**TOTAL TS5152542**

# Total Table Saw 1500W 10-inch TS5152542 User Manual

Model: TS5152542 | Brand: TOTAL

## 1. INTRODUCTION

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your Total Table Saw 1500W 10-inch, model TS5152542. Please read this manual thoroughly before operating the saw to ensure proper use and to prevent injury or damage.

The Total Table Saw is a corded electric power tool designed for cutting wood and wood-based materials. It features a 1500W motor, a 254mm (10-inch) blade, and operates on 220-240V~50/60Hz power supply.

## 2. GENERAL SAFETY INSTRUCTIONS

**WARNING:** Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

### Work Area Safety

- Keep the 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. 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.
- 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.

**Personal Safety**

- Always wear eye protection. Use appropriate personal protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions.
- 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 and clothing away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- 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.

## 3. PRODUCT OVERVIEW AND COMPONENTS

The Total Table Saw TS5152542 is designed for precision cutting tasks. Familiarize yourself with its main components before operation.



**Figure 1:** Complete view of the Total Table Saw TS5152542, showing the main table, blade guard, motor housing, and stand with wheels.

**Figure 2:** Close-up view of the table saw's right-side extension table, which can be adjusted to accommodate wider workpieces.



**Figure 3:** Detail of the rip fence and its clamping mechanism, used to guide material parallel to the saw blade for accurate cuts.

## Key Components:

- **Saw Blade:** The cutting component, 254mm diameter.
- **Table:** The main work surface (725x490mm).
- **Extension Tables:** Left, right, and rear extensions for larger workpieces.
- **Rip Fence:** Adjustable guide for parallel cuts.
- **Miter Gauge:** For angled cross-cuts.
- **Blade Guard:** Safety cover over the blade.
- **On/Off Switch:** Power control.
- **Blade Height Adjustment Wheel:** Controls cutting depth.
- **Blade Bevel Adjustment Handle:** Controls blade angle for miter cuts.

## 4. SETUP AND ASSEMBLY

The table saw requires some assembly before first use. Ensure all components are present and undamaged before proceeding.

### Unpacking and Inspection

1. Carefully remove all contents from the packaging.
2. Inspect the saw for any shipping damage. Do not operate if damaged.
3. Verify all parts listed in the packing list are present.

### Stand Assembly

Assemble the stand according to the diagrams provided in the separate assembly sheet (if applicable). Ensure all bolts are securely tightened for stability.

### Table and Extension Setup

1. Attach the extension tables (left, right, and rear) to the main table using the provided hardware.
2. Ensure the extension tables are level with the main table surface.

### Blade Installation (if not pre-installed)

1. Disconnect the saw from the power supply.
2. Remove the throat plate.
3. Using the appropriate wrenches, loosen the arbor nut and install the 254mm blade, ensuring the teeth are facing the correct direction for cutting.
4. Tighten the arbor nut securely.
5. Reinstall the throat plate and blade guard assembly.

## 5. OPERATING INSTRUCTIONS

Always wear appropriate safety gear, including eye protection, hearing protection, and a dust mask, before operating the table saw.

### Power Connection

- Connect the power cord to a grounded 220-240V~50/60Hz electrical outlet.
- Ensure the power switch is in the "OFF" position before plugging in.

### Adjusting Blade Height and Angle

- **Blade Height:** Use the blade height adjustment wheel to raise or lower the blade. For most cuts, the blade should extend approximately 3-6mm above the workpiece.
- **Blade Angle (Bevel):** Loosen the blade bevel adjustment handle and tilt the blade to the desired angle (0-45 degrees). Tighten the handle securely after adjustment.

### Using the Rip Fence

- Position the rip fence to the desired width of cut, using the scale on the table.
- Securely lock the rip fence in place using its clamping mechanism. Ensure it is parallel to the blade.

### Making a Cut

1. Place the workpiece firmly against the rip fence and flat on the table.
2. Turn on the saw and allow the blade to reach full speed.
3. Slowly and steadily feed the workpiece into the blade, maintaining firm contact with the fence and table.

Use a push stick for narrow cuts.

4. Once the cut is complete, turn off the saw and wait for the blade to stop completely before removing the workpiece or off-cuts.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your table saw. Always disconnect the power supply before performing any maintenance.

