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Delta 36-5000T2

Delta 10-inch Contractor Table Saw

MODEL: 36-5000T2 USER MANUAL

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Delta 10-inch Contractor Table Saw, Model 36-5000T2. Please read this manual thoroughly before operating the saw to ensure proper usage and to prevent injury or damage to the equipment.

The Delta 10-inch Contractor Table Saw is designed for precision cutting of wood materials, featuring a robust cast iron table top, steel extension wings, and a powerful contractor-grade motor. Its Biesemeyer style fence system ensures accurate cuts for various woodworking tasks.

2. SAFETY INSTRUCTIONS

WARNING: Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

General Safety

- Read and understand all instructions before operating the saw.
- 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.
- 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 grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Ensure the saw is connected to a dedicated 20 AMP circuit for optimal performance and to prevent motor issues. The saw operates on 120 Volts and draws up to 1800 watts.

Personal Safety

- Always wear eye protection, such as safety glasses or goggles, and hearing protection.

- Use a dust mask if operating in dusty conditions.
- Do not overreach. Keep proper footing and balance at all times.
- Use push sticks and push blocks when making cuts near the blade.
- Always disconnect power before changing blades or performing maintenance.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Delta Table Saw:



Figure 3.1: Overview of the Delta 10-inch Contractor Table Saw, showing the main unit with its cast iron table, extension wings, Biesemeyer style fence, and mobile base.

- **Cast Iron Table Top:** Provides a stable and durable work surface.
- **Steel Extension Wings:** Expand the work surface for larger materials.
- **Biesemeyer Style Fence System:** Ensures precise and repeatable rip cuts.
- **Blade Guard:** Protects against accidental contact with the blade.
- **Miter Gauge:** Used for making accurate crosscuts.
- **Arbor:** Holds the saw blade.
- **Blade Tilt Handwheel:** Adjusts the blade angle for bevel cuts.
- **Blade Height Adjustment Handwheel:** Controls the depth of cut.
- **Dust Port:** Connects to a dust collection system for a cleaner work environment.

4. SETUP

Assembly

The Delta 10-inch Contractor Table Saw is designed for straightforward assembly. Follow the detailed instructions provided in the separate assembly guide that came with your saw. Ensure all fasteners are securely tightened before initial operation.

Power Connection

- Verify your power supply matches the saw's requirements: 120 Volts, 60 Hz.
- The saw draws up to 1800 watts and 15 Amps. For optimal performance and to prevent tripping breakers or motor strain, it is highly recommended to connect the saw to a dedicated 20 AMP circuit.
- Ensure the power cord is free from damage and positioned to avoid tripping hazards.

Initial Checks

- Inspect the blade for any damage or dullness. Replace if necessary.
- Ensure the blade guard is properly installed and functioning.
- Check that the Biesemeyer style fence is parallel to the blade and locks securely.
- Verify all adjustments (blade height, tilt) operate smoothly.

5. OPERATING INSTRUCTIONS

Powering On/Off

- To turn on the saw, press the green "ON" button.
- To turn off the saw, press the red "OFF" button or engage the brake feature if equipped.
- Allow the blade to reach full speed before beginning a cut.

Adjusting Depth of Cut

Use the blade height adjustment handwheel to set the desired depth of cut. For through cuts, the blade should extend approximately 1/8 inch above the workpiece.

- Maximum depth of cut at 90°: 3-1/8 inches (79.36mm).
- Maximum depth of cut at 45°: 2-1/4 inches (57.2mm).

Blade Tilt Adjustment

The blade can be tilted up to 45° to the left for bevel cuts. Use the blade tilt handwheel to set the desired angle.

Using the Biesemeyer Style Fence

The legendary Biesemeyer style fence system allows for precise rip cuts. Unlock the fence, slide it to the desired measurement (up to 30 inches right of the blade or 15 inches left of the blade), and lock it securely in place. This design is particularly effective for cutting small pieces of stock.

Dado Capacity

The saw supports stacked dado blades with a capacity of 13/16 inches (20.64mm) x 8 inches (203mm).

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your table saw. Always disconnect power before performing any maintenance.

Cleaning

- After each use, clear sawdust and debris from the table top, fence, and blade area.
- Use a vacuum cleaner or compressed air for thorough cleaning of internal components, especially around the motor and dust collection port.
- Keep the cast iron table top clean and apply a rust preventative as needed.

Blade Care

- Regularly inspect the carbide blade for sharpness and damage. A dull blade can cause kickback and poor cut quality.
- Clean resin and pitch buildup from the blade using a suitable blade cleaner.
- Replace worn or damaged blades promptly.

Motor and Electrical Components

- Periodically check the power cord for cuts or fraying.
- Listen for unusual noises or excessive humming from the motor. If you observe smoke or a persistent hum without blade rotation, discontinue use immediately and consult a qualified service technician. Some users have reported issues with capacitors; professional diagnosis and repair are recommended.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start or motor hums but blade doesn't turn.	Insufficient power supply (e.g., 15 AMP circuit instead of 20 AMP). Faulty capacitor. Overload protection tripped.	Ensure saw is connected to a dedicated 20 AMP circuit. Consult a qualified service technician for capacitor replacement. Reset the overload protector (if applicable) and reduce load.
Smoke from motor area.	Motor overheating due to overload. Internal component failure (e.g., capacitor).	Immediately turn off the saw and disconnect power. Allow to cool. Do not operate until inspected by a qualified service technician.
Inaccurate cuts.	Fence not parallel to blade. Dull or damaged blade. Loose components.	Calibrate the fence for parallelism. Replace the blade. Check and tighten all accessible fasteners.

For issues not listed here or if solutions do not resolve the problem, contact Delta customer support or an authorized service center.

8. SPECIFICATIONS

Feature	Detail
Brand	Delta

Feature	Detail
Model Number	36-5000T2
Power Source	Corded Electric
Voltage	120 Volts
Wattage	1800 watts
Amperage	15 Amps (Recommended 20 AMP circuit)
RPM	3450 RPM
Arbor Size	5/8 inch (15.88mm)
Blade Diameter	10 inches
Depth of Cut at 90°	3-1/8 inches (79.36mm)
Depth of Cut at 45°	2-1/4 inches (57.2mm)
Rip Capacity Right of Blade	30 inches (762mm)
Rip Capacity Left of Blade	15 inches (381mm)
Dado Capacity	13/16 inches (20.64mm) x 8 inches (203mm) stacked dado
Product Dimensions (L x W x H)	62.44 in. x 40 in. x 42.91 in. (1,585.98mm x 1016mm x 1,089.91mm)
Net Weight	195 lbs. (88.45 kg)
Included Components	Carbide Blade
UPC	847962006394

9. WARRANTY & SUPPORT

Warranty Information

The Delta 10-inch Contractor Table Saw (Model 36-5000T2) comes with a **5 Year Professional Warranty**. Please retain your proof of purchase for warranty claims. For full details on warranty coverage, terms, and conditions, refer to the warranty card included with your product or visit the official Delta website.

Customer Support

For technical assistance, parts, or service, please contact Delta customer support. You can find contact information and additional resources on the official Delta website or through their Amazon Brand Store:

[Visit the Delta Store on Amazon](#)

When contacting support, please have your model number (36-5000T2) and serial number ready.



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