

KATOOL 4H950

KATOOL 9500lbs 4 Post Lift Model 4H950 Instruction Manual

Your comprehensive guide to safe and efficient operation.

1. INTRODUCTION

Thank you for choosing the KATOOL 9500lbs 4 Post Lift, Model 4H950. This manual provides essential information for the safe installation, operation, and maintenance of your new vehicle lift. Please read this manual thoroughly before attempting to assemble or operate the lift. Proper understanding and adherence to these instructions will ensure safe and efficient use, extending the lifespan of your equipment.



Figure 1.1: KATOOL 9500lbs 4 Post Lift, Model 4H950.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always follow basic safety precautions when operating this equipment. Failure to do so may result in serious injury or property damage.

- Read and understand all instructions before operating the lift.
- Ensure the lift is installed on a level, solid concrete foundation capable of supporting the lift's weight and maximum load.
- Only trained and authorized personnel should operate the lift.
- Keep the work area clean and well-lit.
- Do not exceed the maximum lifting capacity of 9,500 lbs.
- Always engage safety locks before working under a raised vehicle.
- Ensure proper vehicle positioning on the runways.
- Keep hands, feet, and clothing clear of moving parts.

- Never leave a raised vehicle unattended without engaging safety locks.
- Wear appropriate personal protective equipment (PPE).
- Disconnect power before performing any maintenance or repairs.

3. PACKAGE CONTENTS

The KATOOL 9500lbs 4 Post Lift package includes the following components:

- 4 Post Lift Structure (Posts, Runways, Crossbeams)
- Moving Kits/Casters (for mobility)
- Aluminum Ramps (for vehicle access)
- Jack Tray (for use with optional jacking beam)
- Drip Trays (to protect vehicles parked underneath)
- Hydraulic Power Unit (110V)
- Cables and Pulleys
- Fasteners and Hardware

