

VEVOR HBS250

VEVOR 10-Inch Two-Speed Benchtop Band Saw HBS250 Instruction Manual

Model: HBS250

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, and maintenance of your VEVOR 10-Inch Two-Speed Benchtop Band Saw HBS250. Please read and understand all instructions before operating the machine to ensure personal safety and optimal performance.





Figure 1: VEVOR 10-Inch Two-Speed Benchtop Band Saw HBS250 with Stand

2. SAFETY INFORMATION

WARNING: Always follow basic safety precautions to reduce the risk of fire, electric shock, and serious personal injury.

- **Wear Eye Protection:** Always wear safety goggles or safety glasses with side shields.
- **Wear Hearing Protection:** Use earplugs or earmuffs during operation.
- **Keep Work Area Clean:** Cluttered areas invite accidents.
- **Avoid Dangerous Environment:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Keep Children Away:** All visitors should be kept a safe distance from the work area.
- **Secure Workpiece:** Always use clamps or a vise to hold the workpiece.
- **Maintain Tools With Care:** Keep cutting tools sharp and clean for better and safer performance.

- **Disconnect Power:** Always disconnect the power plug from the power source before making any adjustments, changing accessories, or storing the tool.
- **Use Correct Tool:** Do not force small tools or attachments to do the job of a heavy-duty tool.
- **Check for Damaged Parts:** Before using any tool, any part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts of your VEVOR Band Saw for proper operation and maintenance.

3.1 Key Features

- **Two-Speed Operation:** Allows for efficient cutting of various materials.
- **Tilting Cast Iron Table:** Provides stability and allows for angled cuts.
- **360° LED Work Light:** Illuminates the cutting area for improved visibility.
- **Adjustable Fence and Miter Gauge:** Enhances cutting precision.

3.2 Components

The VEVOR HBS250 Band Saw includes the following main components:

- Band Saw Unit
- Stand
- Miter Gauge
- Fence
- Work Light
- Blade (pre-installed or included separately)



Item Model Number: HBS250	Type: Benchtop Band Saw
Rated Voltage/Frequency: AC 220–230V 50Hz (EU Plug)	
Rated Current: 1.7A (EU)	No-Load Current: 1.2A (EU)
Rated Power: 373W/0.5HP	No-Load Power: 211W(EU)
Maximum Cutting Width: 10 in/254 mm	
Maximum Cutting Height: 6 in/160 mm	
Blade Length: 72 in/1832 mm	Blade Width: 0.5 in/12.7 mm
Work Table Size: 13.2 × 13.4 in/335 × 340 mm	
Net Weight: 72.18 lbs/32.74kg	
Product Dimensions: 23.62 x 19.69 x 62.2in/600 x 500 x 1580 mm	

Figure 2: VEVOR Band Saw HBS250 Dimensions

4. SETUP

4.1 Stand Assembly

Assemble the stand according to the included hardware and instructions. Ensure all bolts are securely tightened for stability.

4.2 Band Saw Unit Installation

Carefully mount the band saw unit onto the assembled stand. Secure it using the provided fasteners. Verify that the unit is stable and level.

4.3 Blade Installation/Adjustment

1. Ensure the power is disconnected.
2. Open the blade covers.
3. Carefully place the blade around the wheels, ensuring the teeth are pointing downwards towards the table.
4. Adjust the blade tension using the tension knob until the blade is taut but not overly stressed.
5. Adjust the blade guides to ensure the blade runs smoothly and is properly supported.
6. Close the blade covers securely.

4.4 Miter Gauge and Fence Installation

Insert the miter gauge into the slot on the table. Position the fence as needed for straight cuts and secure it in place.



Figure 3: Miter Gauge and Fence on Cast Iron Table

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Connect the power cord to a suitable electrical outlet. The machine is equipped with a main power switch and an emergency stop button. Press the main power switch to turn on the machine. In case of emergency, press the emergency stop button to immediately cut power.

