

DEWALT DWE7480

DEWALT DWE7480 10 in. Compact Job Site Table Saw

Model: DWE7480

1. PRODUCT OVERVIEW

The DEWALT DWE7480 10 in. Compact Job Site Table Saw is designed for portability and durability on the job site. It features a powerful 15 Amp motor capable of cutting large and hardwood materials. The saw incorporates a Site-Pro Modular Guarding System for enhanced safety and ease of use. Its compact and lightweight design, coupled with a robust metal roll cage, ensures reliability in demanding work environments.

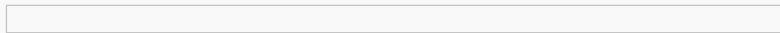


Figure 1.1: Overall view of the DEWALT DWE7480 10-inch Compact Job Site Table Saw.

2. KEY FEATURES

- **Rack and Pinion Telescoping Fence Rails:** Allows for fast, smooth, and accurate fence adjustments.
- **24-1/2" Rip Capacity:** Enables cutting of a variety of larger shelving and trim materials.
- **Site-Pro Modular Guarding System:** Provides tool-free guarding component adjustments for quick setup.
- **Metal Roll Cage Base:** Ensures enhanced durability and protection on job sites.
- **Onboard Storage:** Conveniently stores Site-Pro Guarding components and push stick when not in use.



Figure 2.1: The table saw with its fence extended, demonstrating the 24-1/2 inch rip capacity.

3. SETUP

1. **Unpacking:** Carefully remove the table saw and all components from the packaging. Inspect for any shipping damage.
2. **Stabilization:** Place the saw on a stable, level surface. The metal roll cage provides a sturdy base.
3. **Guard System Installation:** The Site-Pro Modular Guarding System can be installed without tools. Align the guard with the designated slots and secure it. Refer to Figure 3.1 for proper guard placement.
4. **Blade Installation/Check:** Ensure the 10-inch, 24-tooth carbide blade is securely installed. If replacing, use the provided wrenches to loosen and tighten the arbor nut.

5. **Fence Adjustment:** Unlock the fence and slide it along the rack and pinion rails to the desired position. Lock the fence securely before operation.



Figure 3.1: Front view of the saw, highlighting the blade height and bevel adjustment wheels, and the power switch.

4. OPERATING INSTRUCTIONS

4.1. Powering On/Off

To power on the saw, press the green "ON" button. To power off, press the red "OFF" paddle switch. Always ensure the saw is off and unplugged before making any adjustments or maintenance.



Figure 4.1: Detail of the power switch, showing the "ON" and "OFF" controls.

4.2. Adjusting Blade Height and Bevel

- **Blade Height:** Use the large handwheel on the front of the saw to raise or lower the blade. Rotate clockwise to raise and counter-clockwise to lower.
- **Blade Bevel (Angle):** Loosen the bevel lock lever (typically on the front or side) and use the smaller handwheel or lever to tilt the blade to the desired angle (up to 45 degrees). Securely tighten the bevel lock lever before cutting.



Figure 4.2: Side view of the saw, illustrating the blade tilted for bevel cuts.

4.3. Using the Fence

The rack and pinion telescoping fence allows for precise adjustments. Unlock the fence, slide it to the desired measurement indicated on the scale, and then lock it firmly in place. Ensure the fence is parallel to the blade for accurate cuts.



Figure 4.3: The saw with its fence extended, ready for rip cutting operations.

4.4. Using the Miter Gauge

Insert the miter gauge into the miter slot on the table. Adjust the angle as needed for cross-cuts or angled cuts. Always hold the workpiece firmly against the miter gauge and the table during operation.



Figure 4.4: An angled view of the saw, showing the miter gauge in position for cross-cutting.

5. MAINTENANCE

- **Cleaning:** Regularly clean sawdust and debris from the saw table, fence, and motor housing. Use a shop vacuum for dust collection.
- **Blade Inspection:** Periodically inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades promptly.
- **Guard System Check:** Ensure the Site-Pro Modular Guarding System operates smoothly and is free from obstructions.
- **Lubrication:** Apply light machine oil to moving parts such as the blade height and bevel mechanisms as

needed to ensure smooth operation.

- **Power Cord Inspection:** Check the power cord for any cuts, fraying, or damage before each use.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power, tripped circuit breaker, faulty switch	Check power connection, reset breaker, contact service if switch is faulty
Blade binds or smokes during cut	Dull blade, misaligned fence, improper feed rate	Replace blade, check fence alignment, reduce feed rate
Inaccurate cuts	Fence not parallel, miter gauge not set correctly, loose blade	Adjust fence, verify miter gauge angle, check blade tightness

7. SPECIFICATIONS

Attribute	Value
Brand	DEWALT
Model Number	DWE7480
Blade Diameter	10 Inches
Power Source	Corded Electric
Motor Amperage	15 Amp
Speed	4800 RPM
Rip Capacity (Right)	24-1/2 inches
Item Weight	53.7 Pounds
Product Dimensions	26.5"L x 25.75"W x 13.88"H
Blade Material	Metal
Special Feature	Brake

8. WARRANTY AND SUPPORT

This DEWALT DWE7480 Table Saw comes with a **3-year limited manufacturer warranty**. For detailed warranty information, service, or support, please refer to the official DEWALT website or contact their customer service.

An official User Manual (PDF) is available for download: [Download User Manual](#)