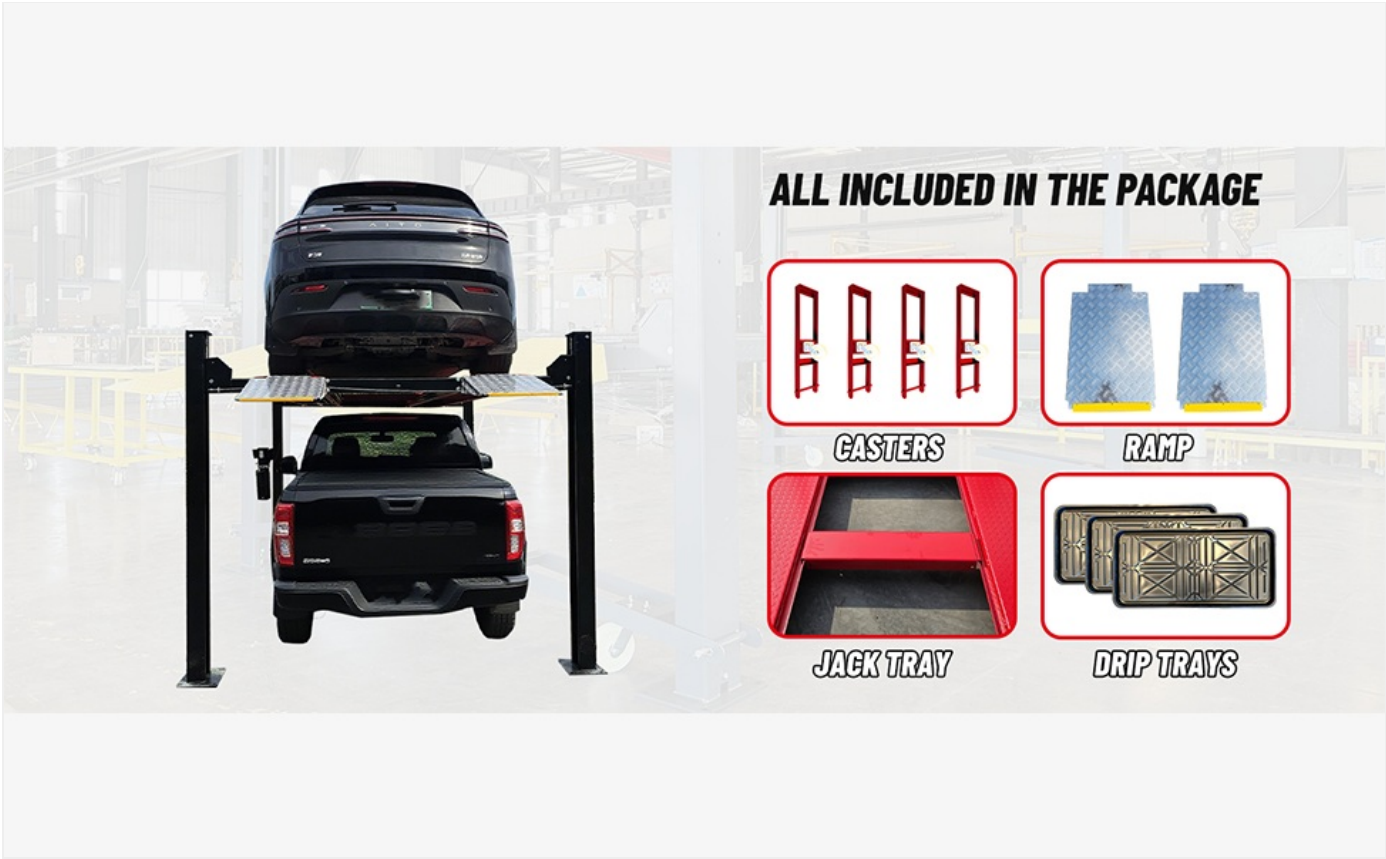


Figure 3.1: All included components in the KATOOL 4 Post Lift package.

4. SPECIFICATIONS

Key technical specifications for the KATOOL 9500lbs 4 Post Lift Model 4H950:

Feature	Specification
Lifting Capacity	9,500 lbs

Feature	Specification
Lifting Height	79 inches
Lifting Time (to full height)	50 seconds
Overall Length	189 inches
Overall Width	113 inches
Width Between Columns	99 inches
Power Requirement	110V, 3.0HP
Model Number	4H950