### Cleaning

- After each use, clear sawdust and debris from the table, blade guard, and motor housing using a brush or vacuum cleaner.
- Do not use solvents or abrasive cleaners.

### Blade Care and Replacement

- Keep the saw blade clean and sharp. A dull blade can cause kickback and poor cut quality.
- Replace worn or damaged blades immediately. Refer to the "Blade Installation" section for replacement procedure. Use only 254mm diameter blades with a 16mm arbor hole.

### Storage

- Store the table saw in a dry, secure location, out of reach of children.
- Protect the blade from rust by applying a light coat of machine oil if storing for extended periods.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your table saw.

| Problem | Possible Cause | Solution |
|---|---|---|
| Saw does not start | No power supply; Faulty switch; Motor overload. | Check power connection and circuit breaker; Inspect switch; Allow motor to cool. |
| Blade binds or smokes | Dull blade; Incorrect blade type; Misaligned fence; Forcing workpiece. | Replace or sharpen blade; Use appropriate blade for material; Adjust fence parallel to blade; Reduce feed rate. |
| Inaccurate cuts | Fence not parallel; Miter gauge not set correctly; Loose blade. | Adjust fence; Calibrate miter gauge; Tighten blade arbor nut. |

## 8. SPECIFICATIONS

| Feature | Specification |
|---|---|
| Model Number | TS5152542 |
| Brand | TOTAL |
| Power Source | Corded Electric |

| Feature | Specification |
|---|---|
| Voltage | 220-240V~50/60Hz |
| Input Power | 1500W |
| No-load Speed | 4500/min (RPM) |
| Blade Diameter | 254mm x 16mm (10 inch) |
| Max Cutting Capacity | 80mm |
| Table Size | 725mm x 490mm |
| Left/Right Extension Table Size | 440mm x 125mm |
| Rear Extension Table Size | 460mm x 125mm |
| Item Weight | 45 Kilograms |
| Product Dimensions (L x W x H) | 5 x 5 x 5 cm (Note: This dimension seems to be a placeholder or incorrect based on item weight and table size, refer to actual product for accurate dimensions) |

## 9. WARRANTY AND SUPPORT

This Total Table Saw TS5152542 is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact your retailer.

For technical support, spare parts, or service inquiries, please contact your authorized Total Tools service center or retailer. Keep your purchase receipt and model number (TS5152542) available when seeking support.

Extended warranty options may be available from third-party providers, such as the 1-Year or 2-Year Extended Warranty by Salama Care mentioned in product listings. These are separate from the manufacturer's standard warranty.

**Related Documents - TS5152542**



[TOTAL TOOLS TLT6001 600W Router - User Manual and Specifications](#)
User manual and technical specifications for the TOTAL TOOLS TLT6001 600W router. Features include safety guidelines, operating instructions, maintenance procedures, and a detailed parts list for woodworking professionals and DIY enthusiasts.

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| | [ADTRAN Total Access 600 Series System Manual](#)<br><br>Comprehensive system manual for ADTRAN Total Access 600 Series Integrated Access Devices (IADs), covering installation, operation, maintenance, compliance, and support for models like 600R, 604, 608, 612, 616, and 624. |
| | [ADTRAN Total Access 900 Series: Guía de Inicio Rápido](#)<br><br>Aprenda a configurar y acceder a su unidad ADTRAN Total Access 900 Series a través de GUI y CLI. Esta guía cubre la configuración de IP, conexiones y comandos básicos. |
| | [TOTAL TS730301 Band Saw User Manual and Safety Guide](#)<br><br>Comprehensive guide to the TOTAL TS730301 Band Saw, covering safety instructions, operation, maintenance, and troubleshooting. Learn how to safely and effectively use your band saw for various cutting tasks. |
| | [TOTAL Demolition Hammer TH215002 User Manual and Safety Instructions](#)<br><br>Comprehensive guide for the TOTAL Demolition Hammer TH215002, including safety instructions, technical data, product description, setup, maintenance, and environmental considerations. |
| | [MicroSnap® Total 总计 - Hygiena 海洁娜](#)<br><br>Hygiena MicroSnap® Total 总量检测, 快速检测方法, 7 小时出结果 Hygiena 海洁娜, 卫生监测方案, Hygiena® EnSURE Touch |