Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

VEVOR 5T

VEVOR 8800 lbs Machine Skate Instruction Manual

Introduction

Welcome to your VEVOR Machine Skate manual. This guide provides essential information for the safe and efficient operation of your 8800 lbs capacity machinery mover. Please read thoroughly before initial use and retain for future reference.

Safety Information

General Safety Guidelines

- Always ensure the load does not exceed the 8800 lbs (3991.6 kg) capacity. Overloading can lead to equipment failure and injury.
- Distribute weight evenly across the skate(s) to maintain stability.
- Inspect the machine skate and its wheels for any signs of damage, cracks, or excessive wear before each use. Do not use damaged equipment.
- Ensure the moving surface is clear of obstructions, debris, and uneven areas. A clean, level surface is crucial for safe operation.
- Wear appropriate personal protective equipment (PPE), including safety gloves and steel-toed shoes, when handling heavy machinery.
- Use a suitable hoisting machine (e.g., hydraulic jack, forklift) to safely lift heavy items for positioning the skate underneath. Never attempt to lift heavy items manually.
- Avoid sudden movements, rapid acceleration, or excessive force when moving loads. Operate with slow, controlled motions.
- Do not use the machine skate on inclined surfaces unless specifically designed for such use and appropriate safety measures (e.g., chocks, additional bracing) are in place.
- Keep hands and feet clear of all moving parts, especially the wheels and the area under the load.

Product Components

The VEVOR Machine Skate is designed for robust performance and consists of the following primary components:

- **Main Dolly Body:** The heavy-duty metal frame that supports the load.

- **PU Swivel Rollers (5x):** Durable polyurethane wheels designed for smooth movement and wear resistance.
- **360° Rotation Cap:** A textured disc on top of the dolly that allows for full directional movement of the load.
- **Two-Stage Handle:** An extendable handle used for steering and pulling the dolly.
- **Connecting Pins and Bolts:** Hardware for assembling the handle and attaching it to the dolly.



Figure 1: VEVOR Machine Skate with labeled dimensions and key components.

Setup Instructions

Handle Assembly

The two-stage handle is provided in separate sections and requires assembly before use. Follow these steps:

1. Align the two main sections of the handle, ensuring the pre-drilled holes match perfectly.
2. Insert the provided bolts through the aligned holes.
3. Secure the bolts with the corresponding nuts. Tighten all connections firmly to prevent any looseness during operation.



Figure 2: Illustration of the two-stage handle assembly process.

Attaching the Handle to the Dolly

Once the handle is assembled, attach it to the machine skate dolly:

1. Insert the lower pin of the assembled handle into the designated attachment slot on the front of the machine skate dolly.
2. Secure the handle in place using the provided cotter pin or locking mechanism. Ensure it is fully engaged and the handle cannot accidentally detach.
3. Verify the handle is firmly attached and does not exhibit excessive wobble before placing any load on the skate.

▶ **Watch video online**
How to install VEVOR Machine Skates with 5 Wheels

Video 1: Detailed demonstration of how to install the handle on the VEVOR Machine Skate.

Operating Instructions

Preparing the Load and Surface

1. Clear the intended path of any obstacles, debris, or uneven surfaces that could impede movement or cause instability.
2. Ensure the floor surface is suitable for the PU wheels, such as cement, tiles, epoxy, or wood. Avoid soft or damaged surfaces.
3. Use a reliable hoisting device (e.g., hydraulic jack, pry bar, forklift) to safely lift the heavy item slightly off the ground, creating enough space to slide the skate underneath.

Positioning the Machine Skate

1. Carefully slide the machine skate(s) under the lifted item. For large or irregularly shaped items, using multiple skates (e.g., one at each corner) is recommended for optimal stability and load distribution.
2. Ensure the item's weight is centered directly on the skate's 360° rotation cap to allow for smooth steering.
3. Slowly and carefully lower the item onto the skate(s), ensuring it is stable and balanced before releasing the hoisting device.

