



Manuals.plus /

› APOLLO /

› APOLLO Hydraulic Lift Cart Model A-2005 Instruction Manual

## APOLLO A-2005

# APOLLO Hydraulic Lift Cart Model A-2005 Instruction Manual

Model: A-2005

## 1. OVERVIEW

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your APOLLO Hydraulic Lift Cart Model A-2005. Please read this manual thoroughly before using the product to ensure proper handling and to prevent injury or damage.

### Key Features:

- **Loading Capacity:** 1760 lbs
- **Lifting Height (min/max):** 16.5 inches – 39.4 inches
- **Table Size:** 39.4 inches x 20.1 inches x 2.2 inches
- Welded thick steel frame with long-lasting coat finish for durability.
- Easy action foot-operated hydraulic pedal for raising the lift table.
- Supporting plate on back guard to enhance security.
- Convenient finger release for smooth lowering of heavy loads.
- Overload bypass valve to protect the operator and pump.

## 2. SAFETY INFORMATION

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**WARNING: Failure to follow these safety instructions may result in serious injury or death.**

### General Safety Warnings:

- Always wear appropriate personal protective equipment (PPE), such as safety shoes and gloves.
- Do not exceed the maximum load capacity of 1760 lbs.
- Ensure the load is centered and stable on the table before lifting or moving.
- Keep hands and feet clear of moving parts, especially during lifting and lowering operations.
- Do not operate the lift cart on uneven or sloped surfaces.

- Inspect the lift cart for damage or wear before each use. Do not use if damaged.
- Keep children and unauthorized personnel away from the operating area.

### Operational Safety:

- Engage the wheel brakes when loading, unloading, or performing maintenance.
- Lower the platform completely when the cart is not in use or when transporting over long distances.
- Avoid sudden movements or impacts when moving the loaded cart.
- Never stand or ride on the lift table.
- Ensure adequate lighting in the work area.

## 3. PRODUCT COMPONENTS AND DIMENSIONS

Familiarize yourself with the key components and dimensions of your hydraulic lift cart.



Figure 3.1: Front view of the lift cart showing width (20.1"), table thickness (2.2"), and minimum table height (16.5"). Wheel diameter is 5.9".

