

Milwaukee 45136

Milwaukee 45136 Convertible Aluminum Hand Truck User Manual

Model: 45136 | Brand: Milwaukee

1. INTRODUCTION

The Milwaukee 45136 Convertible Aluminum Hand Truck is a versatile material handling solution designed for efficiency and durability. This 2-in-1 unit easily transforms from an upright hand truck to a 4-wheel platform cart, adapting to various load requirements. Constructed with a lightweight yet robust aluminum frame, it offers significant load capacities and resistance to rust and corrosion.

Key features include:

- **Heavy-Duty 2-in-1 Convertible Design:** Transforms from an upright dolly (800 lbs capacity) to a platform cart (1000 lbs capacity) without the need for hitch pins.
- **Durable Lightweight Aluminum Frame:** Provides strength without excessive weight, suitable for various environments.
- **Smooth-Rolling Pneumatic Wheels:** 10-inch air-filled tires absorb shock and navigate uneven surfaces effectively.
- **Ergonomic Dual-Handle Design:** Ensures maximum grip and control during operation and conversion.
- **Extra-Wide 18-inch Toe Plate:** Offers stable support for bulky and oversized loads.

2. SETUP

The Milwaukee 45136 Convertible Aluminum Hand Truck ships fully assembled, ready for immediate use. Upon receiving the product, perform the following initial checks:

1. **Inspect Packaging:** Check for any signs of damage to the shipping carton.
2. **Unpack Carefully:** Remove the hand truck from its packaging.
3. **Visual Inspection:** Examine the frame, wheels, handles, and conversion mechanisms for any visible damage or loose components.
4. **Tire Pressure:** Verify that the pneumatic tires are adequately inflated. Refer to the tire sidewall for recommended pressure.
5. **Functionality Check:** Test the conversion mechanism to ensure smooth operation between the upright and platform cart configurations.





Figure 1: Milwaukee 45136 Hand Truck in Upright Position. This image displays the hand truck in its standard two-wheel upright configuration, ready for vertical load transport.

3. OPERATING INSTRUCTIONS

3.1. Upright Hand Truck Mode

In its upright configuration, the hand truck is designed for vertical transport of items, supporting up to 800 lbs. This mode is ideal for moving boxes, appliances, and other tall, heavy objects.

1. **Positioning:** Tilt the hand truck slightly backward and slide the 18-inch wide toe plate under the item to be moved.
2. **Loading:** Ensure the load is centered and stable on the toe plate. Use the dual handles to tilt the hand truck and load backward, balancing the weight over the wheels.
3. **Transport:** Push or pull the hand truck using the ergonomic handles. Maintain a firm grip and keep the load balanced.
4. **Unloading:** Carefully tilt the hand truck forward to lower the load onto the ground, then slide the toe plate out.



Figure 2: Utilizing the 18-inch Wide Toe Plate for Loading. This image demonstrates how the wide toe plate provides stable support for items being loaded onto the hand truck.

3.2. Converting to Platform Cart Mode

The hand truck can be quickly converted into a 4-wheel platform cart for horizontal transport of larger or multiple items, supporting up to 1000 lbs. No hitch pins are required for this conversion.

1. **Clear Area:** Ensure there is sufficient space around the hand truck for safe conversion.
2. **Engage Foot Latch:** Locate the foot latch mechanism near the base of the frame. Step on the latch to release the frame.
3. **Lower Frame:** While holding the handles, gently lower the upper frame section until it locks into the horizontal position, forming the platform.
4. **Verify Lock:** Confirm that the frame is securely locked in the platform position before loading.



Figure 3: Milwaukee 45136 Hand Truck in Platform Cart Mode. This image shows the hand truck fully converted into a four-wheel platform cart, suitable for horizontal transport of heavy or bulky loads.

Video Demonstration: Conversion and Features

Your browser does not support the video tag.

Video 1: Demonstration of the Milwaukee 45136 Hand Truck's conversion from upright to platform cart mode and its key features. This video provides a visual guide to the product's functionality and ease of transformation.

3.3. Maneuvering

The hand truck is equipped with 10-inch pneumatic wheels and 5-inch swivel casters (in platform mode) for enhanced maneuverability.

- **Pneumatic Wheels:** Provide cushioning for loads and allow for smooth movement over uneven or rough surfaces.
- **Swivel Casters:** In platform cart mode, the 360-degree swivel casters enable easy navigation and turning in tight spaces.



Figure 4: Detail of Pneumatic Wheel for Smooth Operation. This close-up shows the pneumatic tire, designed to absorb shock and provide smooth transport over varied terrain.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Milwaukee 45136 Hand Truck.

- **Tire Pressure:** Periodically check and maintain the recommended air pressure in the pneumatic tires. Under-inflated tires can affect load capacity and maneuverability.
- **Cleaning:** Clean the aluminum frame with a damp cloth to remove dirt and debris. The aluminum construction is rust and corrosion resistant, but regular cleaning helps maintain its appearance and integrity.
- **Lubrication:** Occasionally apply a light lubricant to the moving parts of the conversion mechanism and wheel axles to ensure smooth operation.
- **Fasteners:** Periodically check all bolts, nuts, and fasteners to ensure they are tight. Tighten any loose hardware as needed.
- **Storage:** Store the hand truck in a dry, protected area when not in use to prevent unnecessary wear and tear.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your hand truck.

