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› [DEWALT Benchtop Planer, 15-Amp, 12-1/2-Inch, 3-Knife Cutter, 20,000 RPM, Corded \(DW734\) Instruction Manual](#)

DEWALT DW734

DEWALT DW734 Benchtop Planer Instruction Manual

15-Amp, 12-1/2-Inch, 3-Knife Cutter, 20,000 RPM, Corded

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DEWALT DW734 Benchtop Planer. Please read all instructions carefully before use to ensure optimal performance and user safety.

2. SAFETY INFORMATION

Always wear appropriate personal protective equipment, including eye protection, hearing protection, and a dust mask, when operating the planer. Ensure the work area is clean, well-lit, and free from obstructions. Disconnect power before performing any maintenance or adjustments. Keep hands clear of the cutter head at all times.

3. PRODUCT OVERVIEW

The DEWALT DW734 is a powerful 12-1/2-inch thickness planer designed for managing large, deep cuts in hardwood. Its robust 15-Amp, 20,000 RPM motor and three-knife cutter head deliver a fine finish with 96 cuts per inch.

Key Features:

- **Powerful Motor:** 15-Amp, 20,000 RPM motor for demanding applications.
- **Three-Knife Cutter Head:** Provides 96 cuts per inch for a smooth finish.
- **Disposable, Reversible Knives:** Offers 30% more knife life and simplifies knife changes.
- **Four-Column Carriage Lock:** Minimizes movement to reduce snipe.
- **Extra-Long Infeed and Outfeed Tables:** Provides 33-1/2 inches of material support.
- **Material Removal Gauge:** Delivers accurate cuts with every pass.
- **Turret Depth Stop:** Allows easy return to frequently used depths.



Figure 1: Front view of the DEWALT DW734 Benchtop Planer.

A photograph of a man with a beard and glasses using a DeWalt 12-1/2 in. thickness planer. He is wearing a dark shirt and is focused on the task. The planer is yellow and silver, with a three-knife cutter-head. It has an infeed table and an outfeed table extended. The background shows a workshop with various tools and equipment. The text overlay on the right side of the image reads: "12-1/2 IN. THICKNESS PLANER WITH THREE KNIFE CUTTER-HEAD".

**12-1/2 IN.
THICKNESS PLANER
WITH THREE KNIFE CUTTER-HEAD**

Powered by a 15 Amp motor, this portable planer specializes in large, deep cuts in hardwood.

Figure 2: The planer with its extra-long infeed and outfeed tables extended for material support.

4. SETUP

4.1 Unpacking and Inspection

Carefully remove the planer from its packaging. Inspect the unit for any damage that may have occurred during shipping. Ensure all components listed in the packing list are present.

4.2 Mounting the Planer

For stable operation, it is recommended to mount the planer securely to a workbench or a dedicated stand. Use appropriate bolts and ensure the mounting surface is level and sturdy.

4.3 Dust Collection

The DW734 includes a dust hood. Connect a suitable dust collection system (e.g., a shop vacuum with a 4-inch hose) to the dust hood to manage wood chips and sawdust during operation. Proper dust collection is crucial for maintaining a clean workspace and for user safety.



Figure 3: Rear view of the planer, highlighting the dust collection port.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Cutting Depth

1. Unlock the carriage by lifting the headlock bar.
2. Use the crank handle on top of the unit to raise or lower the cutter head to the desired thickness. The height scale on the side indicates the current setting.
3. Utilize the material removal gauge to determine the amount of material that will be removed with each pass.
4. For repetitive cuts, use the turret depth stop to quickly return to frequently used depths.
5. Once the desired depth is set, depress the headlock bar to engage the carriage lock, securing the cutter head in place.



Figure 4: Side view illustrating the height adjustment crank and scale.



**TURRET DEPTH STOP ALLOWS
USER TO EASILY RETURN TO THEIR
MOST FREQUENTLY USED DEPTHS.**

Figure 5: Close-up of the material removal gauge, indicating the depth of cut.



PLANERS & JOINERS

**DEWALT WOODWORKING PLANERS AND JOINERS GIVE
YOU THE POWER TO COMPLETE ANY WOODWORKING JOB.**

Figure 6: The turret depth stop for quick and repeatable depth settings.

5.2 Planing Material

1. Turn on the planer using the power switch.
2. Feed the workpiece into the infeed table, ensuring it is flat against the table and centered.
3. The planer's feed rollers will automatically pull the material through the cutter head.
4. Catch the planed material as it exits the outfeed table.
5. For best results, take multiple shallow passes rather than one deep pass.