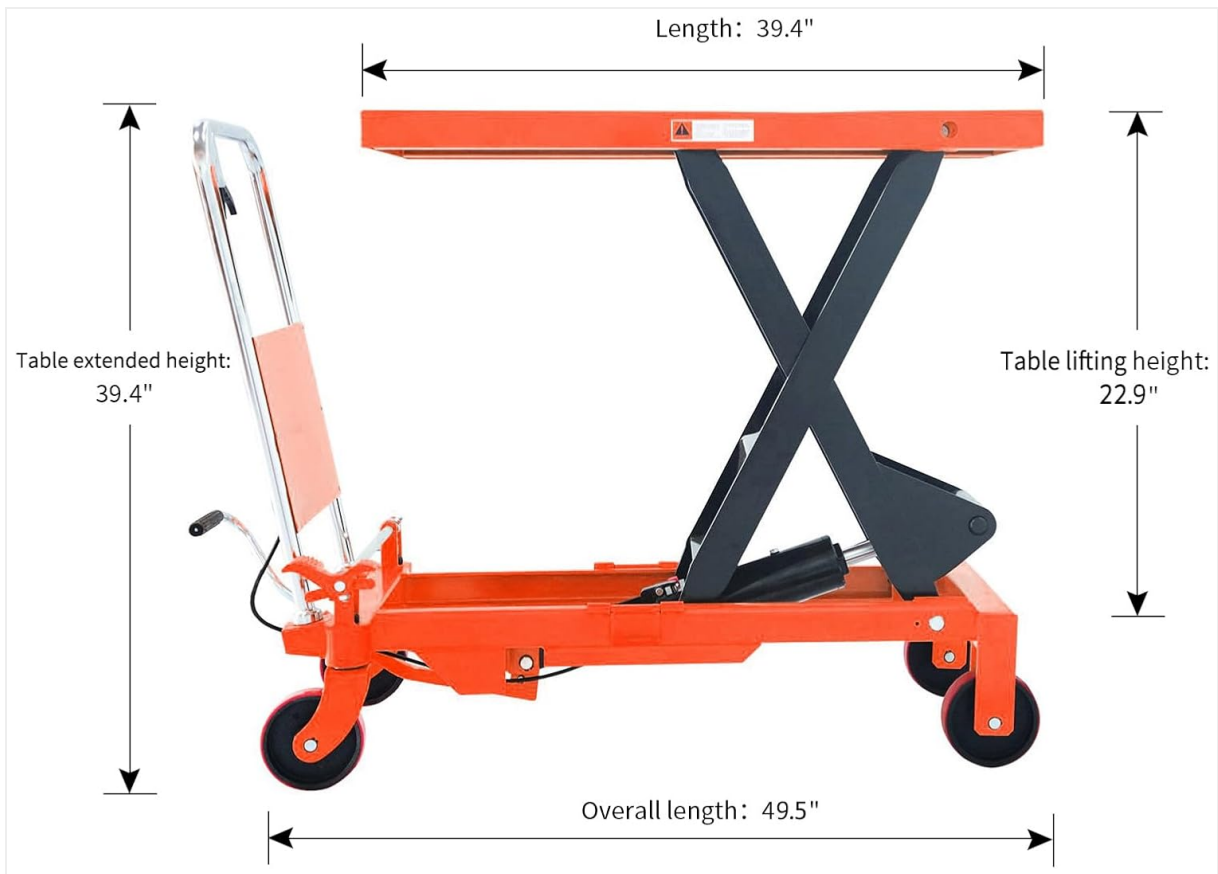


Figure 3.2: Side view of the lift cart showing table length (39.4"), table extended height (39.4"), table lifting height (22.9"), and overall length (49.5").

# Locking Swivel Wheels

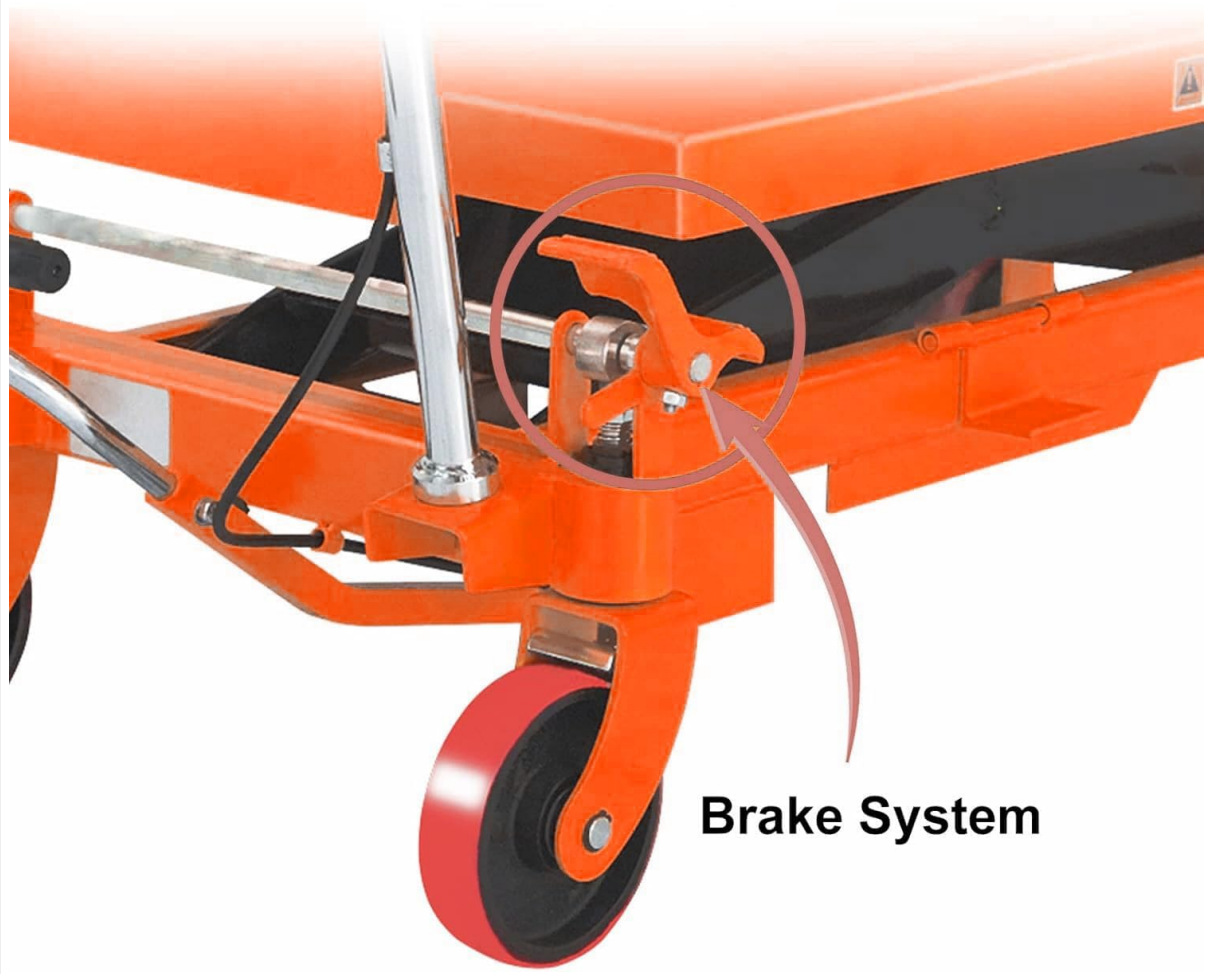


Figure 3.3: Detail of the locking swivel wheels and the foot-operated brake system for enhanced safety and stability.