5.2 Speed Adjustment

The VEVOR HBS250 features two speeds for optimal cutting performance:

- **Low Speed:** Ideal for cutting harder materials.
- **High Speed:** Suitable for softer materials.

Refer to the speed selection guide on the machine or in the specifications section for recommended speeds based on material type.

0.5 HP Woodworking Band Saw

Ideal for Beginners and DIY Woodworkers

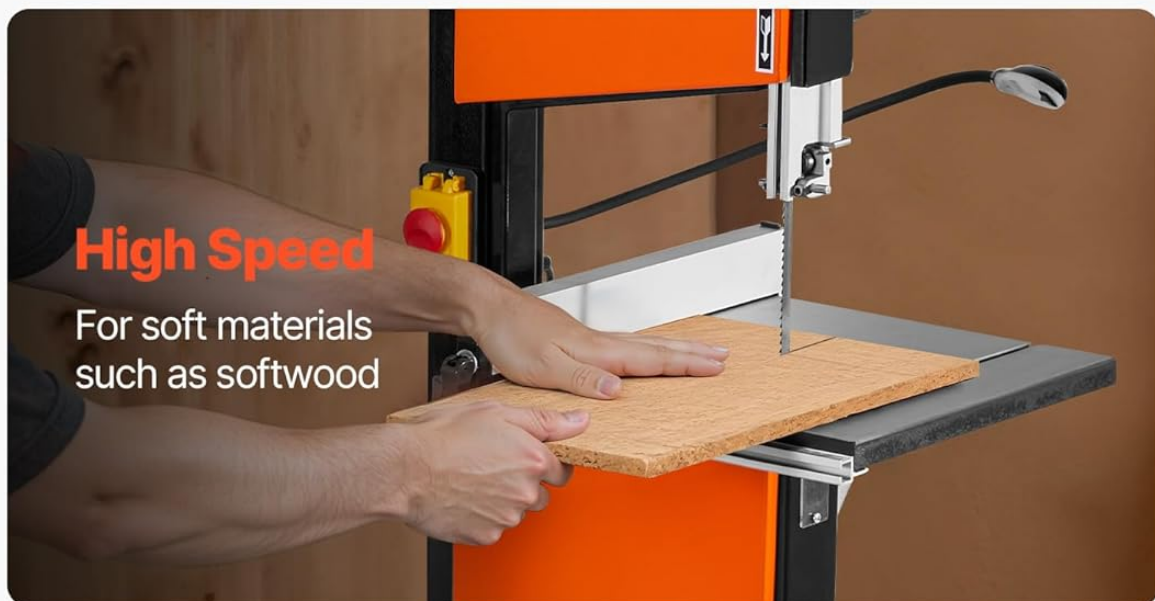
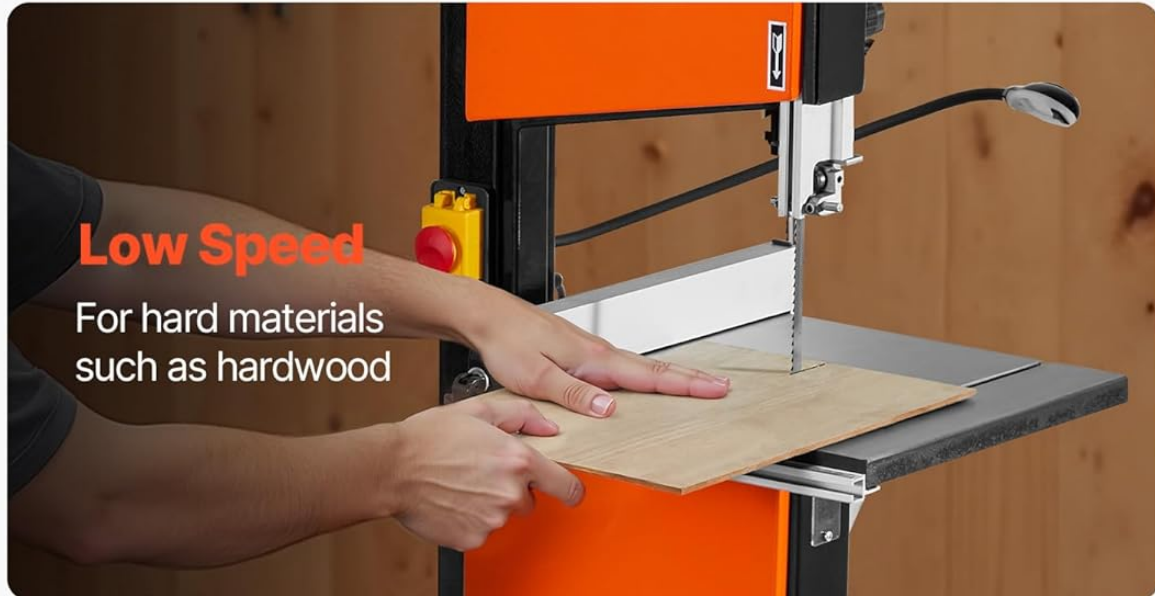