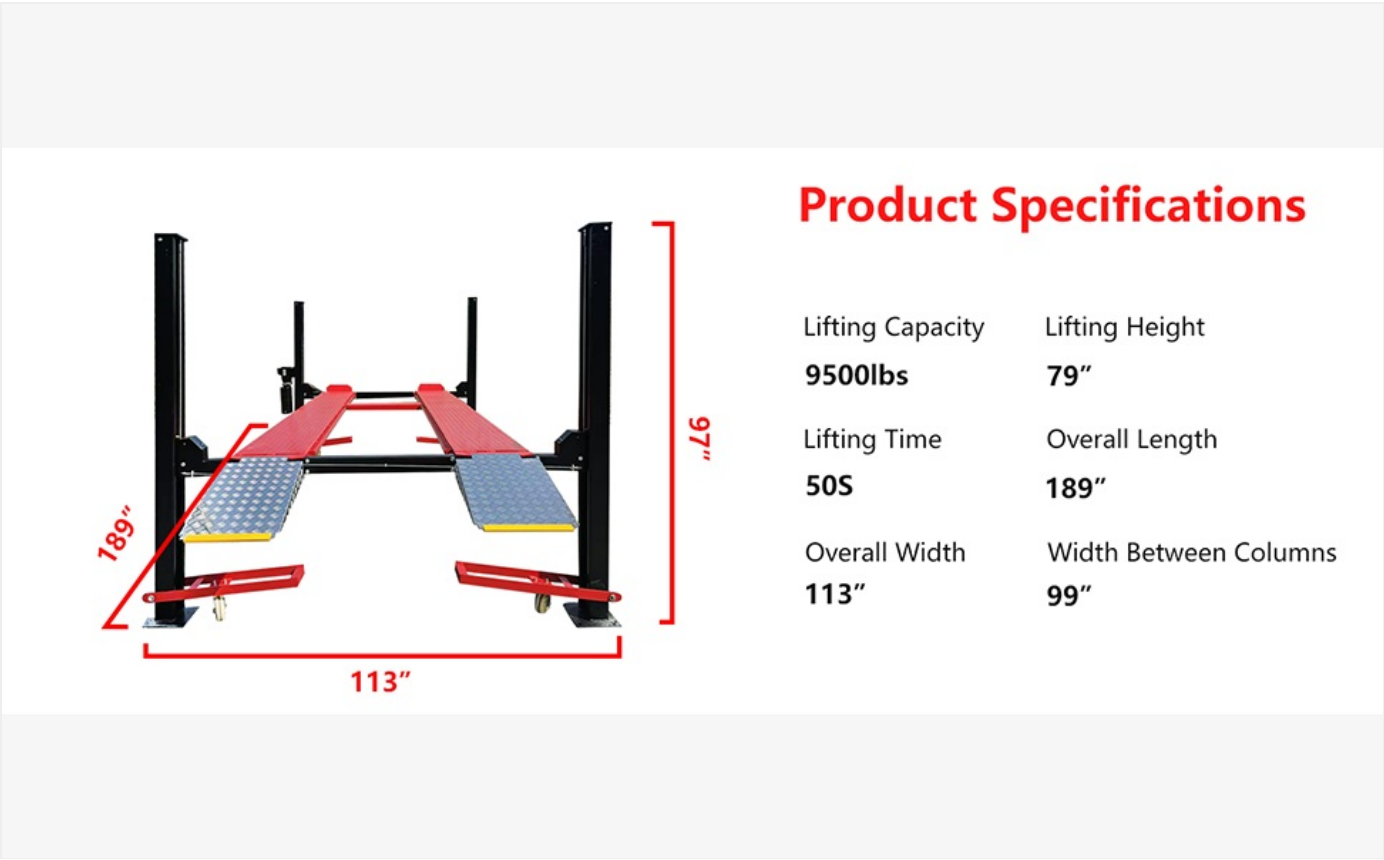


Figure 4.1: Product specifications and dimensions diagram.

5. SETUP AND INSTALLATION

Proper installation is critical for the safe and reliable operation of your KATOOL 4 Post Lift. It is recommended that installation be performed by at least two individuals with appropriate tools and equipment.

5.1 Site Preparation

- Ensure the installation area has a level concrete floor, free from cracks or defects, capable of supporting the lift's weight and maximum load. Consult a structural engineer if unsure.
- Verify adequate overhead clearance for the lift's maximum height (79 inches) plus the height of the vehicle.
- Ensure access to a dedicated 110V power outlet for the hydraulic power unit.

5.2 Unloading and Component Identification

The lift components are heavy. A forklift or similar heavy lifting equipment is required for unloading the shipment. Carefully unpackage all components and verify against the package contents list. Identify each part before beginning assembly.

5.3 Assembly Steps (General Overview)

1. **Position Posts:** Carefully position the four posts according to the desired layout, ensuring they are square and level.
2. **Attach Crossbeams:** Secure the crossbeams to the posts. This step often requires lifting the crossbeams into place.
3. **Install Runways:** Attach the runways to the crossbeams. Ensure proper alignment and secure all fasteners.
4. **Route Cables:** Install the lifting cables, routing them through the pulleys and securing them according to the detailed diagrams provided in the full assembly manual. Ensure cables are properly tensioned.
5. **Connect Hydraulic System:** Mount the hydraulic power unit and connect the hydraulic lines to the lift cylinder. Fill the reservoir with appropriate hydraulic fluid.
6. **Install Safety Locks:** Ensure all safety lock mechanisms are correctly installed and functional.
7. **Attach Accessories:** Install the aluminum ramps, jack tray, drip trays, and casters as needed.



Figure 5.1: The KATOOL 4 Post Lift supporting two vehicles, showcasing its 9500lbs capacity and 79-inch lifting height.



Figure 5.2: Detail of the lift's safety lock mechanism.



Figure 5.3: Detail of the cable routing system.

