DEWALT D26500-QS

DeWalt D26500-QS Electric Planer User Manual

Model: D26500-QS

1. Introduction

This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DeWalt D26500-QS Electric Planer. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage. Keep this manual in a safe place for future reference.

2. General Safety Instructions

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating noisy tools. Dress properly; avoid loose clothing or jewelry. Secure long hair. Stay alert and use common sense.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Planer Safety:**
  - Ensure the workpiece is securely clamped.
  - Keep hands away from the planing area and the rotating cutter block.
  - Check the workpiece for nails or other foreign objects before planing.
  - Always wait for the cutter to stop completely before setting the tool down.

3. Product Overview

The DeWalt D26500-QS is a powerful electric planer designed for efficient material removal and smooth finishes. Key features include:

- 1050W motor for demanding applications.
- High no-load speed of 13,500 RPM for fast material removal.
- Maximum cutting depth of 4 mm.
- Rebate depth capacity of 25 mm.
- Planing width of 82 mm.
- Three different chamfering groove sizes for edge work.
- Rotary planer drum for excellent finishes.
- Rubberized handles for enhanced comfort and control, reducing slippage.

3.1. Components and Features



Figure 1: Front view of the DeWalt D26500-QS Electric Planer, showing the depth adjustment knob and main handle.



Figure 2: The electric planer equipped with its parallel guide for consistent edge planing.



Figure 3: The planer with the dust collection bag attached to the chip ejection port, demonstrating dust management.



Figure 4: Underside view of the planer, highlighting the planing base and the rotating cutter block with blades.

4. Setup

4.1. Blade Installation and Adjustment

Ensure the planer is unplugged before performing any blade adjustments or changes.

1. Locate the blade clamping screws on the cutter block.
2. Loosen the screws using the appropriate tool.
3. Carefully remove the old blades. Handle blades with extreme caution as they are very sharp.
4. Insert new blades, ensuring they are seated correctly and flush with the planer shoe.
5. Tighten the clamping screws securely.
6. Verify that both blades are at the same height to ensure a smooth cut.

4.2. Dust Collection Setup

For a cleaner work environment, attach the dust collection bag or a vacuum system to the chip ejection port.

- Identify the chip ejection port on the side of the planer.
- Slide the dust bag or vacuum hose adapter onto the port until it is securely fastened.

- Empty the dust bag regularly to maintain optimal dust collection efficiency.

4.3. Depth Adjustment

The planing depth can be adjusted using the knob located at the front of the tool.

- Rotate the depth adjustment knob to select the desired cutting depth, indicated by the scale.
- Start with a shallow depth setting and make test cuts on scrap material to achieve the desired finish and material removal rate.
- The maximum cutting depth is 4 mm. Avoid exceeding this to prevent motor overload and ensure safety.

5. Operating Instructions

Before starting, ensure your workpiece is stable and securely clamped. Wear appropriate personal protective equipment.

5.1. General Planing

1. Plug in the planer.
2. Hold the planer firmly with both hands, ensuring a balanced stance.
3. Place the front shoe of the planer flat on the workpiece, ensuring the blades are not touching the material.
4. Start the motor by pressing the trigger switch. Allow the motor to reach full speed before engaging the blades with the workpiece.
5. Apply steady, even pressure and move the planer smoothly across the workpiece. Maintain consistent speed for a uniform finish.
6. At the end of the pass, ensure the rear shoe is fully supported on the workpiece before lifting the tool.
7. Release the trigger switch and wait for the blades to stop completely before setting the tool down.



Figure 5: A user demonstrating the use of the electric planer with a parallel guide for precise edge planing on a wooden beam.

5.2. Using the Rebate Depth

The planer can create rebates (rabbets) up to 25 mm deep. Attach the parallel guide for accurate rebate cuts.

- Adjust the parallel guide to the desired rebate width.
- Set the planing depth. For deep rebates, make multiple passes, gradually increasing the depth.
- Guide the planer along the edge of the workpiece, keeping the parallel guide firmly against the side.

5.3. Chamfering Grooves

The front shoe of the planer features three V-grooves of different sizes for chamfering edges.

- Select the appropriate V-groove for the desired chamfer size.
- Rest the selected V-groove on the edge of the workpiece.
- Start the planer and move it smoothly along the edge to create a consistent chamfer.



Figure 6: A user operating the electric planer with the dust bag attached, demonstrating effective chip collection during use.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your DeWalt D26500-QS planer. Always unplug the tool before any maintenance.

6.1. Cleaning

- After each use, clean the planer thoroughly. Remove all wood chips and dust from the motor vents, chip ejection port, and around the cutter block.
- Use a soft brush or compressed air for cleaning. Do not use solvents or abrasive cleaners.
- Inspect the power cord for any damage.

6.2. Blade Replacement

Dull or damaged blades will result in poor planing performance and can strain the motor. Replace blades as described in Section 4.1. Always use genuine DeWalt replacement blades.

6.3. General Inspection

- Periodically check all screws and fasteners for tightness.
- Inspect the carbon brushes if the motor performance degrades. This typically requires professional service.

7. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, contact an authorized service center.

Problem	Possible Cause	Solution
Planer does not start.	No power supply; faulty switch; damaged cord.	Check power outlet and cord. Ensure switch is fully engaged. If problem persists, seek professional service.
Poor surface finish (e.g., ripples, tear-out).	Dull or damaged blades; uneven blade height; too deep a cut; inconsistent feed rate.	Replace or sharpen blades. Adjust blade height. Reduce cutting depth. Maintain a steady feed rate.
Excessive vibration or noise.	Loose blades; damaged bearings; foreign object in cutter block.	Check blade tightness. Inspect cutter block for obstructions. If problem persists, seek professional service.
Motor overheats.	Overloading the tool; blocked ventilation slots.	Reduce cutting depth. Clear ventilation slots. Allow tool to cool down.

8. Specifications

Feature	Specification
Model Number	D26500-QS
Power Input	1050 W
No Load Speed	13,500 RPM
Maximum Cutting Depth	4 mm
Rebate Depth	25 mm
Planing Width	82 mm
Base Length	320 mm
Drum Diameter	64 mm
Weight	4.0 kg
Tool Length	320 mm
Tool Height	180 mm
Voltage	230 Volts
Amperage	4 Amperes
Included Components	DeWalt D26500-QS Planer

9. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official DeWalt website. For technical support, service, or replacement parts, contact your local authorized DeWalt service center or dealer. Always provide the model number (D26500-QS) when seeking assistance.
You can find more information and contact details on the officialDEWALT Brand Store.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

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