Figure 4: Two-Speed Operation for Different Materials

5.3 Cutting Operations

The band saw can perform various cuts:

- **Straight Cuts:** Use the fence to guide the workpiece for precise straight cuts.
- **Curved Cuts:** Guide the workpiece freehand for curved shapes.
- **Bevel Cuts:** Adjust the table tilt for angled cuts. The table can tilt 5° left and 45° right.

VEVOR
Efficient. Reliable.
Smart Investment.

Model: VEVOR-2022-001
Max. cutting width: 1200mm
Max. cutting length: 3000mm
Max. cutting depth: 150mm
Max. cutting speed: 120mm/min
Max. cutting thickness: 15mm
Max. cutting angle: 5°/45°

5° Left, 45° Right Tilting Table

Master complex & multi-angle cuts

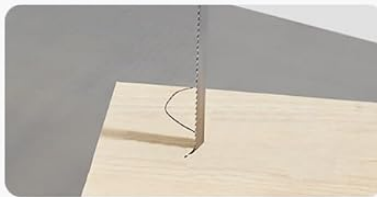
✓ Flexible Angle Control

5°

45°



Straight



Curved



Beveled

Figure 5: Tilting Table for Multi-Angle Cuts

5.4 Work Light Usage

Activate the integrated 360° LED work light to illuminate the cutting area, reducing shadows and improving visibility for accurate cuts.

360° Surround LED Work Light

Clear, shadow-free visibility from every angle



- ✓ Secure
- ✓ Accurate

Figure 6: 360° LED Work Light in Operation

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your band saw.

- **Blade Replacement:** Replace dull or damaged blades promptly. Follow the blade installation steps in Section 4.3.
- **Cleaning:** Regularly clean sawdust and debris from the machine, especially around the blade, guides, and

motor vents. Use compressed air or a brush.

- **Lubrication:** Periodically lubricate moving parts as indicated in the detailed product manual (if applicable).
- **Inspection:** Before each use, inspect the power cord, blade, and all moving parts for any signs of wear or damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your band saw.

- **Machine Does Not Start:**
 - Check if the power cord is securely plugged in.
 - Ensure the main power switch is ON.
 - Verify that the emergency stop button is not engaged.
 - Check the circuit breaker or fuse.
- **Blade Drifts or Cuts Unevenly:**
 - Check blade tension; it might be too loose.
 - Inspect blade guides for proper alignment and wear.
 - Ensure the blade is sharp and free of damage.
 - Verify the fence is securely locked and parallel to the blade.
- **Excessive Vibration or Noise:**
 - Check blade tension and ensure it is correctly installed.
 - Inspect blade for damage or bent teeth.
 - Ensure all mounting bolts for the saw and stand are tight.

If the issue persists after troubleshooting, contact VEVOR customer support.