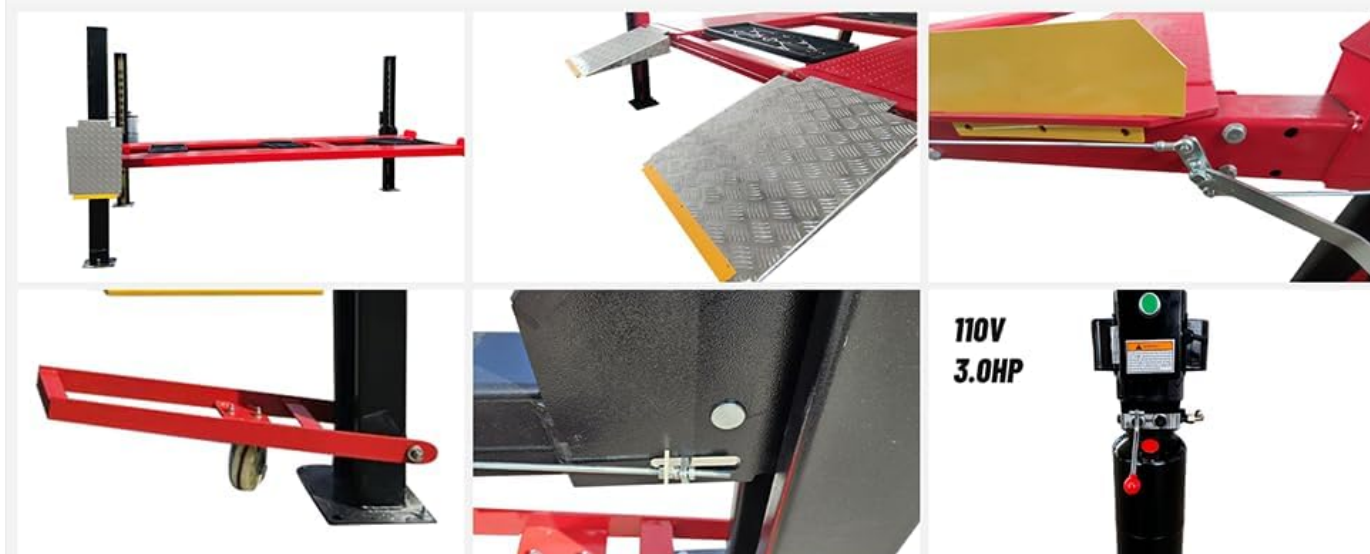


Figure 5.4: The 110V hydraulic power unit.

6. OPERATING INSTRUCTIONS

Follow these steps for safe operation of your KATOOL 4 Post Lift:

6.1 Pre-Operation Checklist

- Ensure the lift area is clear of obstructions.
- Verify all fasteners are tight and cables are properly tensioned.
- Check hydraulic fluid level.
- Confirm power supply is connected.

6.2 Lifting a Vehicle

1. **Position Vehicle:** Drive the vehicle onto the runways, ensuring it is centered and within the designated lifting points.
2. **Clear Area:** Ensure no personnel or objects are near the lift's moving parts.
3. **Initiate Lift:** Press and hold the 'UP' button on the hydraulic power unit. The lift will begin to rise.
4. **Engage Safety Locks:** Once the desired height is reached, or if working under the vehicle, lower the lift slightly until the safety locks engage. Listen for the audible click.
5. **Verify Locks:** Visually confirm that all four safety locks are fully engaged before working under the vehicle.



Figure 6.1: KATOOL 4 Post Lift in operation, showing a vehicle raised to working height.

6.3 Lowering a Vehicle

1. **Clear Area:** Ensure no personnel or objects are under or near the lift.
2. **Raise Slightly:** Press the 'UP' button briefly to relieve pressure on the safety locks.
3. **Disengage Locks:** Operate the safety lock release mechanism (typically a lever or button).
4. **Lower Lift:** Press and hold the 'DOWN' button or lever to slowly lower the lift.
5. **Remove Vehicle:** Once the lift is fully lowered, carefully drive the vehicle off the runways.

7. MAINTENANCE

Regular maintenance is essential for the longevity and safe operation of your KATOOL 4 Post Lift.

