



[Manuals.plus](#) /

> [Vergo](#) /

> Vergo Industrial Convertible Hand Truck - AS7B User Manual

## Vergo AS7B

# Vergo Industrial Convertible Hand Truck - AS7B User Manual

*Model: AS7B*

## INTRODUCTION

---

The Vergo Industrial AS7B Convertible Hand Truck is a versatile material handling solution designed for heavy-duty use in various environments. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your AS7B hand truck.



Figure 1: Vergo Industrial AS7B Convertible Hand Truck in its two primary configurations.

## SAFETY INFORMATION

---

Always prioritize safety when operating the hand truck. Failure to follow safety guidelines can result in injury or damage to property.

- **Read the Manual:** Fully understand all instructions before assembly and operation.
- **Weight Capacity:** Do not exceed the stated weight capacities: 500 lbs in 2-wheel hand truck mode and 800 lbs in 4-wheel dolly mode.
- **Load Distribution:** Distribute loads evenly and secure them properly to prevent shifting or falling.
- **Personal Protective Equipment (PPE):** Wear appropriate safety footwear and gloves when handling heavy loads.
- **Clear Path:** Ensure your path is clear of obstacles and other personnel before moving loads.
- **Stable Surface:** Operate the hand truck on stable, level surfaces. Avoid steep inclines or uneven terrain when heavily loaded.

- **Maintenance:** Regularly inspect the hand truck for damage, loose fasteners, or worn parts. Do not use if damaged.

## SETUP AND ASSEMBLY

The Vergo AS7B hand truck requires some assembly. Follow these steps carefully to ensure proper and safe setup.

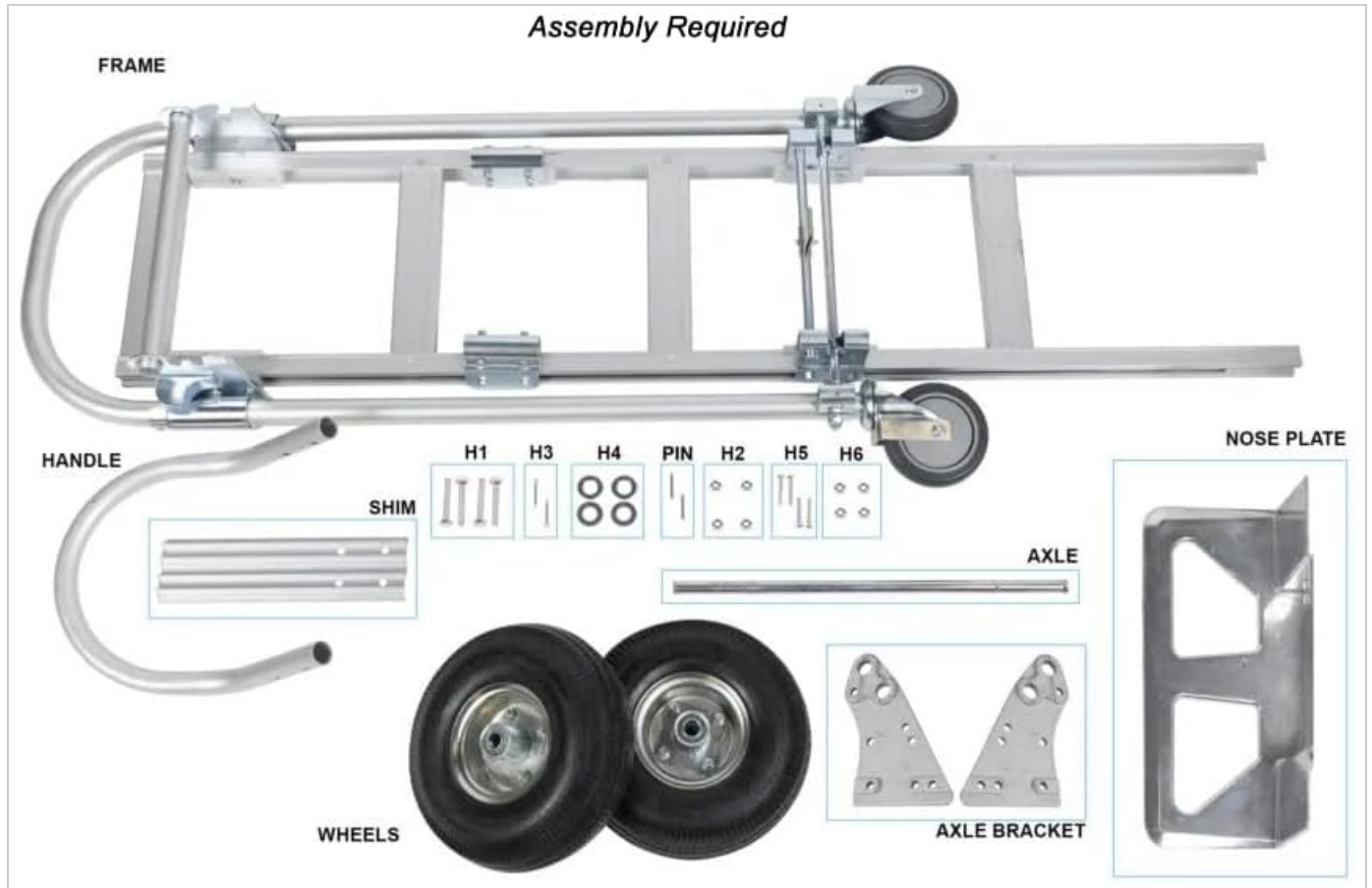


Figure 2: Exploded view of AS7B components for assembly.