- **Difficulty Rolling:**

- Check pneumatic tire pressure.
- Inspect wheels and casters for debris or damage.
- Ensure axles are properly lubricated.

- **Conversion Mechanism Sticking:**

- Clean any dirt or grime from the latch and pivot points.
- Apply a light lubricant to the moving parts of the mechanism.
- Ensure no parts are bent or obstructed.

- **Unstable Load:**

- Verify the load is centered on the toe plate or platform.
- Ensure the load does not exceed the specified weight capacity for the current configuration.
- Check that all wheels are properly inflated and functioning.

6. SPECIFICATIONS


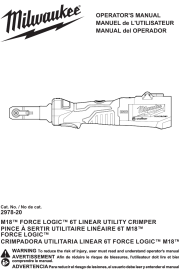
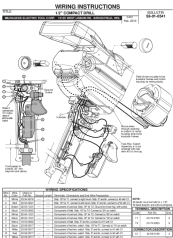
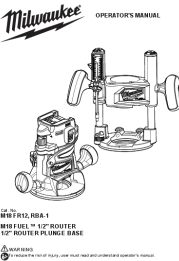
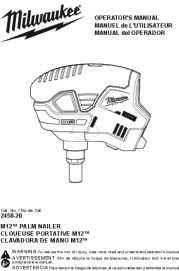
Feature	Specification
Brand	Milwaukee
Model Number	45136
Material	Aluminum
Item Weight	35.5 Pounds
Style	Convertible, Heavy-duty
Wheel Type	Pneumatic
Load Capacity (Upright)	800 Pounds
Load Capacity (Horizontal)	1000 Pounds
Number of Wheels	4 (2 pneumatic, 2 swivel casters)
Toe Plate Dimensions	8 In. x 18 In.
Overall Width	21-1/4 In.
Overall Height	42 In. to 52 In. (adjustable)
Product Dimensions	19 x 21.2 x 51.8 inches
UPC	091919451366
Manufacturer	Gleason Industrial Products

7. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact the

manufacturer, Gleason Industrial Products, or your authorized Milwaukee dealer. Keep your purchase receipt and model number (45136) readily available when contacting support.

Related Documents - 45136

 <p>The image shows a document titled "Wheel Replacement" with several numbered steps (1-6) and photographs illustrating the process of replacing a tire on a Milwaukee hand truck. It includes a warning section and a Milwaukee logo at the bottom.</p>	<p>Milwaukee Wheel Replacement Guide for 10-Inch Tires</p> <p>Detailed instructions for replacing 10-inch flat-free and pneumatic tires on Milwaukee hand trucks, covering cotter pin secured wheels. Includes step-by-step guidance and product information.</p>
 <p>The image shows the cover of the operator's manual for the Milwaukee M18 FORCE LOGIC 6T Linear Utility Crimper. It features the Milwaukee logo, the product name in multiple languages, and a photograph of the tool.</p>	<p>Milwaukee M18 FORCE LOGIC 6T Linear Utility Crimper 2978-20 Operator's Manual</p> <p>Operator's manual for the Milwaukee M18 FORCE LOGIC 6T Linear Utility Crimper (Model 2978-20), covering safety instructions, operation, assembly, maintenance, specifications, and warranty information.</p>
 <p>The image shows a technical diagram of the Milwaukee 1/2" Compact Drill with various components labeled. Below the diagram is a table with specifications and a section titled "WIRING INSTRUCTIONS".</p>	<p>Milwaukee 1/2" Compact Drill Wiring Instructions</p> <p>Detailed wiring instructions and specifications for the Milwaukee 1/2" Compact Drill, including terminal and connector descriptions. Bulletin 58-01-0541. Essential for maintenance and repair.</p>
 <p>The image shows the cover of the operator's manual for the Milwaukee M18 FUEL 1/2" Router. It features the Milwaukee logo, the product name in multiple languages, and a photograph of the router and its plunge base.</p>	<p>Milwaukee M18 FUEL 1/2" Router Plunge Base Operator's Manual</p> <p>This operator's manual provides detailed instructions for the Milwaukee M18 FUEL 1/2" Router and 1/2" Router Plunge Base (Model M18 FR12, RBA-1). It covers essential safety warnings, product specifications, assembly procedures, operational guidelines, and maintenance tips to ensure safe and effective use.</p>
 <p>The image shows the cover of the operator's manual for the Milwaukee M12 Palm Nailer. It features the Milwaukee logo, the product name in multiple languages, and a photograph of the palm nailer tool.</p>	<p>Milwaukee M12 Palm Nailer Operator's Manual</p> <p>Operator's manual for the Milwaukee M12 Palm Nailer (Model 2458-20), covering safety warnings, operation, maintenance, specifications, and warranty information.</p>



[Milwaukee M18 FUEL 1/4" Rivet Tool W/ ONE-KEY™ Operator's Manual](#)

Comprehensive operator's manual for the Milwaukee M18 FUEL 1/4" Rivet Tool with ONE-KEY™ technology. Covers essential safety warnings, operating procedures, assembly instructions, maintenance guidelines, specifications, and warranty information for users in Australia and New Zealand.