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Total TS5152542

Total Table Saw TS5152542 1500W 10 Inch User Manual

Model: TS5152542 | Brand: Total

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Total TS5152542 1500W 10 Inch Table Saw. Please read these instructions thoroughly before assembly, operation, or maintenance to ensure proper use and prevent injury. Keep this manual for future reference.



Figure 1: Total TS5152542 1500W 10 Inch Table Saw. This image displays the overall design and primary components of the table saw.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using power tools. Familiarize yourself with all controls and proper usage procedures.

- **Read the entire manual:** Understand all instructions and warnings before operating the saw.
- **Wear appropriate safety gear:** Always use eye protection, hearing protection, and a dust mask.
- **Ensure a safe work area:** Keep the area clean, well-lit, and free from obstructions. Do not operate in damp or wet conditions.
- **Keep children and bystanders away:** Distractions can cause you to lose control.
- **Use the correct blade:** Ensure the blade is sharp, clean, and suitable for the material being cut.
- **Never bypass safety guards:** Always use the blade guard and anti-kickback pawls.
- **Unplug before adjustments:** Disconnect the saw from the power source before changing blades, making adjustments, or performing maintenance.
- **Maintain proper footing and balance:** Do not overreach.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before plugging in the tool.

3. PACKAGE CONTENTS

Upon opening the package, verify that all items are present and undamaged. If any parts are missing or damaged, contact your retailer immediately.

- Total Table Saw TS5152542
- Saw Blade (10 Inch)
- Blade Guard Assembly
- Rip Fence
- Miter Gauge
- Push Stick
- Wrenches for blade changes
- User Manual
- Additional Attachments (as supplied)

4. SPECIFICATIONS

Feature	Specification
Brand	Total
Model	TS5152542
Power	1500W
Blade Size	10 Inch
Voltage	240V
Weight	36.35 kg
Dimensions (L x W x H)	77.5 x 60.5 x 37 cm
Blade Material	High-speed steel

Feature	Specification
Recommended Surface	Wood
Power Source	Corded Electric
Special Features	Durable construction, stable operation
Included Components	Attachments

5. SETUP

Careful setup is crucial for safe and accurate operation. Ensure the saw is unplugged before beginning assembly.

- 1. Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
- 2. Assembly:**
 - Attach the stand/legs (if applicable) to the main saw body. Ensure all fasteners are securely tightened.
 - Install the saw blade: With the saw unplugged, use the provided wrenches to loosen the arbor nut. Place the blade onto the arbor, ensuring the teeth are oriented correctly for cutting. Tighten the arbor nut securely.
 - Install the blade guard and anti-kickback pawls: These are critical safety features. Follow the instructions in the included diagram for proper attachment.
 - Attach the rip fence and miter gauge: Familiarize yourself with their locking mechanisms and adjustment features.
- 3. Work Area Preparation:** Place the table saw on a stable, level surface. Ensure adequate space around the saw for material handling and safe operation.
- 4. Power Connection:** Connect the saw to a grounded 240V power outlet.

6. OPERATING INSTRUCTIONS

Always wear safety glasses and hearing protection during operation.

- 1. Blade Height Adjustment:** Use the blade height adjustment wheel to set the blade just high enough to clear the workpiece by approximately 1/8 inch (3mm).
- 2. Rip Fence Adjustment:** For rip cuts, position the rip fence parallel to the blade at the desired width. Lock it securely in place.
- 3. Miter Gauge Usage:** For crosscuts or angled cuts, use the miter gauge. Adjust it to the desired angle and ensure it slides smoothly in the table slot.
- 4. Starting the Saw:** Ensure the workpiece is properly positioned and you have a clear path. Turn the saw ON using the power switch. Allow the blade to reach full speed before beginning the cut.
- 5. Making a Cut:**
 - Feed the workpiece slowly and steadily into the blade.
 - Always use a push stick when cutting narrow pieces or when your hands are close to the blade.
 - Maintain firm control of the workpiece throughout the cut.
 - Never stand directly in line with the blade.
- 6. Stopping the Saw:** Turn the saw OFF after completing a cut. Wait for the blade to come to a complete stop before removing the workpiece or making any adjustments.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your table saw. Always unplug the saw before performing any maintenance.

- **Cleaning:** After each use, clean sawdust and debris from the table, blade guard, and motor vents using a brush or vacuum. Avoid using solvents that could damage plastic parts.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades promptly.
- **Lubrication:** Periodically apply a light coat of machine wax or dry lubricant to the table surface to reduce friction and prevent rust.
- **Motor Brushes:** Refer to the detailed manual for instructions on inspecting and replacing motor brushes, if applicable.
- **Fasteners:** Check all nuts, bolts, and screws periodically to ensure they are tight.

8. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Saw does not start	No power, faulty switch, tripped circuit breaker	Check power connection, test outlet, reset circuit breaker, inspect switch.
Poor cut quality (rough, burning)	Dull blade, incorrect blade for material, improper feed rate	Replace or sharpen blade, use appropriate blade, adjust feed rate.
Excessive vibration	Loose blade, damaged blade, unstable saw setup	Ensure blade is tight, replace damaged blade, secure saw to a stable surface.
Kickback occurs	Improper fence alignment, dull blade, workpiece binding, not using anti-kickback pawls	Align fence correctly, use sharp blade, ensure workpiece is supported, always use anti-kickback pawls.

9. WARRANTY AND SUPPORT

This Total Table Saw TS5152542 is designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or contact your retailer. General support and service inquiries can be directed to Total customer service through their official website or authorized service centers. Please have your model number (TS5152542) and purchase date available when contacting support.

Note: The product is eligible for a 15-day return period from the date of purchase, as per retailer policy.

