

## ToughBuilt TB-S600

# ToughBuilt TB-S600 Gravity Miter Saw Stand User Manual

Model: TB-S600

## 1. INTRODUCTION

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Thank you for choosing the ToughBuilt TB-S600 Gravity Miter Saw Stand. This stand is designed to provide a stable and portable workstation for your miter saw, enhancing efficiency and safety on the job site or in your workshop. It features a robust steel construction, universal tool mounts, and easy-to-use folding mechanisms for convenient transport and storage. This manual provides essential information for the safe assembly, operation, and maintenance of your new miter saw stand.

## 2. SAFETY INFORMATION

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Always observe basic safety precautions when using this product to reduce the risk of injury. Read and understand all instructions before assembly and operation.

- **Read All Instructions:** Familiarize yourself with the stand's features and operation before use.
- **Stable Surface:** Always set up the stand on a firm, level surface to prevent tipping.
- **Secure Miter Saw:** Ensure your miter saw is securely mounted to the universal tool mounts before operation.
- **Weight Capacity:** Do not exceed the maximum weight capacity of the stand. Refer to the specifications section.
- **Clear Work Area:** Keep the work area clear of obstructions and ensure adequate lighting.
- **Personal Protective Equipment:** Wear appropriate safety gear, including eye protection, hearing protection, and gloves, when operating power tools on the stand.
- **Children and Bystanders:** Keep children and bystanders at a safe distance from the work area.
- **Inspect Before Use:** Before each use, inspect the stand for any damaged or loose parts. Do not use if damaged.

## 3. PACKAGE CONTENTS

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Verify that all components are present upon unpacking:

- 1 x ToughBuilt TB-S600 Gravity Miter Saw Stand
- Assembly Hardware
- Instruction Manual

## 4. ASSEMBLY AND SETUP

The ToughBuilt TB-S600 is designed for straightforward assembly. Follow these general steps:

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out.
2. **Attach Wheels:** Secure the rugged rubber tires to the designated axle points on the stand frame.
3. **Assemble Frame:** Connect the main frame sections using the provided hardware. Ensure all bolts are tightened securely.
4. **Install Universal Tool Mounts:** Attach the quick-release universal tool mounts to the top rail of the stand. These mounts allow for easy attachment and detachment of most miter saw brands.
5. **Install Material Supports:** Slide the extendable material supports into the main frame. These supports can be repositioned to accommodate various material lengths.
6. **Mount Miter Saw:** Place your miter saw onto the universal tool mounts and secure it using the saw's mounting holes and the provided hardware or clamps. Ensure the saw is level and stable.



Figure 1: Component diagram highlighting key features like universal tool mounts, 10ft material support extension, 2.4" box tube frame, foot pedal lock release, custom feet, and rugged rubber tires.



Figure 2: The ToughBuilt TB-S600 Miter Saw Stand fully assembled and ready for use.

## 5. OPERATING INSTRUCTIONS

The TB-S600 stand offers versatile operation for various tasks.

### 5.1 Folding and Unfolding

- The stand can be folded with or without the miter saw attached, allowing for quick transitions between working and transport modes.
- To fold, engage the foot pedal lock release to collapse the legs. To unfold, reverse the process, ensuring the stand locks securely into its working position.

### 5.2 Material Support

- The stand provides up to 10 feet of material support with its extendable arms.
- Use the cam locks to extend or retract the material supports. These can be operated with one hand.
- Adjust the work stops on both sides of the material supports to hold your workpiece securely and ensure repeatable cuts.

### 5.3 Transportation

- The stand features rugged 8.8-inch solid rubber tires that allow for effortless movement over various terrains.
- Utilize the multi-grip, adjustable position transportation handles for comfortable and controlled movement of the stand, even with a miter saw attached.
- Secure custom feet keep the workbench stable and secure when locked in place for operation.



*Figure 3: A worker easily transporting the folded miter saw stand with the saw still attached.*



*Figure 4: A worker unfolding and preparing the miter saw stand for use.*



*Figure 5: The miter saw stand in use, demonstrating the extended material supports for longer workpieces.*

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your miter saw stand.

- **Cleaning:** Wipe down the stand after each use to remove sawdust and debris. Use a damp cloth and mild detergent if necessary. Avoid harsh chemicals.
- **Inspection:** Periodically check all bolts, nuts, and fasteners for tightness. Tighten any loose hardware.
- **Moving Parts:** Ensure that all moving parts, such as the folding mechanism and material support extensions, operate smoothly. Lubricate pivot points with a dry lubricant if needed.
- **Tires:** Inspect the rubber tires for wear or damage. While designed to be flat-free, ensure they are clean and free of embedded debris.
- **Storage:** Store the stand in a dry, protected area when not in use.

## 7. TROUBLESHOOTING

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If you encounter issues with your ToughBuilt TB-S600 Miter Saw Stand, refer to the following common solutions:

- **Stand is Unstable:**
  - Ensure the stand is fully unfolded and locked into position.
  - Verify that all assembly hardware is securely tightened.
  - Check that the stand is placed on a firm, level surface.

- **Material Supports Not Extending/Retracting Smoothly:**

- Clean any sawdust or debris from the sliding mechanisms.
- Apply a dry lubricant to the sliding surfaces if necessary.
- Ensure cam locks are fully disengaged before attempting to adjust.

- **Miter Saw Not Secure:**

- Re-check that the miter saw is properly seated on the universal tool mounts.
- Ensure all saw mounting hardware is tightened according to your miter saw's instructions.

For further assistance, please contact ToughBuilt customer support.

## 8. SPECIFICATIONS

Key specifications for the ToughBuilt TB-S600 Gravity Miter Saw Stand:

Feature	Detail
Brand	ToughBuilt
Model Number	TB-S600
Material	Steel
Color	Yellow
Product Dimensions (L x W x H)	10.23" x 56.49" x 23.03"
Item Weight	67.8 pounds (30.8 Kilograms)
Special Features	Locking mechanism, Universal Tool Mounts, Folding Design, Rubber Tires
Included Components	1 x TB-S600
GTIN / UPC	858670005890, 858670005487



*Figure 6: Top and side view with key dimensions of the TB-S600 Miter Saw Stand.*

## **9. WARRANTY AND SUPPORT**

### **9.1 Limited Lifetime Warranty**

Every ToughBuilt product is built to be durable. All products manufactured and sold by ToughBuilt are covered by a limited lifetime warranty to the original purchaser against defects in material or workmanship. Normal wear and tear, and conditions resulting from accident, misuse, abuse, alteration, or improper care or maintenance, will void this limited lifetime warranty. This warranty is exclusive and in lieu of any other express warranty of any kind. To activate the limited lifetime warranty, the item must be registered within 30 days of purchase. The warranty is not transferable.

### **9.2 Customer Support**

For warranty claims, technical support, or any questions regarding your ToughBuilt TB-S600 Miter Saw Stand, please visit the official ToughBuilt store or contact their customer service department.

Official ToughBuilt Store: [ToughBuilt Store on Amazon](#)