- **Daily:** Inspect cables, pulleys, and safety locks for wear or damage. Check for hydraulic fluid leaks.
- **Weekly:** Clean the lift structure. Check and lubricate all pivot points and moving parts.
- **Monthly:** Check cable tension and adjust if necessary. Inspect all fasteners for tightness. Check hydraulic fluid level and top up if needed.
- **Annually:** Have a qualified technician perform a thorough inspection of the entire lift system, including hydraulic components, electrical connections, and structural integrity.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your KATOOL 4 Post Lift.

8.1 Lift Does Not Rise

- **Check Power:** Ensure the power unit is plugged in and receiving 110V power. Check circuit breaker.

- **Hydraulic Fluid:** Verify the hydraulic fluid level is adequate.
- **Motor Function:** Listen for the motor running. If not, check electrical connections.

8.2 Lift Lowers Unevenly

- **Cable Tension:** Inspect and adjust cable tension on all four posts to ensure they are uniform.
- **Obstructions:** Check for any obstructions preventing smooth lowering.

8.3 Safety Locks Not Engaging/Disengaging

- **Mechanism Check:** Inspect the safety lock mechanism for any debris, damage, or misalignment.
- **Cable/Linkage:** Ensure the release cables or linkages are free-moving and properly connected.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact KATOOL customer support.

9. WARRANTY AND SUPPORT



KATOOL stands behind the quality of its products. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your purchase or visit the official KATOOL website. For technical assistance, parts, or any other support inquiries, please contact KATOOL customer service through the contact information provided with your product or on the manufacturer's website.




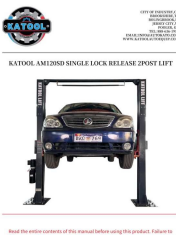
When contacting support, please have your model number (4H950) and purchase date readily available.



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Related Documents - 4H950

	<p>Four-Post Parking Lift Installation and Service Manual - Katool KT-4H110</p> <p>Comprehensive installation and service manual for the Katool KT-4H110 Four-Post Parking Lift. This guide provides detailed instructions on product features, installation requirements, step-by-step assembly, exploded views, and essential test run procedures for safe and effective operation.</p>
	<p>Katool PMRL-2000 Portable Two Post Lift User Manual</p> <p>Comprehensive user manual for the Katool PMRL-2000 Portable Two Post Lift, covering specifications, safety warnings, operating procedures, and maintenance. Learn how to safely lift and lower vehicles with this automotive lift.</p>

 <p>KATOOL KT-H120D Two-Post Vehicle Lift: Installation and Operation Manual</p>	<p>KATOOL KT-H120D Two-Post Vehicle Lift: Installation and Operation Manual</p> <p>Comprehensive installation, operation, and safety manual for the KATOOL KT-H120D 12,000 lbs. two-post vehicle lift. Includes specifications, maintenance, and warranty information.</p>
 <p>KATOOL KT-H120D 12,000 lbs Two Post Hydraulic Lift - User Manual & Installation Guide</p>	<p>KATool KT-H120D 12,000 lbs Two Post Hydraulic Lift - User Manual & Installation Guide</p> <p>Comprehensive user manual and installation guide for the KATool KT-H120D 12,000 lbs two-post hydraulic lift. Includes safety instructions, technical specifications, operation, maintenance, troubleshooting, and parts diagrams.</p>
 <p>KATOOL KT-AM120SD Two-Post Vehicle Lift Installation and Operation Manual</p>	<p>KATOOL KT-AM120SD Two-Post Vehicle Lift Installation and Operation Manual</p> <p>Comprehensive installation, operation, and safety manual for the KATOOL KT-AM120SD Two-Post Vehicle Lift. Covers specifications, warranty, safety protocols, installation steps, maintenance, and support contacts.</p>
 <p>KATOOL AM120SD Single Lock Release 2-Post Lift User Manual & Operation Guide</p>	<p>KATOOL AM120SD 2-Post Car Lift User Manual & Operation Guide</p> <p>Comprehensive user manual and operation guide for the KATOOL AM120SD Single Lock Release 2-Post Lift, covering safety instructions, installation, operation, maintenance, and troubleshooting.</p>