

DEWALT DW7451

DEWALT DW7451 Table Saw Stand Instruction Manual

Model: DW7451

INTRODUCTION

The DEWALT DW7451 Table Saw Stand is designed to provide a stable and portable platform for compatible DEWALT compact jobsite table saws. Its heavy-duty construction ensures a secure work environment, while its folding design allows for easy transport and storage. This manual outlines the assembly, safe operation, and maintenance procedures for your stand.



Image: The DEWALT DW7451 Table Saw Stand in its unfolded, operational configuration. This stand provides a stable base for compatible DEWALT table saws.

SAFETY INFORMATION

Always prioritize safety when working with power tools and accessories. Read and understand all instructions before assembling or operating the stand and your table saw. Keep this manual for future reference.

- **Read all instructions:** Familiarize yourself with the stand's features and how to use it safely.
- **Secure the saw:** Always ensure your table saw is securely fastened to the stand using all designated mounting points.
- **Stable surface:** Place the stand on a firm, level surface to prevent tipping or instability during operation.
- **Proper attire:** Wear appropriate safety gear, including eye protection, hearing protection, and gloves, when operating a table saw.
- **Keep clear:** Maintain a clear work area around the stand and saw.
- **Children and bystanders:** Keep children and bystanders at a safe distance from the work area.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- DEWALT DW7451 Table Saw Stand frame
- Mounting hardware (bolts, nuts, washers) for attaching the saw



Image: Included mounting hardware, consisting of bolts, washers, and nuts, essential for securely attaching the table saw to the stand's integrated support bar hardware holes.

SETUP

1. Unfolding the Stand

1. Place the folded stand on a flat, stable surface.
2. Carefully extend the legs outwards until they lock into their fully open position. Ensure all four legs are fully extended and stable.



Image: The table saw stand fully unfolded, showing its stable, X-frame design. This configuration is ready for a table saw to be mounted.

2. Attaching the Table Saw

The DW7451 stand is designed for specific DEWALT compact jobsite table saws, including models DW7480, DCS7485, and DW745. The stand features integrated support bar hardware holes that align with the mounting points on these saws.

1. Carefully place your compatible DEWALT table saw onto the stand, aligning the saw's mounting holes with the holes on the stand's support bars.
2. Insert the provided bolts through the aligned holes.
3. Secure each bolt with a washer and nut from underneath the stand. Tighten all hardware firmly to ensure the saw is stable and does not shift during operation.

OPERATING THE STAND

Stability and Work Height

The DW7451 stand is engineered for optimal stability during table saw operation. Ensure the stand is always placed on a level and firm surface. The design provides a suitable work height for most users, contributing to improved control and

reduced fatigue during cutting tasks.

Folding for Storage and Transport

The stand's lightweight and folding design makes it highly portable and easy to store. To fold the stand:

1. First, remove the table saw from the stand by unfastening the mounting hardware.
2. Locate the locking mechanisms on the legs and disengage them.
3. Fold the legs inwards until the stand is flat.
4. The compact, flat profile allows for convenient storage in tight spaces or easy transport to different job sites.



Image: The table saw stand in its folded state, demonstrating its compact design for easy storage and portability. The legs are collapsed, and the frame is flat.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEWALT DW7451 Table Saw Stand.

- **Cleaning:** Periodically wipe down the stand with a damp cloth to remove dust and debris. Avoid using harsh chemicals that could damage the finish.
- **Hardware Inspection:** Regularly check all bolts, nuts, and other fastening hardware for tightness. Tighten any loose components to maintain stability.
- **Structural Integrity:** Inspect the tube steel construction for any signs of damage, bends, or cracks. Do not use the stand if it appears compromised.

TROUBLESHOOTING

If you encounter issues with your table saw stand, refer to the following common solutions:

- **Stand feels wobbly:**
 - Ensure the stand is placed on a completely level surface.
 - Verify that all legs are fully extended and locked into position.
 - Check and tighten all assembly and saw-mounting hardware.
- **Saw does not align with stand holes:**
 - Confirm that your table saw model is compatible with the DW7451 stand (e.g., DW7480, DCS7485, DW745).
 - Ensure the saw is positioned correctly on the stand before attempting to fasten.
- **Missing hardware:**
 - Check all packaging thoroughly. If hardware is genuinely missing, contact DEWALT customer support.

SPECIFICATIONS

Feature	Detail
Model Number	DW7451
Brand	DEWALT
Material	Heavy-Duty Tube Steel
Product Dimensions (L x W x H)	22.8" x 21.7" x 3.6" (folded)
Item Weight	13.32 pounds
Special Features	Lightweight, foldable, designed for specific DEWALT table saw models
Included Components	Stand, mounting hardware
Compatible Saws	DEWALT DW7480, DCS7485, DW745 compact table saws

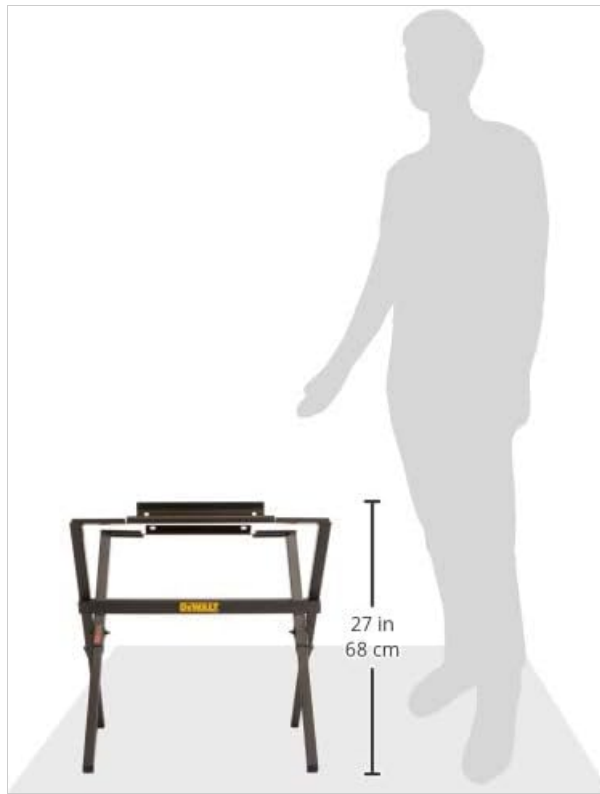


Image: A visual representation of the stand's height, showing a human silhouette for scale. The stand measures approximately 27 inches (68 cm) in height when unfolded.

WARRANTY AND SUPPORT

The DEWALT DW7451 Table Saw Stand is backed by a **3-Year Limited Warranty**. This warranty covers defects in material or workmanship for a period of three years from the date of purchase.

For warranty claims, technical assistance, or to inquire about replacement parts, please contact DEWALT customer support through their official website or authorized service centers. Keep your proof of purchase for warranty validation.

For more information, visit the official DEWALT website: www.dewalt.com