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VEVOR 1

VEVOR Power Benchtop Planer User Manual

Model: 1 | Brand: VEVOR

1. Safety Instructions

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Eye Protection:** Always wear ANSI-approved safety goggles or a face shield.
- **Hearing Protection:** Use earplugs or earmuffs to protect against noise-induced hearing loss.
- **Respiratory Protection:** Wear a dust mask, especially when working with wood that produces fine dust.
- **Proper Attire:** Avoid loose clothing, jewelry, and long hair that can get caught in moving parts.
- **Work Area:** Keep the work area clean, well-lit, and free of clutter. Ensure adequate space around the planer.
- **Material Handling:** Securely support workpieces. Never force material into the planer.
- **Unplug Before Maintenance:** Always disconnect the power supply before performing any adjustments, maintenance, or blade changes.
- **Overload Protection:** The unit is equipped with a 20A over-current protector. If the motor stops, reduce the load and allow it to cool before restarting.

2. Product Overview

The VEVOR Power Benchtop Planer is designed for efficient and precise wood material removal, featuring a robust motor and user-friendly adjustments.

Key Features:

- **High-quality 13" Widened Worktable:** Capable of planing boards up to 6" thick and 13" wide. Features easily adjusted tables and extensions for coplanar with table pull-out extensions, providing 35" of total length for enhanced long stock support. Precision machined cast iron bed and steel plate ensure board flatness.
- **High-precision Three-Knife Cutter:** Equipped with a quick-change, solid steel three-knife cutter head for smooth and consistent performance. Blades are quenched and hardened to HRC55-60 for durability.
- **Two Speeds:** Offers two feed speeds (24 f/m for quick planing, 15 f/m for smooth finish) to optimize cuts based on

wood type and desired finish.

- **Unstoppable 2000W Motor:** A 23500 rpm motor delivers a fine finish. Includes a built-in 20A over-current protector for safety.
- **Low Dust Planing:** Features a vacuum port for convenient dust collection, expelling chips from the machine and reducing cleanup.

Product Components:



Overall view of the VEVOR Power Benchtop Planer.



The 13-inch widened worktable with extended infeeding tables for better material support.



Illustration of the high-precision three-knife cutter head for smooth planing.



Detail of the two-speed control switch, allowing selection between fast and slow feed rates.



The integrated dust collection port for efficient chip removal.

3. Setup

Before operating the planer, ensure it is properly set up and secured.

1. **Unpacking:** Carefully remove the planer and all accessories from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the planer on a stable, level workbench or stand capable of supporting its weight (approximately 62 lbs). Ensure sufficient space for feeding and receiving material.
3. **Secure Mounting:** For optimal stability and safety, it is recommended to securely mount the planer to your workbench using appropriate fasteners.
4. **Extend Worktables:** Pull out the infeeding and outfeeding table extensions to their full length (totaling 35 inches) to provide adequate support for longer workpieces. Ensure they are coplanar with the main table.
5. **Dust Collection:** Connect a shop vacuum or dust collector to the integrated vacuum port. This is crucial for efficient chip removal and maintaining a clean workspace.
6. **Power Connection:** Connect the planer to a grounded power outlet. Ensure the power supply matches the requirements specified on the product label.

4. Operating Instructions

Follow these steps for safe and effective planing operations.

1. **Material Preparation:** Ensure your workpiece is free of nails, screws, or other foreign objects that could damage the blades.
2. **Adjust Depth of Cut:** Use the thickness adjustment crank to set the desired cutting depth. Refer to the material removal gauge and extra-large thickness scale for accurate settings. Avoid taking excessively deep cuts, especially on hard materials, to prevent motor overload and ensure a smooth finish.
3. **Select Speed:** Choose between the two available speeds using the speed selector switch. The faster speed (24 f/m) is suitable for quick material removal, while the slower speed (15 f/m) is ideal for achieving a smoother finish on figured stock with minimal tear-out.
4. **Power On:** Turn on the planer using the main power switch. Allow the motor to reach full speed before feeding material.
5. **Feed Material:** Carefully feed the workpiece into the infeeding table, ensuring it is flat against the table and guided straight into the cutter head. The automatic feed rollers will pull the material through.
6. **Support Workpiece:** Maintain support for the workpiece as it exits the outfeeding table to prevent snipe (uneven cuts at the ends of the board).
7. **Multiple Passes:** For significant material removal, make several shallow passes rather than one deep pass. This extends blade life and improves cut quality.
8. **Power Off:** Once planing is complete, turn off the planer and wait for all moving parts to come to a complete stop before clearing any chips or performing maintenance.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your planer.

- **Blade Inspection and Replacement:** Regularly inspect the three-knife cutter head for sharpness and damage. Replace dull or chipped blades promptly to maintain cut quality and prevent motor strain. Refer to the user manual for specific blade replacement procedures.
- **Cleaning:** After each use, clear all wood chips and dust from the planer, especially around the cutter head, feed rollers, and dust collection port. Accumulated debris can affect performance and lead to clogging.
- **Lubrication:** Periodically lubricate moving parts, such as the height adjustment screws and feed roller mechanisms, according to the manufacturer's recommendations in the full user manual.
- **General Inspection:** Check all fasteners for tightness. Inspect the power cord for any damage. Ensure all safety guards are in place and functioning correctly.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Motor trips breaker / stops during operation	Overload (too deep a cut, hard material), dull blades, insufficient power supply.	Reduce depth of cut. Sharpen or replace blades. Ensure dedicated circuit or adequate power supply. Allow motor to cool.

Problem	Possible Cause	Solution
Material not feeding smoothly	Feed rollers are dirty or worn, material is warped, excessive depth of cut.	Clean feed rollers. Ensure material is flat. Reduce depth of cut.
Uneven cuts / Snipe	Insufficient support for workpiece, dull blades, table extensions not coplanar.	Provide adequate infeed/outfeed support. Sharpen/replace blades. Adjust table extensions to be coplanar.
Excessive dust/chips	Dust collection port clogged, dust collector not connected or insufficient.	Clear dust collection port. Ensure dust collector is properly connected and has sufficient suction.

7. Specifications

Specification	Value
Brand	VEVOR
Material	Metal, Aluminum Alloy
Color	Black
Product Dimensions (L x W x H)	27.4" x 20.7" x 18.9"
Item Weight	62 Pounds (28 kg)
Style	2-Speed Planer 2000W
Power Source	AC
Cutting Depth	0.3 Centimeters (1/8 inch)
Included Components	Blade
Cutting Width	13 Inches
Maximum Rotational Speed	23500 RPM
UPC	840281562183
Manufacturer	VEVOR
Part Number	Wood Planer 3 Blades
Item Model Number	1
Size	13inch
Item Package Quantity	1
Batteries Required?	No

Specification	Value
First Available	January 19, 2023

8. Warranty and Support

VEVOR is committed to providing quality products and customer support.

- **Return Policy:** This product is eligible for 30-day easy returns.
- **Protection Plans:** Extended protection plans are available for purchase, including 3-Year, 4-Year, and Complete Protect options.
- **Customer Support:** For assistance, please contact VEVOR customer support.
- **User Manual (PDF):** A detailed PDF user manual is available for download:Download User Manual
- **VEVOR Store:** Visit the official VEVOR store for more products and information:VEVOR Store on Amazon

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