Hitachi C10RJ

Hitachi C10RJ 10-Inch Jobsite Table Saw Instruction Manual

Model: C10RJ

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and setup of your Hitachi C10RJ 10-Inch 15-Amp Jobsite Table Saw. Please read all instructions carefully before use to ensure proper functionality and safety.



Figure 1: Hitachi C10RJ 10-Inch Jobsite Table Saw with Fold and Roll Stand.

Safety Information

Your Hitachi C10RJ table saw is designed with several safety features. Always prioritize safety during operation.

- **Soft Start Function:** Reduces noise and recoil during startup, providing a smoother power-on experience.
- **Electric Brake:** Halts the blade rotation within seconds after power-off, enhancing user safety.
- **Zero Voltage Restart Protection:** Prevents the saw from automatically restarting after a temporary power interruption, requiring manual restart for safety.
- **Overload Protection:** Automatically shuts off the motor if an overload situation occurs, preventing damage to the motor.
- **Oversized Power Switch:** Located at knee level for quick and immediate shutdown in emergencies. It includes a safety cover.
- **Riving Knife:** Ensures no binding or kickback of material during cuts, improving safety and cut quality.
- **Blade Guard Assembly:** Provides protection from the rotating blade. Always ensure it is properly installed and functioning.

- **Anti-Kickback Pawls:** Designed to prevent material from being thrown back towards the operator.

Setup

Assembling the Fold and Roll Stand

The C10RJ features a durable fold and roll stand for portability and stability. The stand incorporates large 8-inch rubber all-terrain treaded wheels for easy maneuverability around job sites.

- Unfold the stand legs until they lock into place.
- Ensure all legs are securely extended. One leg includes an adjustable foot to aid in leveling the saw on uneven ground, providing stability. Adjust as necessary.

Table Extension and Rip Fence

The table saw features a 28-3/4 inches x 22 inches working table top with a telescoping table extension.

- Extend the telescoping table extension to the right for a maximum 35-inch rip capacity.
- For smaller cuts, the extension can be set to the left, supporting up to 22 inches of rip capacity.
- The adjustable rip fence is designed for fast, smooth, and accurate adjustments. Secure the fence firmly before making any cuts.

Miter Gauge Setup

The C10RJ is equipped with a 3/4-inch T-slot miter gauge.

- Insert the miter gauge into the T-slot on the table.
- Adjust the miter gauge to the desired angle using the large scale. Positive stops are available at 0, 22.5, and 45 degrees to both the right and left for accurate material guidance.



Figure 2: Bevel adjustment knob and scale for precise angle settings.

Operation

The Hitachi C10RJ table saw is powered by a high-power 15-amp direct drive universal motor, generating 4,500 RPM for efficient cutting through tough hardwoods.

Powering On/Off

- To power on, lift the safety cover and press the green 'ON' button.
- To power off, press the large red 'OFF' paddle or push down the safety cover.



Figure 3: Oversized power switch with emergency off safety cover.

Cutting Capacity and Adjustments

- **Straight Cuts (90°):** Achieve a cutting depth of 3-1/8 inches.
- **Bevel Cuts (45°):** Achieve a cutting depth of 2-1/4 inches. The blade can bevel between 0 to 45 degrees. Bevel scale and height adjustment knobs are conveniently located on the front of the cabinet for easy access.
- **Dado Stack:** The saw can accommodate an 8-inch dado stack up to 13/16 inches wide.

Dust Collection

A 2.5-inch dust port is located at the rear of the saw. It can be easily connected to a shop vacuum or other dust collection system to minimize sawdust accumulation during operation.

Product Overview and Demonstration Video

Your browser does not support the video tag.

Video 1: An overview of the Hitachi C10RJ 10-Inch Jobsite Table Saw, demonstrating its features and operation, including soft start, electric brake, rip capacity, and portability.

Maintenance

- **Cleaning:** Regularly clean the table surface, blade guard, and dust port to ensure optimal performance and safety. Use a shop vac to clear sawdust from the dust port.
- **Blade Inspection:** Periodically inspect the 10-inch 40-tooth carbide-tipped blade for sharpness and damage. Replace dull or damaged blades promptly.
- **Accessory Storage:** Utilize the built-in storage for the push stick, blade guard, anti-kickback pawls, power cord, and other accessories to keep them organized and protected.
- **Stand Maintenance:** Check the fold and roll stand for any loose fasteners or damage. Ensure the wheels are clean and roll freely.

Troubleshooting

If you encounter issues with your Hitachi C10RJ table saw, refer to the following basic troubleshooting steps:

- **Saw does not start:** Check the power connection. Ensure the oversized power switch is fully engaged (green 'ON' button pressed). If power was interrupted, manually restart the saw due to zero voltage restart protection.
- **Motor overload/shut-off:** Reduce the feed rate or use a sharper blade. Allow the motor to cool down before restarting.
- **Material kickback:** Ensure the riving knife and anti-kickback pawls are properly installed and adjusted. Use a push stick for narrow cuts and maintain proper body positioning.

- **Inaccurate cuts:** Verify the rip fence is locked securely and parallel to the blade. Check miter gauge settings and ensure the blade is clean and sharp.

For persistent issues or repairs, contact authorized Hitachi service centers.

Specifications

Brand	Hitachi
Model Number	C10RJ
Power Source	Corded Electric
Voltage	120 Volts
Wattage	15 watts (15 Amp Motor)
Speed	4500 RPM
Blade Length	10 Inches
Number of Teeth	40 (Carbide-tipped blade)
Cutting Angle	0-45 Degrees (Bevel)
Max Rip Capacity (Right)	35 Inches
Max Rip Capacity (Left)	22 Inches
Table Top Dimensions	28-3/4"L x 22"W
Item Dimensions (L x W x H)	28"L x 22"W x 36"H
Item Weight	96 Pounds
Included Components	C10RJ Table Saw, 10" 40T Carbide Tipped Blade, Blade Guard Assembly, Anti-Kickback Pawl Assembly, Miter Gauge Assembly, Push Stick, Rip Fence Assembly, Outfeed Support Assembly, 2 Blade Wrenches, 5mm, 4mm, and 2.5mm Hex Bar Wrenches

Warranty

The Hitachi C10RJ 10-Inch Jobsite Table Saw comes with a**2-year professional warranty**, providing peace of mind regarding its quality and durability.

Support

For further assistance, technical support, or warranty claims, please refer to the official Hitachi (now Metabo HPT) customer support channels or visit their authorized service centers.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question