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> Metabo SRE 4350 TurboTec Sander User Manual

## Metabo 611350700

# Metabo SRE 4350 TurboTec Sander User Manual

Model: 611350700

**metabo**<sup>®</sup>

Official Metabo brand logo.

## 1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Metabo SRE 4350 TurboTec Sander. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.



The Metabo SRE 4350 TurboTec Orbital Sander, designed for professional surface finishing.

## 2. SAFETY INSTRUCTIONS

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Always observe the following safety precautions to reduce the risk of electric shock, fire, and serious injury.

### General Power Tool Safety Warnings

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Stay alert, watch what you are doing and use common sense when operating a power tool. Always wear eye protection and appropriate dust mask.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.

### Sander Specific Safety Warnings

- Always secure the workpiece. An unsecured workpiece can cause serious injury.
- Do not sand materials containing asbestos.
- Wear appropriate respiratory protection when sanding materials that produce fine dust.
- Ensure proper ventilation in the work area.

## 3. PACKAGE CONTENTS

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Your Metabo SRE 4350 TurboTec Sander package includes the following components:

- Sanding pad with hook-and-loop fastening
- 10 "Professional" adhesive sheets (2 each of P40, P80, P120, P180, P240)
- Sanding fleece (medium)
- Detachable auxiliary handle
- Textile dust bag
- metaBOX 165 L (storage and transport case)



Icons indicating the inclusion of a MetaLoc case and a set of accessories.

## 4. SETUP

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### Attaching Sandpaper

The SRE 4350 TurboTec features a robust clamping system for standard sandpaper sheets and a hook-and-loop system for quick-change sanding pads.

1. **For Hook-and-Loop Sanding Pads:** Align the sanding pad with the sanding plate and press firmly to secure. Ensure the holes on the sanding pad align with the dust extraction holes on the plate.

2. **For Clamp-on Sandpaper:** Open the clamping levers on both sides of the sanding plate. Insert the sandpaper sheet, ensuring it is taut and centered. Close the clamping levers securely.

## Attaching Auxiliary Handle

The detachable auxiliary handle can be attached to the front of the sander for improved control and comfort during operation. Loosen the handle's locking mechanism, slide it onto the designated mounting point, and tighten the mechanism until secure.

## Connecting Dust Bag / Extraction

Attach the textile dust bag to the dust extraction port at the rear of the sander. For optimal dust collection, connect the sander to an external dust extraction system using a suitable adapter (not included).

## 5. OPERATING

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### Powering On/Off

Connect the power cord to a suitable power outlet. To turn the sander on, press the ON/OFF switch. To turn it off, press the switch again.

### Adjusting Oscillation Speed

The SRE 4350 TurboTec features variable oscillation speed, ranging from 8400 to 22000 oscillations per minute. Use the speed adjustment dial to select the appropriate speed for your material and desired finish. Lower speeds are suitable for delicate work and polishing, while higher speeds are for rapid material removal.

### Sanding Techniques

- Always start the sander before placing it on the workpiece and lift it off before switching it off.
- Apply even, moderate pressure. Excessive pressure will reduce sanding efficiency and may damage the tool or workpiece.
- Move the sander in smooth, overlapping passes across the surface.
- For best results, sand with the grain of the wood.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your sander.

### Cleaning the Tool

- After each use, disconnect the sander from the power supply.
- Wipe down the exterior of the tool with a clean, damp cloth. Do not use harsh cleaning agents or solvents.
- Clean the ventilation slots regularly to prevent overheating.

### Dust Bag Emptying

Empty the textile dust bag frequently to maintain effective dust collection and prevent clogging. Detach the bag, empty its contents, and reattach securely.

### Checking Wear Parts

- **Sanding Pad:** Inspect the hook-and-loop surface of the sanding pad for wear or damage. A worn pad will not hold sandpaper securely. Replace if necessary.
- **Power Cord:** Regularly check the power cord for any signs of damage. If damaged, have it replaced by a qualified

technician.

## 7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Sander does not start	No power supply; Faulty switch	Check power connection; Contact service center
Poor sanding performance	Worn sandpaper; Incorrect grit; Excessive pressure	Replace sandpaper; Use appropriate grit; Reduce pressure
Excessive vibration	Damaged sanding pad; Unbalanced sandpaper	Inspect/replace sanding pad; Ensure sandpaper is correctly attached
Poor dust collection	Full dust bag; Clogged extraction port; Misaligned sandpaper holes	Empty dust bag; Clear port; Use sandpaper with matching holes

## 8. SPECIFICATIONS

Key technical specifications for the Metabo SRE 4350 TurboTec Sander:

Feature	Specification
Manufacturer	Metabo
Item Model Number	611350700
Power Source	Corded Electric
Nominal Power	350 W
Voltage	230 VAC
Oscillation Speed (no-load)	8400-22000 /min
Sanding Plate Dimensions	92 x 184 mm (1/3 sheet)
Item Weight	2 Kilograms
Included Components	Sander SRE 4350 TurboTec (611350700); MetaLoc

## 9. WARRANTY AND SUPPORT

Metabo products are manufactured to high quality standards and are designed for durability. For warranty information, technical support, or service inquiries, please contact your local Metabo dealer or visit the official Metabo website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, please refer to the contact information provided with your product packaging or visit [www.metabo.com](http://www.metabo.com).

