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Garvee 500lbs

Garvee Hydraulic Lift Table Cart 500 LBS Instruction Manual

Model: 500lbs

1. INTRODUCTION

Thank you for choosing the Garvee Hydraulic Lift Table Cart. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your new lift table cart. Please read all instructions carefully before use to ensure proper function and to prevent injury or damage.

The Garvee Hydraulic Lift Table Cart is designed for material handling and transportation, offering a robust 500 LBS load capacity and a lifting height of up to 28.5 inches. Its single scissor mechanism and hydraulic pump system provide smooth and controlled lifting and lowering operations.

VERSATILE APPLICATION



Image 1.1: Garvee Hydraulic Lift Table Cart 500 LBS. This image shows the complete lift table cart with its red frame, grey non-slip platform, and chrome handle.

2. SAFETY INFORMATION

Always prioritize safety when operating the lift table cart. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Load Capacity:** Do not exceed the maximum load capacity of 500 LBS (227 kg). Overloading can cause structural failure and instability.
- **Load Distribution:** Ensure loads are centered and evenly distributed on the platform to prevent tipping.
- **Non-Slip Pad:** Utilize the included 3 mm thick rubber anti-slip mat with adhesive backing to secure items on the table, minimizing displacement and sliding accidents.
- **Over-Lifting Protection:** The hydraulic system includes a limiter protection feature to prevent the platform from being raised beyond its safe maximum height.
- **Maintenance/Overload Protection:** The cart is equipped with a maintenance/overload protection lever. Do not bypass or modify this safety feature.

- **Braking Wheels:** Always engage the wheel brakes when loading, unloading, or when the cart is stationary to prevent unintended movement.
- **Stable Surface:** Operate the lift table cart on a flat, level, and stable surface. Avoid sloped or uneven terrain.
- **Clear Area:** Keep hands, feet, and other body parts clear of the scissor mechanism during lifting and lowering operations.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, such as safety shoes and gloves, when handling heavy loads.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your Garvee Hydraulic Lift Table Cart:

- **Platform:** The top surface where items are placed, featuring a non-slip texture.
- **Scissor Mechanism:** The interlocking steel bars that extend and retract to raise and lower the platform.
- **Hydraulic Pump:** The system responsible for lifting the platform.
- **Foot Pedal:** Used to pump the hydraulic fluid and raise the platform.
- **Hydraulic Release Lever:** A hand-operated lever (often near the handle) used to control the lowering of the platform.
- **Handle:** For pushing and steering the cart.
- **Wheels:** Four universal wheels, typically with 360-degree rotation, two of which include braking mechanisms for stability.
- **Non-Slip Pad:** A removable rubber mat for securing items on the platform.



Convenient finger release

Foot pedal design for adjusting height

Single scissor lift provides efficient transportation

360 Universal Wheel with protection

Image 3.1: Key components of the lift table cart, including the convenient finger release, foot pedal for adjusting height, single scissor lift, and 360-degree universal wheel with protection.

4. SETUP AND ASSEMBLY

The Garvee Hydraulic Lift Table Cart requires minimal assembly. Follow these steps to prepare your cart for use:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components are present and undamaged.
2. **Prepare Bolts:** Gather the necessary bolts, washers, and tools for assembly.
3. **Attach Handle:** Secure the handle to the main frame using the provided 2 flat washers and 2 bolts. Ensure it is firmly attached.
4. **Attach Foot Lever:** Connect the foot lever to the lift lever using the appropriate bolt and lock washer.
5. **Test Hydraulic Release:** Press the hydraulic release by hand to ensure it functions smoothly.
6. **Apply Non-Slip Pad:** If not already applied, fix the 3 mm thick rubber anti-slip mat securely to the table platform using its adhesive backing.



Image 4.1: Visual guide for convenient installation, showing steps to prepare bolts, attach the handle, attach the foot lever, and test the hydraulic release.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your lift table cart:

5.1. Moving the Cart

1. Ensure the platform is in its lowest position when moving the cart without a load.
2. Release the wheel brakes.
3. Use the handle to push and steer the cart to the desired location.
4. Once in position, engage the wheel brakes to secure the cart.

EASY MOBILITY & SECURITY

Welded steel frame with durable coat finish
360 universal wheel with braking to ensure secure operation
Limiter security design



Image 5.1: Easy mobility and security features, highlighting the 360-degree universal wheel with braking capability for secure operation.