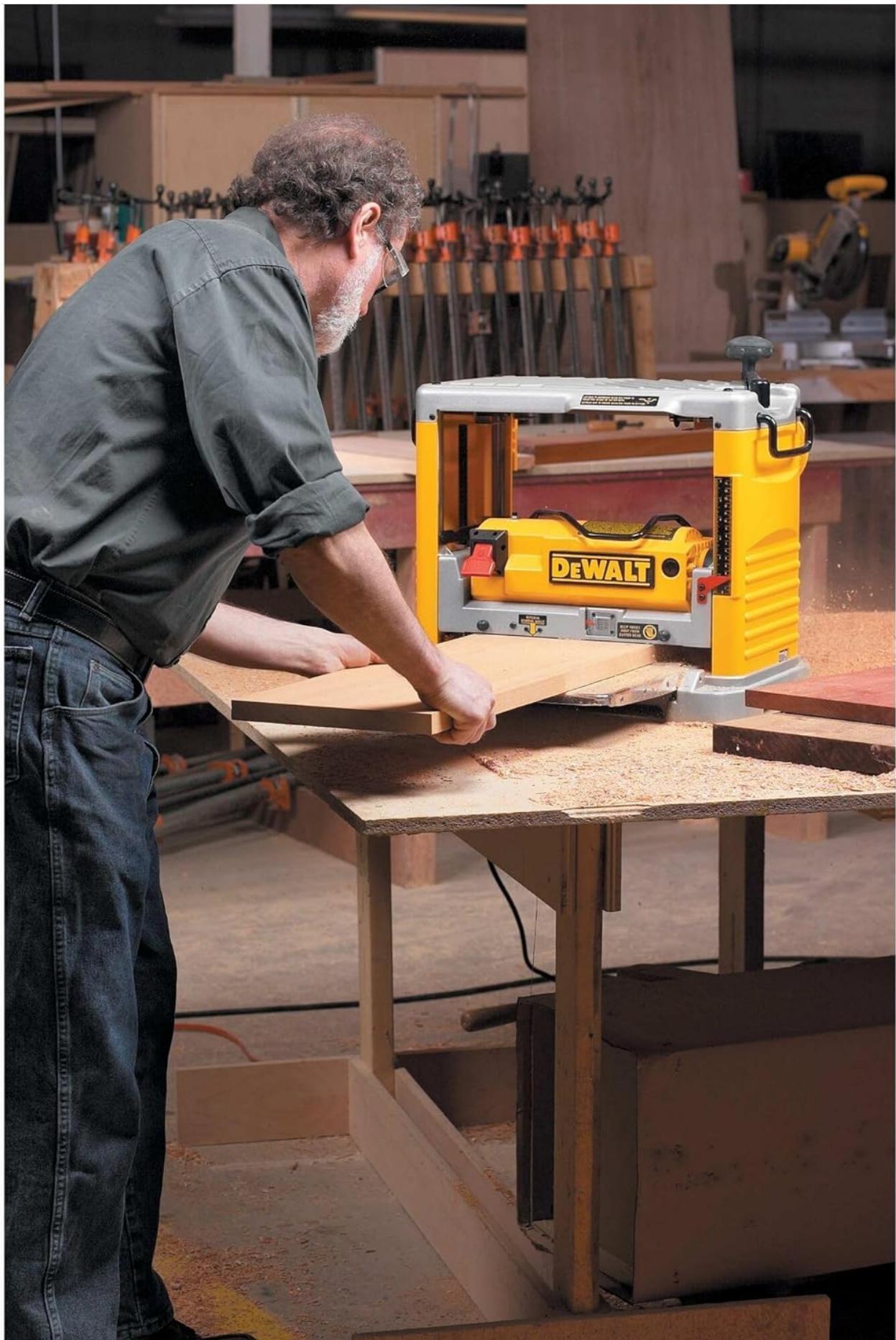


Figure 7: A user feeding a wooden board into the planer.

6. MAINTENANCE

6.1 Knife Replacement

The DW734 uses disposable, reversible knives that offer extended life. Refer to the detailed instructions in the full product manual for safe and proper knife replacement procedures. Always disconnect the planer from power before changing knives.

6.2 Cleaning

Regularly clean the planer, especially the infeed and outfeed tables and the dust collection system, to prevent buildup of wood chips and resin. This ensures smooth operation and prolongs the life of the machine.

7. TROUBLESHOOTING

If you encounter any issues with your DEWALT DW734 planer, refer to the troubleshooting section in the comprehensive product manual. Common issues may include snipe, dull knives, or feed problems. Ensure proper setup and maintenance are followed.

8. SPECIFICATIONS

Specification	Value
Brand	DEWALT
Model Number	DW734
Power Source	Corded Electric
Amperage	15 Amps
Maximum Rotational Speed	20000 RPM
Cutting Depth	0.13 Inches
Product Dimensions	23.38" L x 16.52" W x 20.48" H
Item Weight	79.8 pounds (36.29 Kilograms)
Material	Metal
Included Components	(1) Dust hood
Voltage	120V
UPC	028875207348

9. WARRANTY AND SUPPORT

DEWALT offers a Three-Year Limited Warranty. DEWALT will repair, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit www.dewalt.com or call 1-800-4-DEWALT (1-800-433-9258). This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

