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VEVOR GZB88096

VEVOR Mobile Base GZB88096 Instruction Manual

Model: GZB88096

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your VEVOR Mobile Base, Model GZB88096. This heavy-duty universal mobile base is designed to provide mobility for various woodworking equipment, power tools, and machines, with an adjustable size and a weight capacity of 400 lbs (181.4 kg). Please read this manual thoroughly before use to ensure safe and efficient operation.



Image 1.1: Overview of the VEVOR Mobile Base GZB88096.

2. Safety Instructions

Always follow basic safety precautions when using this mobile base to reduce the risk of injury or damage. Keep this manual for future reference.

- **Read Instructions:** Read and understand all instructions before assembling and using the mobile base.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 400 lbs (181.4 kg). Overloading can cause instability and damage.
- **Stable Surface:** Always operate the mobile base on a flat, level, and stable surface.
- **Lock Wheels:** Ensure all wheels are locked when the equipment is in a stationary position to prevent accidental movement.
- **Secure Equipment:** Ensure the equipment mounted on the mobile base is securely fastened to the wooden platform.
- **Inspect Before Use:** Before each use, inspect the mobile base for any signs of damage, loose fasteners, or worn components. Do not use if damaged.
- **Children and Pets:** Keep children and pets away from the mobile base and mounted equipment during operation.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment (PPE) when handling heavy equipment or tools.

3. Package Contents

Verify that all components are present and undamaged upon opening the package. If any parts are missing or damaged, contact VEVOR customer support.

- 1 x Mobile Base Frame Components
- 1 x Accessory Kit (includes various bolts, nuts, and washers)



Image 3.1: Included components of the mobile base.

4. Specifications

Feature	Specification
Model Number	GZB88096
Load Capacity	400 lbs (181.4 kg)
Material	Q235 Carbon Steel
Adjustable Minimum Size	9.5" x 9.5" (241.3 x 241.3 mm)
Suitable Board Thickness	0.5" - 1.5" (12.7 - 38.1 mm)
Wheel Type	Caster (2 directional, 2 swivel)
Wheel Diameter	3" (76 mm) for directional wheels
Swivel Wheel Diameter	2.5" (63 mm) for swivel wheels
Product Weight	11.68 lbs (5.3 kg)
Product Dimensions (L x W x H)	42L x 18W x 10H Centimetres (approximate, depends on configuration)



Image 4.1: Detailed specifications and included hardware.

5. Setup and Assembly

The VEVOR Mobile Base is designed for straightforward assembly. A wooden platform (not included) is required to complete the mobile base. Ensure the chosen board is between 0.5" and 1.5" thick and sized appropriately for your equipment.

1. **Prepare the Board:** Obtain a sturdy wooden board (plywood recommended) of suitable dimensions for your equipment. The mobile base is adjustable to accommodate various board sizes.
2. **Mark the Holes:** Position the mobile base corner brackets on the corners of your wooden board. Use a pencil to mark the drilling points for the mounting screws.
3. **Drill Holes:** Carefully drill pilot holes at the marked locations. Ensure the drill bit size is appropriate for the screws to prevent splitting the wood.
4. **Install Casters:** Attach the caster assemblies to the marked corners of the board using the provided screws and hardware. Ensure they are securely fastened.

5. **Tighten Screws:** Double-check and tighten all screws to ensure the mobile base components are firmly attached to the wooden platform.
6. **Adjust Size (if necessary):** The mobile base is adjustable. If your board is larger than the minimum size, ensure the corner brackets are positioned correctly and securely fastened to support the board's edges.