5.2. Lifting the Platform

1. Place the item(s) securely on the platform, ensuring the load is centered and within the 500 LBS capacity. Use the non-slip pad if necessary.
2. Engage the wheel brakes to prevent movement.
3. Repeatedly press the foot pedal to raise the platform to the desired height. The broad foot pedal design allows for effortless pumping.
4. The platform can be elevated up to 28.5 inches. Do not attempt to force it beyond its maximum height.

EFFORTLESS LIFTING

3mm No-slip pad to fixten the cargo on the table



Image 5.2: Effortless lifting with the 3mm non-slip pad to fix cargo on the table, demonstrating the hydraulic lifting action.



Image 5.3: Adjustable height range of the lift table cart, illustrating the minimum and maximum lifting positions.

5.3. Lowering the Platform

1. Ensure the area below the platform is clear of obstructions and personnel.
2. Engage the wheel brakes.
3. Slowly depress the hydraulic release lever. This will gradually lower the platform. Control the speed of descent by adjusting the pressure on the lever.
4. Once the platform is at the desired height or fully lowered, release the lever.

6. MAINTENANCE

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

- **Hydraulic Fluid:** Periodically check the hydraulic fluid level. Refer to the hydraulic pump manufacturer's guidelines for fluid type and replacement intervals. Ensure no oil leakage.
- **Lubrication:** Lubricate all pivot points and moving parts of the scissor mechanism regularly with appropriate grease

to ensure smooth operation and prevent wear.

- **Wheel Inspection:** Inspect wheels and casters for wear, damage, or debris. Ensure they rotate freely and the brakes function correctly.
- **Structural Integrity:** Regularly inspect the frame, platform, and scissor mechanism for any signs of damage, cracks, bends, or loose fasteners. Tighten any loose bolts.
- **Cleaning:** Keep the cart clean and free of dirt, dust, and corrosive materials.
- **Storage:** Store the lift table cart in a dry, clean environment when not in use, preferably with the platform in the lowest position.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your lift table cart.

Problem	Possible Cause	Solution
Platform does not lift	Low hydraulic fluid level; Air in hydraulic system; Release valve partially open; Overload.	Check and refill hydraulic fluid; Bleed air from the system (consult a professional if unsure); Ensure release valve is fully closed; Reduce load to within capacity.
Platform lowers too quickly or uncontrollably	Faulty hydraulic release valve; Internal hydraulic leak.	Inspect and repair/replace release valve; Consult a qualified technician for hydraulic system repair.
Difficulty moving the cart	Wheel brakes engaged; Damaged or seized wheels; Debris in wheels.	Release wheel brakes; Inspect and clean wheels; Replace damaged wheels.
Squeaking or grinding noises during operation	Lack of lubrication on pivot points; Loose fasteners.	Lubricate all moving parts; Check and tighten all bolts and fasteners.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer support.

8. SPECIFICATIONS

Detailed specifications for the Garvee Hydraulic Lift Table Cart 500 LBS:

Specification	Detail
Brand	Garvee
Model Number	500lbs
Material	Alloy Steel
Color	Yellow (Note: Product image shows red, but specification lists yellow. Please verify product color upon receipt.)
Load Capacity	500 LBS
Lifting Height (Max)	28.5 inches

Specification	Detail
Product Dimensions (L x W x H)	18.7"L x 10"W x 32.67"H (Note: This dimension seems to be for the cart in a specific configuration, likely folded or minimum height. The platform dimensions are not explicitly stated.)
Item Weight	101.8 Pounds
Number of Wheels	4
Wheel Type	Rubber
UPC	198290449538



Image 8.1: The lift table cart demonstrating its 500 LBS large load capacity with a package on the platform.

9. WARRANTY INFORMATION

Warranty information for this product is not available in the provided data. Please refer to the product packaging or contact

the manufacturer directly for warranty details.

10. CUSTOMER SUPPORT

For technical assistance, parts, or further inquiries, please contact Garvee customer support. Contact information is typically found on the product packaging, the manufacturer's official website, or through your point of purchase.

Online Resources: You may find additional support and FAQs by visiting the Garvee Store on Amazon [Garvee Store](#)