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WnewTools CHU1937748

WnewTools Aluminum Alloy Track Saw Square User Manual

Model: CHU1937748 | Brand: WnewTools

1. INTRODUCTION

The WnewTools Aluminum Alloy Track Saw Square is a precision woodworking accessory designed to ensure accurate 90-degree cuts when used with compatible track saw guide rails. Crafted from durable aluminum alloy, this guide plate provides stability and reliability for various cutting tasks, making it an essential tool for achieving perfectly square results every time. It is compatible with Festo and Triton rail systems.



This image displays the WnewTools Aluminum Alloy Track Saw Square, a precision woodworking tool, securely connected to a guide rail, ready for use.

2. PRODUCT FEATURES

- **Big Size Board:** Designed with a perfect size for square guiding, ensuring ease of operation.
- **Premium Quality:** Constructed from high-grade aluminum alloy, providing exceptional durability and resistance to wear.
- **Accurate Angle Degree:** Guarantees precise 90-degree cuts consistently, enhancing woodworking accuracy.
- **Stable & Adjustable:** Features a new type of connection clip for stable and secure attachment, with the ability to adjust lateral distance for fine-tuning.
- **Multifunctional:** Can be connected with Fonson tracks and other compatible guide rails to serve as a reliable cutting guide.



This image provides an angled perspective of the track saw square, revealing the robust construction and the brass knobs used for securing the square to the track.

3. SETUP

Before using the track saw square, ensure your guide rail is clean and free of debris. The square is designed for quick and secure attachment to compatible track systems.

1. **Identify Connection Points:** Locate the connection slots and the adjustable sliding mechanism on the track saw square.
2. **Align with Guide Rail:** Slide the square onto the end of your track saw guide rail, ensuring the alignment bar and connection clips engage properly with the rail's grooves.
3. **Secure the Square:** Tighten the brass knobs or connection clips to firmly secure the track saw square to the guide rail. Ensure there is no wobble or play.
4. **Check for 90-Degree Alignment:** Verify that the square is seated flush against the rail and forms a true 90-degree angle.



An angled view of the track saw square demonstrating its full attachment to a standard guide rail, highlighting the seamless integration.



A detailed shot focusing on the connection mechanism and the silver alignment bar, which ensures a stable and accurate attachment to the track.

4. OPERATING INSTRUCTIONS

The track saw square is designed to simplify and enhance the accuracy of your cutting operations, particularly for achieving perfect 90-degree crosscuts.

1. **Position the Workpiece:** Place your material on a stable work surface.
2. **Set Up the Guide Rail:** Position your track saw guide rail across the workpiece where you intend to make the cut.
3. **Attach the Square:** Securely attach the WnewTools Track Saw Square to the guide rail as described in the Setup section. Ensure the square's edge is flush against the edge of your workpiece, forming a precise 90-degree angle.
4. **Adjust Lateral Distance (if needed):** If your specific cutting scenario requires a slight offset or adjustment, utilize the square's adjustable lateral distance feature to fine-tune its position relative to the guide rail.
5. **Make the Cut:** With the square firmly in place, guide your circular saw along the track. The square will maintain the 90-degree alignment, ensuring a straight and accurate crosscut.
6. **Verify Accuracy:** After the cut, use a reliable measuring square to confirm the 90-degree angle of your cut.



The track saw square shown connected to a Makita brand guide rail, confirming its compatibility with various track systems for precise cutting operations.



A clear overhead view of the track saw square, illustrating its design and the adjustable component that allows for precise lateral positioning on the guide rail.

5. MAINTENANCE

Proper maintenance will extend the lifespan and ensure the continued accuracy of your WnewTools Track Saw Square.

- **Cleaning:** After each use, wipe down the square with a clean, dry cloth to remove sawdust and debris. For stubborn grime, a slightly damp cloth can be used, followed by immediate drying.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or corrosive chemicals, as these can damage the aluminum alloy finish.
- **Storage:** Store the track saw square in a dry, clean environment, away from direct sunlight and extreme temperatures. Protect it from impacts that could affect its precision.
- **Inspect Fasteners:** Periodically check all screws and fasteners to ensure they are tight. If any components become loose, gently tighten them to maintain stability.

6. TROUBLESHOOTING

If you encounter issues with your track saw square, consider the following common problems and solutions:

- **Inaccurate Cuts:**
 - Ensure the track saw square is fully seated and securely tightened to the guide rail.
 - Check that the guide rail itself is straight and undamaged.
 - Verify that your saw blade is square to the saw's base plate.
- **Loose Connection to Rail:**
 - Tighten the brass knobs or connection clips firmly.
 - Inspect the rail's grooves and the square's mating surfaces for any obstructions or wear.
- **Difficulty Sliding onto Rail:**
 - Ensure the rail and the square's channels are clean of sawdust or debris.
 - Check for any physical damage or bending on either the square or the rail.

7. SPECIFICATIONS

Attribute	Detail
Material	Aluminum Alloy
Angle	90 Degrees (Right Angle)
Size (L x W x H)	365 x 150 x 10mm (approx. 14.37 x 5.91 x 0.39 inches)
Weight	Approx. 1KG (2.2 lbs) / Item Weight: 3.53 ounces (Product only)
Application	Compatible with Festo/Triton rail systems
Brand	WnewTools
Model Number	CHU1937748

Attribute	Detail
UPC	769902899319
Color	Green (as per product specifications)
Style	Woodworking

8. WARRANTY AND SUPPORT

For specific warranty information regarding your WnewTools Aluminum Alloy Track Saw Square, please refer to the documentation provided by the manufacturer or the seller at the time of purchase. Warranty terms typically cover manufacturing defects.

If you purchased this product through an online retailer such as Amazon, please consult their return and refund policies for details on product returns or exchanges. For direct product support or technical inquiries, it is recommended to contact WnewTools directly through their official channels.

Please note that extended protection plans may be available from third-party providers, which are separate from the manufacturer's warranty. Review the terms of any such plans carefully.

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