8. SPECIFICATIONS

Feature	Specification
Item Model Number	HBS250
Type	Benchtop Band Saw
Rated Power	373W / 0.5HP
Maximum Cutting Width	10 in / 254 mm
Maximum Cutting Height	6 in / 160 mm
Blade Length	72 in / 1832 mm
Blade Width	0.5 in / 12.7 mm
Work Table Size	13.2 x 13.4 in / 335 x 340 mm
Net Weight	72.18 lbs / 32.74 kg

Product Dimensions	23.62 x 19.69 x 62.2 in / 600 x 500 x 1580 mm
Power Source	Corded Electric
Blade Material	Metal

9. WARRANTY AND SUPPORT




VEVOR products are designed for durability and performance. For warranty information or technical support, please refer to the official VEVOR website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.



Customer Support: For assistance, please visit the [VEVOR Store on Amazon](#) or the official VEVOR website.



© 2025 VEVOR. All rights reserved.

Related Documents - HBS250

 <p>VEVOR TOUGH TOOLS, HALF PRICE Technical Support and 3-Year Warranty Certificate TABLE SAW MITER GAUGE ITEM NO. N-1122A, TN-1122B, N-1122C, TN-1122D</p>	<p>VEVOR Table Saw Miter Gauge: Model N-1122A, TN-1122B, N-1122C, TN-1122D - Calibration and Safety Guide</p> <p>Comprehensive guide for the VEVOR Table Saw Miter Gauge, covering safety instructions, calibration steps, fence and flip stop installation, and SKU details. Includes model numbers N-1122A, TN-1122B, N-1122C, TN-1122D.</p>
 <p>VEVOR Affordable. Reliable. Home Improvement. Wood Band Saw (With stand) MODEL HBS250</p>	<p>VEVOR HBS250 Wood Band Saw User Manual and Safety Instructions</p> <p>Comprehensive user manual and safety instructions for the VEVOR HBS250 Wood Band Saw with stand, covering operation, assembly, maintenance, and troubleshooting.</p>
 <p>VEVOR Affordable. Reliable. Home Improvement. Wood Band Saw MODEL HBS250</p>	<p>VEVOR HBS250 Wood Band Saw User Manual and Safety Guide</p> <p>Comprehensive user manual for the VEVOR HBS250 Wood Band Saw, covering safety instructions, operation, assembly, maintenance, troubleshooting, and technical specifications.</p>

<div data-bbox="135 138 290 188">VEVOR <small>Affordable. Reliable. Home Improvement.</small></div> <div data-bbox="170 217 255 244"><p>Wood Band Saw MODEL:HBS250</p></div> <div data-bbox="126 286 298 329"><div>VEVOR Support Center</div></div>	<p>VEVOR Wood Band Saw HBS250 User Manual and Safety Guide</p> <p>Comprehensive user manual for the VEVOR Wood Band Saw, Model HBS250. This guide provides detailed instructions on safety, operation, assembly, adjustments, maintenance, troubleshooting, and technical specifications for the woodworking tool.</p>
<div data-bbox="135 712 290 761">VEVOR <small>Affordable. Reliable. Home Improvement.</small></div> <div data-bbox="165 784 258 815"><p>Wood Band Saw MODEL:HBS250</p></div> <div data-bbox="126 855 298 898"><div>VEVOR Support Center</div></div>	<p>VEVOR HBS250 Wood Band Saw User Manual</p> <p>Comprehensive user manual for the VEVOR HBS250 Wood Band Saw, detailing safety, operation, assembly, maintenance, and troubleshooting for woodworking.</p>
<div data-bbox="135 1030 290 1079">VEVOR <small>Affordable. Reliable. Home Improvement.</small></div> <div data-bbox="165 1099 258 1131"><p>Wood Band Saw MODEL:HBS250</p></div>	<p>VEVOR HBS250 Wood Band Saw User Manual and Instructions</p> <p>Detailed user manual and safety guide for the VEVOR HBS250 Wood Band Saw. Learn about safe operation, maintenance, troubleshooting, and technical specifications for woodworking applications.</p>