# Simple Operation



**Lift Control:**  
**Foot Pump**

**Hydraulic Release:**  
**Hand Control**

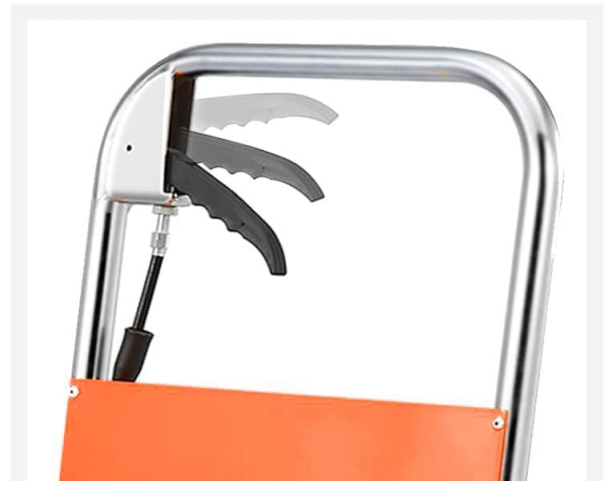


Figure 3.4: Controls for the lift cart, including the foot pump for lifting and the hand lever for hydraulic release and lowering.

# Height Adjustable



Min Height  
16.5"

**Convenient** finger  
release smoothly  
lowers even heavy loads.



Max Lift Height  
39.4"

**Foot-operation**  
pedal save energy.

Figure 3.5: The lift cart demonstrating its adjustable height range from a minimum of 16.5 inches to a maximum of 39.4 inches.

## 4. SETUP

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The APOLLO Hydraulic Lift Cart Model A-2005 typically arrives partially assembled. Follow these steps for final setup:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Attach the handle to the main cart body using the provided hardware. Ensure all bolts are securely tightened.
3. **Brake Check:** Verify that the foot brakes on the swivel wheels engage and disengage properly.
4. **Hydraulic System Check:** Operate the foot pedal to raise the platform and the hand lever to lower it a few times to ensure smooth operation and no fluid leaks.
5. **Safety Guard:** Confirm the rear safety guard is securely in place.

## 5. OPERATING INSTRUCTIONS

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### Lifting the Platform:

1. Ensure the cart is on a level surface and the wheel brakes are engaged.

2. Place the item(s) to be lifted centrally on the table, ensuring the load does not exceed 1760 lbs and is stable.
3. Step on the foot pedal repeatedly to raise the platform to the desired height.
4. Once the desired height is reached, ensure the platform is stable before proceeding.

### Lowering the Platform:

1. Ensure the area below the platform is clear of obstructions and personnel.
2. Gently squeeze the hand lever located on the handle. The platform will begin to lower smoothly.
3. Release the hand lever to stop the lowering action at any point.
4. Lower the platform completely when finished with the task or before moving the cart.

### Moving the Cart:

1. Ensure the platform is in its lowest position for maximum stability.
2. Disengage the wheel brakes.
3. Use the handle to push or pull the cart to the desired location. Avoid sudden turns or excessive speed, especially with heavy loads.
4. Once at the destination, engage the wheel brakes before loading, unloading, or lifting.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your APOLLO Hydraulic Lift Cart.

- **Lubrication:** Periodically lubricate all pivot points, axles, and moving parts with appropriate grease.
- **Hydraulic Fluid:** Check the hydraulic fluid level regularly. Refill with recommended hydraulic oil if necessary. Consult a qualified technician for hydraulic system maintenance.
- **Wheel Inspection:** Inspect wheels and casters for wear, damage, or debris. Replace worn wheels promptly.
- **Fastener Tightness:** Periodically check and tighten all bolts, nuts, and fasteners.
- **Cleaning:** Keep the cart clean and free of dirt, dust, and corrosive materials.
- **Storage:** Store the lift cart in a dry, protected area with the platform fully lowered.

## 7. TROUBLESHOOTING

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Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Platform does not lift	Low hydraulic fluid level Air in hydraulic system Overload	Check and refill hydraulic fluid Bleed the hydraulic system (consult technician) Reduce load to within capacity
Platform lowers too quickly	Release valve stuck open Hydraulic fluid leak	Check and clean release valve Inspect for leaks and repair (consult technician)
Cart difficult to move	Brakes engaged Damaged wheels/casters Excessive load	Disengage brakes Replace damaged wheels/casters Reduce load
Unstable load	Improperly placed load Uneven surface	Center load on platform Move cart to a level surface

## 8. SPECIFICATIONS

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Detailed technical specifications for the APOLLO Hydraulic Lift Cart Model A-2005.

Specification	Value
Brand	APOLLO
Model Number	A-2005
Material	Alloy Steel
Color	Orange
Item Weight	321 Pounds
Wheel Type	Caster
Load Capacity	1760 Pounds
Number of Wheels	4
Lifting Height (Min)	16.5 inches
Lifting Height (Max)	39.4 inches
Table Size	39.4 inches x 20.1 inches x 2.2 inches

## 9. WARRANTY AND SUPPORT

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APOLLO products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included with your product or contact APOLLO customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official APOLLO website or contact their customer support team.