Moving the Load

1. Grasp the handle firmly with both hands.
2. Apply steady, controlled force to pull or push the load in the desired direction. Avoid jerky movements.
3. The 360° rotating cap allows for flexible steering. Adjust the direction of the load by rotating it on the cap as needed.
4. Maintain a clear line of sight and be aware of your surroundings. Avoid sudden stops or sharp turns, which can destabilize the load.



Figure 3: Demonstrating the VEVOR Machine Skate in use for moving a heavy crate.



Figure 4: The 360° rotation cap provides flexible steering for heavy loads.

Maintenance

Regular maintenance is crucial to ensure the longevity, safety, and optimal performance of your VEVOR Machine Skate.

- **Cleaning:** Keep the skate body and wheels clean from dust, dirt, metal shavings, and other debris. A damp cloth can be used for general cleaning. Avoid harsh chemicals that may damage the finish or wheel material.
- **Wheel Inspection:** Periodically check the PU swivel rollers for signs of wear, cracks, flat spots, or damage.

Worn or damaged wheels should be replaced promptly to maintain smooth operation and prevent floor damage.

- **Bearing Check:** Ensure the bearings in the wheels and the 360° rotation cap are functioning smoothly. If they feel stiff or make unusual noises, they may require cleaning and lubrication.
- **Fastener Tightness:** Regularly inspect all bolts, nuts, and pins, especially those on the handle assembly and where the handle connects to the dolly. Tighten any loose fasteners to prevent accidental detachment or instability.
- **Corrosion Prevention:** The powder-coated surface is designed for corrosion resistance. However, avoid prolonged exposure to damp or corrosive environments. If the coating is scratched or chipped, touch up with appropriate paint to prevent rust formation.
- **Storage:** Store the machine skate in a dry, clean environment when not in use to protect it from environmental damage.

Troubleshooting

Common Issues and Solutions

If you encounter any issues while using your VEVOR Machine Skate, refer to the following troubleshooting guide:

- **Issue: Difficulty moving the load.**
  Solution: Verify that the load does not exceed the 8800 lbs capacity. Check if the moving surface is clean and free of obstructions. Ensure all wheels are rotating freely and are not jammed by debris. Lubricate wheel bearings if they appear stiff.
- **Issue: Load instability during movement.**
  Solution: Ensure the load is centered on the skate's rotation cap. If using multiple skates, confirm they are evenly distributed and supporting the load properly. Reduce speed and make smoother, more gradual turns.
- **Issue: Handle detaches or feels loose.**
  Solution: Re-check all handle assembly bolts and nuts for tightness. Ensure the connecting pin to the dolly is fully inserted and secured with its locking mechanism. Replace any worn or damaged pins/fasteners.
- **Issue: Wheels are not rolling smoothly or are making excessive noise.**
  Solution: Inspect wheels for damage or embedded debris. Clean the wheels and axles. Lubricate the wheel bearings if necessary. If wheels are severely worn, consider replacement.

Specifications

Feature	Detail
Brand	VEVOR
Model Number	5T
Material	High-strength Alloy Steel
Color	Yellow
Item Weight	72.8 lbs (33 kg)
Load Capacity	8800 lbs (3991.6 kg)
Number of Wheels	5

Wheel Type	PU Swivel Rollers
Rotation Cap	360° Rotation, Textured Surface, Ø168*t9mm
Handle Operating Height	Approx. 31.5 inches (800 mm)
Max Pull Force	2000N
Product Dimensions (Per Dolly)	53.9 x 17.7 x 4.7 inches (590 x 450 x 120 mm)

Warranty and Support

For detailed warranty information, technical assistance, or to inquire about replacement parts, please refer to the official VEVOR website or contact VEVOR customer service directly. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.
You can visit the VEVOR Official Store for more information:VEVOR Official 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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CB8T7JYJ

More documents and user manuals: **https://manuals.plus/**