Refer to the exploded view diagram (Figure 2) for component identification. While specific step-by-step instructions are typically provided in a dedicated user guide (PDF), the general assembly involves:

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the parts list (not provided in this context, but implied).
2. **Attach Axle Brackets:** Secure the axle brackets to the main frame using the provided hardware.
3. **Install Axle and Wheels:** Insert the axle through the brackets and attach the 10" pneumatic wheels. Ensure wheels are securely fastened.
4. **Attach Swivel Casters:** Mount the 5" flat-free swivel casters to the designated points on the frame.
5. **Assemble Handle:** Connect the ergonomic loop handle to the main frame.
6. **Install Nose Plate:** Secure the beveled nose plate to the base of the frame.
7. **Final Inspection:** After assembly, check all fasteners to ensure they are tight and all moving parts operate smoothly.

For detailed, step-by-step assembly instructions, please consult the official user manual PDF available from the manufacturer or product page.

## OPERATING INSTRUCTIONS

The Vergo AS7B is designed for versatility, converting between a 2-wheel hand truck and a 4-wheel platform cart. Always

ensure the conversion mechanism is fully engaged before use.

## 2-Wheel Hand Truck Mode



Figure 3: Hand Truck Mode (500 lbs capacity).

In this mode, the AS7B functions as a traditional hand truck, ideal for moving tall or stacked items. It has a maximum capacity of 500 lbs.

- Position the beveled nose plate under the item to be moved.
- Tilt the hand truck back using the ergonomic loop handle to balance the load over the large pneumatic wheels.
- Push or pull the hand truck to transport the item.
- Use the continuous loop handle for optimal control and even weight distribution.

## 4-Wheel Platform Cart Mode



Figure 4: Platform Cart Mode (800 lbs capacity).

To convert to platform cart mode, release the locking mechanism (often a hand release lever) and extend the frame horizontally. This mode is suitable for larger, heavier, or multiple items, with a maximum capacity of 800 lbs.

- Ensure the hand truck is fully converted and locked into the horizontal platform position.
- Place items securely on the platform, distributing weight evenly.
- Utilize the 5" flat-free swivel casters for superior maneuverability in any direction.
- Push or pull the cart using the handle.

The hand release lever (as shown in some product images) facilitates smooth conversion between modes. Always ensure the mechanism is fully engaged and locked before loading or moving the cart.

## MAINTENANCE

---

Regular maintenance ensures the longevity and safe operation of your Vergo AS7B hand truck.

- **Cleaning:** Wipe down the aluminum frame with a damp cloth to remove dirt and debris. Avoid abrasive cleaners.
- **Wheel Inspection:** Regularly check the pneumatic wheels for proper inflation (if applicable, though product states "flat-free" for casters and "pneumatic" for main wheels, implying inflation for main). Inspect for cuts, punctures, or excessive wear. Check swivel casters for smooth rotation and any obstructions.
- **Fastener Check:** Periodically inspect all bolts, nuts, and rivets for tightness. Tighten any loose fasteners to prevent structural instability.
- **Lubrication:** Apply a light lubricant to moving parts, such as the conversion mechanism and swivel caster bearings, if they become stiff.
- **Storage:** Store the hand truck in a dry, protected area to prevent corrosion and damage.

## TROUBLESHOOTING

---

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

Problem	Possible Cause	Solution
Difficulty converting modes	Mechanism is stiff or obstructed.	Clean the mechanism and apply a light lubricant. Ensure no debris is blocking movement.
Wheels not rolling smoothly	Low tire pressure (pneumatic wheels), debris in bearings, or worn wheels/casters.	Check and inflate pneumatic tires to recommended pressure. Clean debris from wheel axles and caster bearings. Replace worn wheels or casters if necessary.
Hand truck feels unstable	Loose fasteners or uneven load distribution.	Inspect and tighten all bolts and nuts. Re-distribute the load evenly on the nose plate or platform.
Excessive noise during operation	Loose components or lack of lubrication.	Check all connections for tightness. Lubricate moving parts as needed.

## SPECIFICATIONS

---

Key specifications for the Vergo Industrial AS7B Convertible Hand Truck:

# DIMENSIONS

## 63" High Hand Truck



Figure 5: AS7B Dimensions.

- **Model:** AS7B
- **Material:** Aircraft-grade Aluminum Alloy
- **Color:** Silver
- **Item Weight:** 38 Pounds
- **Product Dimensions (Hand Truck Mode):** Approximately 21" W x 18" D x 63" H
- **Product Dimensions (Platform Cart Mode):** Approximately 57" L x 21" W x 45" H (with handle up)
- **Nose Plate Dimensions:** 18" W x 7.5" D
- **Wheel Type:** 10" Pneumatic (main wheels), 5" Flat-Free Swivel Casters
- **Load Capacity (2-Wheel Hand Truck Mode):** 500 lbs
- **Load Capacity (4-Wheel Platform Cart Mode):** 800 lbs
- **Positions:** 2 (Hand Truck, Platform Cart)

---

For information regarding product warranty, returns, or technical support, please refer to the official Vergo Industrial website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the [Vergo Store on Amazon](#) for additional product information and contact options.

© 2023 Vergo Industrial. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.