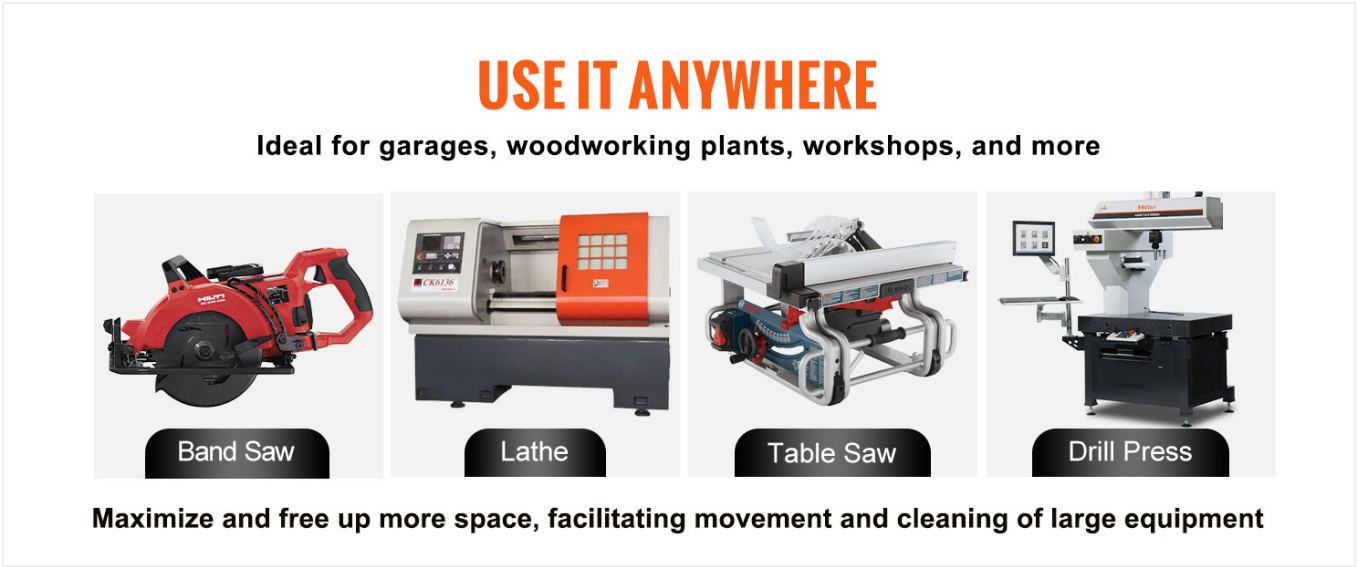


Image 5.1: Assembly steps for the mobile base.



Image 5.2: Customizing the mobile base to fit various board sizes.

6. Operating Instructions

Once assembled and your equipment is securely mounted, the mobile base provides easy mobility.

- **Moving Equipment:** To move your equipment, unlock the swivel wheels by disengaging their locking levers. Gently push or pull the equipment to its desired location.
- **Locking Equipment:** Once the equipment is in position, engage the locking levers on the swivel wheels to prevent unintended movement. The fixed feet on the directional wheels provide additional stability.
- **Adjustable Height Fixed Foot:** The mobile base includes an adjustable height fixed foot. This can be used to fine-tune stability or level the equipment on uneven surfaces.



Image 6.1: Caster wheel design and functions (Lock, Move, Adjustable Height Fixed Foot).



Image 6.2: Examples of versatile use with different types of equipment.

7. Maintenance

Regular maintenance ensures the longevity and safe operation of your VEVOR Mobile Base.

- **Cleaning:** Clean the mobile base regularly with a damp cloth to remove dust and debris. Avoid harsh chemicals that may damage the finish.
- **Inspection:** Periodically inspect all bolts, nuts, and fasteners for tightness. Tighten any loose hardware.
- **Wheel Check:** Check the wheels for wear, damage, or obstructions. Ensure they rotate freely and the locking mechanisms function correctly.
- **Rust Prevention:** The mobile base features a rust-resistant coating. However, avoid prolonged exposure to moisture to prevent corrosion.

8. Troubleshooting

If you encounter issues with your mobile base, refer to the following common troubleshooting tips:

- **Difficulty Moving:**
  - Ensure all wheel locks are disengaged.
  - Check for debris or obstructions around the wheels.
  - Verify that the load does not exceed the 400 lbs capacity.
- **Instability/Wobbling:**
  - Ensure all mounting screws and fasteners are securely tightened.
  - Verify the wooden platform is flat and securely attached to all four corner brackets.
  - Adjust the height of the fixed foot to ensure all points of contact are stable on the floor.
  - Ensure the floor surface is level.
- **Wheels Not Locking:**
  - Inspect the locking mechanism for any damage or obstructions.
  - Clean any debris from the wheel and locking lever area.

If problems persist, contact VEVOR customer support for assistance.

9. Warranty and Support

For warranty information, product support, or to purchase replacement parts, please visit the official VEVOR website or contact their customer service department. Keep your purchase receipt and model number (GZB88096) handy when contacting support.
VEVOR Official Website: www.vevor.com

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