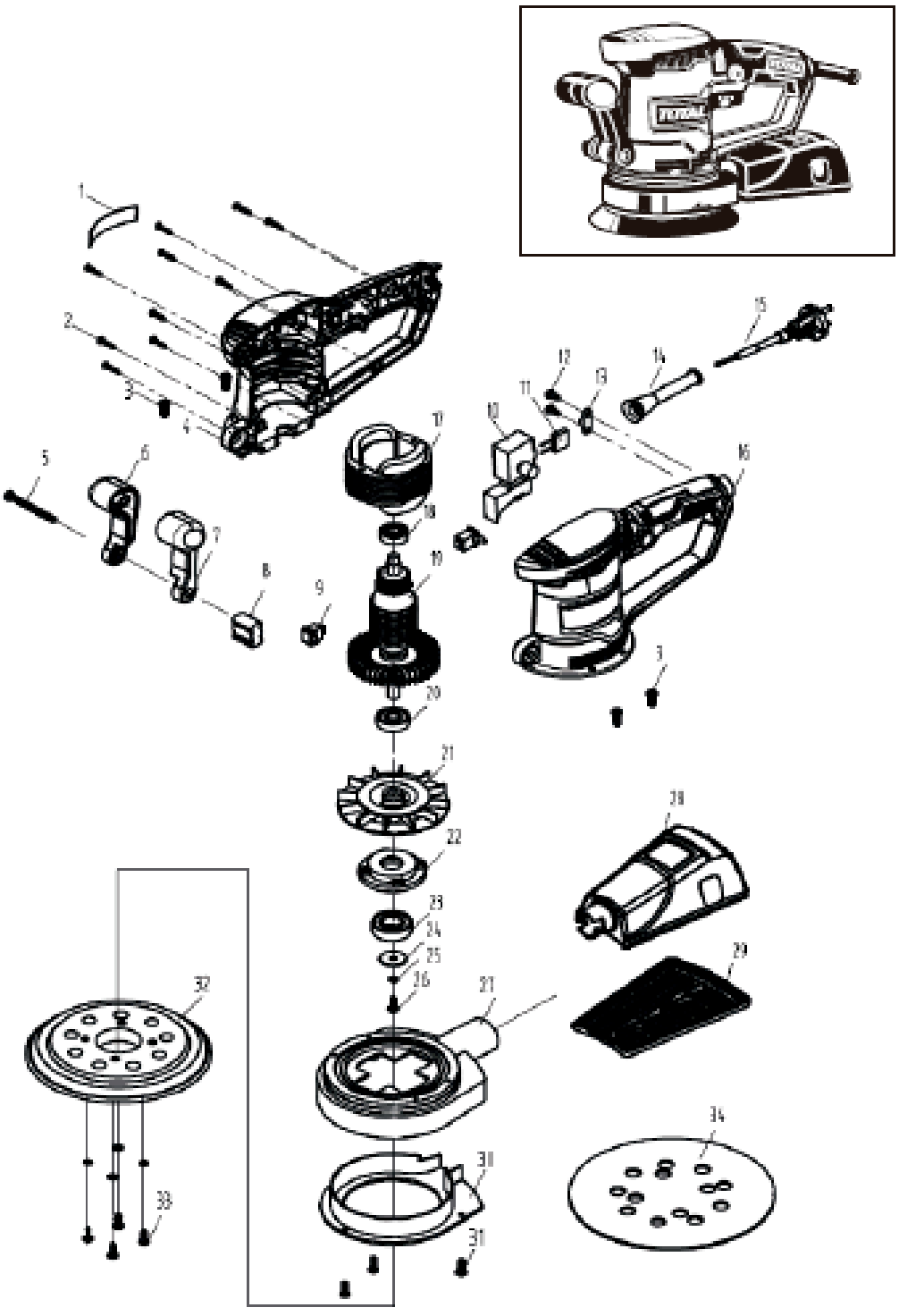
## Problem solving

- If your tool doesn't work, check to see if the outlet has power and if the tool is plugged in.
- If the sander does not abrade the surface, check the sandpaper. If the sandpaper has worn off, replace with new paper and try again. The paper should be kept in a dry place, if it is allowed to get wet the abrasive particles will lose their adhesion to the backing paper and will not wear off.
- If the bottom of the sander does not move smoothly, the sandpaper may be loose, damaged, or wrinkled. Replace and try again.
- If after checking these recommendations it still does not work, take it to a Total Authorized Service Center.

## Environment

- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- Contact your local authority for information on available collection systems.
- If electrical appliances are disposed of in landfills, hazardous substances can seep into the groundwater and enter the food chain, harming your health and well-being.
- Recycle raw materials instead of disposing of them as waste.
- The machine, accessories and packaging must be sorted for environmentally friendly recycling.
- Plastic components are labeled for categorized recycling.

# Exploded view



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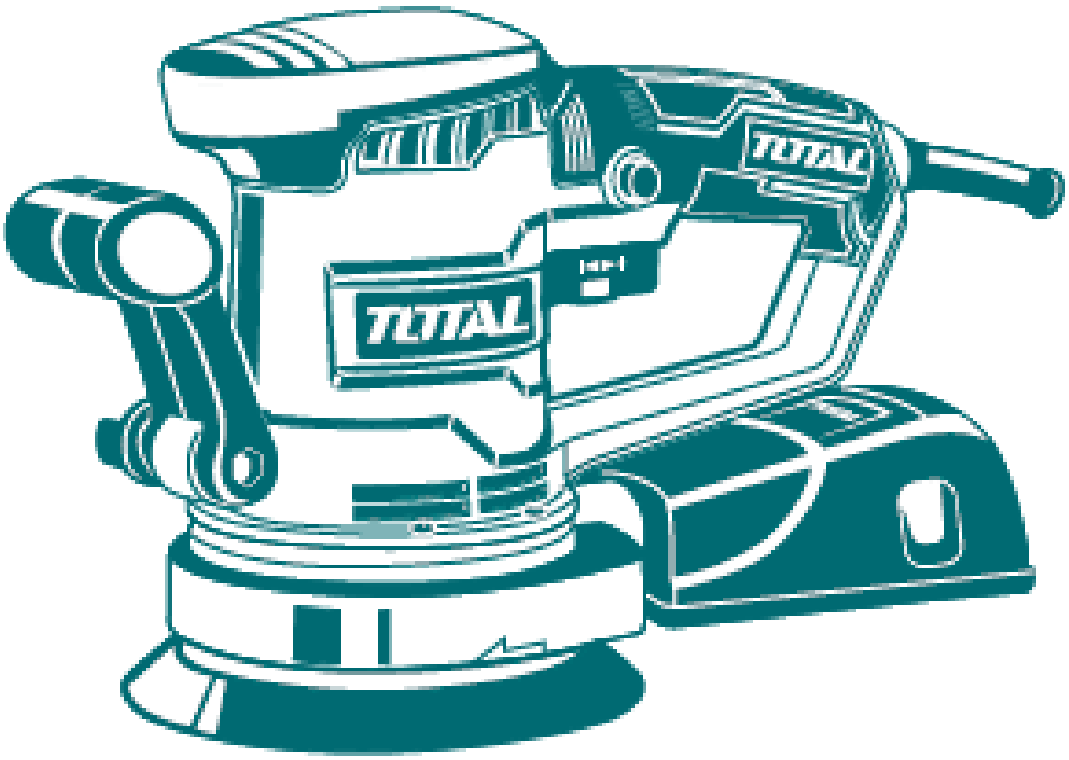


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