DEWALT DWE7485

DEWALT 15 Amp 8-1/4 in. Compact Portable Jobsite Table Saw (DWE7485)

Model: DWE7485

Introduction

Maximized for accuracy and capacity, this 8-1/4 in. Table Saw includes on-board storage for the blade guard assembly, non-through cut riving knife, anti-kickback pawls, blade-change wrenches, miter gauge, and push stick. The powerful 15 Amp, 5800 rpm motor allows users to complete a majority of applications. The rack & pinion fence allows for fast, easy adjustments and provides the capacity to rip 4x8 sheet goods.

Safety Information

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Power-loss reset:** This feature prevents accidental restarts following a power disruption when the tool is left in the on position.
- **Blade Guard Assembly:** Always ensure the blade guard assembly, non-through cut riving knife, and anti-kickback pawls are correctly installed and functioning before operation.
- **Eye Protection:** Always wear appropriate eye protection when operating the table saw.
- **Hand Placement:** Keep hands away from the blade at all times. Use the provided push stick for narrow cuts.
- **Stable Workpiece:** Ensure the workpiece is stable and properly supported before making any cuts.

Components

The DEWALT DWE7485 Table Saw comes with the following components:

- (1) DWE7485 8-1/4 in. Table Saw

- (1) Fence
- (1) Anti-Kickback Pawls
- (1) Miter Gauge
- (1) Push Stick
- (1) 24T 8-1/4 in. Blade
- (1) Non-thru cut Riving Knife
- (2) Blade Change Wrenches
- (1) Modular Guard System



Figure 1: DEWALT DWE7485 Table Saw with included accessories laid out on the table surface.

Setup

Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Place the table saw on a stable, level surface. The included stand can be easily folded out for use.
3. Install the blade guard assembly, non-through cut riving knife, and anti-kickback pawls as per the instructions in the separate assembly guide (not included in this manual).
4. Ensure the power cord is securely wrapped for storage or unwound for operation.

Operating Instructions

Adjusting the Fence

The table saw features rack & pinion telescoping fence rails for fast, smooth, and accurate adjustments. The fence can be moved manually or with fine adjustment for precise measurements.

1. To adjust the fence, unlock the mechanism.
2. Slide the fence to the desired measurement using the built-in scale. For fine adjustments, use the adjustment knob.
3. Lock the fence securely in place before making a cut.



Figure 2: The table saw with its rack & pinion fence extended, demonstrating its 24.5-inch rip capacity.

Adjusting Blade Angle and Depth

The blade angle and depth can be easily adjusted for various cutting needs.

1. To change the blade angle, unlock the angle adjustment lever and rotate the blade to the desired angle (up to 45 degrees, or slightly beyond for deeper cuts). Lock the lever.
2. To adjust the blade depth, use the depth adjustment wheel to raise or lower the blade to the required cutting depth.

Making a Cut

1. Ensure all safety guards are in place and the workpiece is stable.
2. Turn on the saw using the power switch.

3. Slowly feed the workpiece into the blade, maintaining firm contact with the fence. For narrow cuts, always use the push stick.
4. Allow the blade to come to a complete stop before removing the workpiece or making further adjustments.

Maintenance

Blade Replacement

The blade is easily changeable for different cutting applications or when worn.

1. Ensure the saw is unplugged from the power source.
2. Unlock and remove the throat plate.
3. Use the provided blade change wrenches to loosen the arbor nut and remove the old blade.
4. Install the new blade, ensuring the teeth are oriented correctly. Tighten the arbor nut securely.
5. Replace the throat plate and lock it in place.

Cleaning and Storage

- Regularly clean sawdust and debris from the saw table and internal components. The saw has a vacuum hookup for dust collection.
- Store the saw in a dry, secure location. Its compact size and foldable stand make it easy to transport and store.

Troubleshooting

Problem	Possible Cause	Solution
Saw does not start	No power; Power-loss reset activated	Check power connection; Reset the power switch.
Blade binds or cuts slowly	Dull blade; Improper fence alignment; Riving knife misalignment	Replace blade; Adjust fence for parallel alignment; Check and adjust riving knife.
Excessive sawdust buildup	Dust port clogged; No dust collection system connected	Clear dust port; Connect a vacuum or dust bag to the dust port.

Specifications

Feature	Detail
Brand	DEWALT
Model Number	DWE7485
Power Source	Corded Electric
Current Rating	15 Amps
Voltage	120 Volts
Wattage	1800 Watts

Feature	Detail
Speed	5800 RPM
Blade Length	8-1/4 Inches
Rip Capacity	24.5 inches
Product Dimensions	26.25"L x 13.93"W x 26.57"H
Item Weight	54 Pounds
Special Features	Rack & pinion telescoping fence rails, Site-Pro Modular Guarding System

Warranty and Support

Warranty Information

The DEWALT DWE7485 Table Saw comes with a Limited Warranty. Please refer to the official DEWALT website or your purchase documentation for full warranty details.



Figure 3: DEWALT offers a 3-Year Limited Warranty, 1-Year Free Service, and a 90-Day Money Back Guarantee.

Customer Support

For further assistance, technical support, or to inquire about replacement parts, please visit the official DEWALT website or contact their customer service department. You can also visit the DEWALT Store on Amazon.

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