

KATOOL PMRL-200

KATOOL PMRL-200 Portable Two-Post Garage Lift User Manual

Model: PMRL-200 | Brand: KATOOL

PRODUCT OVERVIEW

The KATOOL PMRL-200 is a robust and portable two-post garage lift designed for vehicle maintenance. It features a 7000 lbs (3175 kg) lifting capacity, screw-on pads, and extension support adaptors for versatile use. The lift is equipped with a single point lock release and an adjustable lifting height, making it suitable for various vehicle types and service needs. It operates with a top-level hydraulic system (220V/60HZ/1PH) and is CE Approved and Certified, having undergone rigorous dynamic (115%) and static (150%) loading capacity tests to ensure safety and reliability.



Image: The KATOOL PMRL-200 portable two-post garage lift shown with a vehicle elevated, demonstrating its lifting capability. The hydraulic power unit is visible next to one of the lift columns.

KEY FEATURES

- **7000 lbs (3175 kg) Lifting Capacity:** Designed to safely lift a wide range of passenger vehicles and light trucks.
- **Screw-on Pad and Extension Support Adaptors:** Provides flexible and secure contact points for various vehicle frames.
- **4-inch Single Point Lock Release:** Simplifies operation and enhances safety during lifting and lowering.
- **Adjustable Lifting Height:** Allows for easy access to different parts of the vehicle for maintenance and repair.
- **Top-Level Hydraulic System:** Ensures smooth and reliable lifting performance.
- **CE Approved and Certified:** Meets European safety standards, tested for 115% dynamic loading capacity and 150% static loading capacity.

SETUP AND ASSEMBLY

Proper setup is crucial for the safe and efficient operation of your KATOOL PMRL-200 lift. Ensure you have adequate space and a level, solid concrete floor capable of supporting the lift's weight and the maximum load.

Unpacking and Component Identification

Carefully unpack all components and verify against the packing list. Identify the main parts:

1. Two lift columns
2. Four lifting arms with screw-on pads
3. Height extension adaptors
4. Hydraulic power unit
5. Oil tube and hydraulic hoses
6. Fasteners and small parts

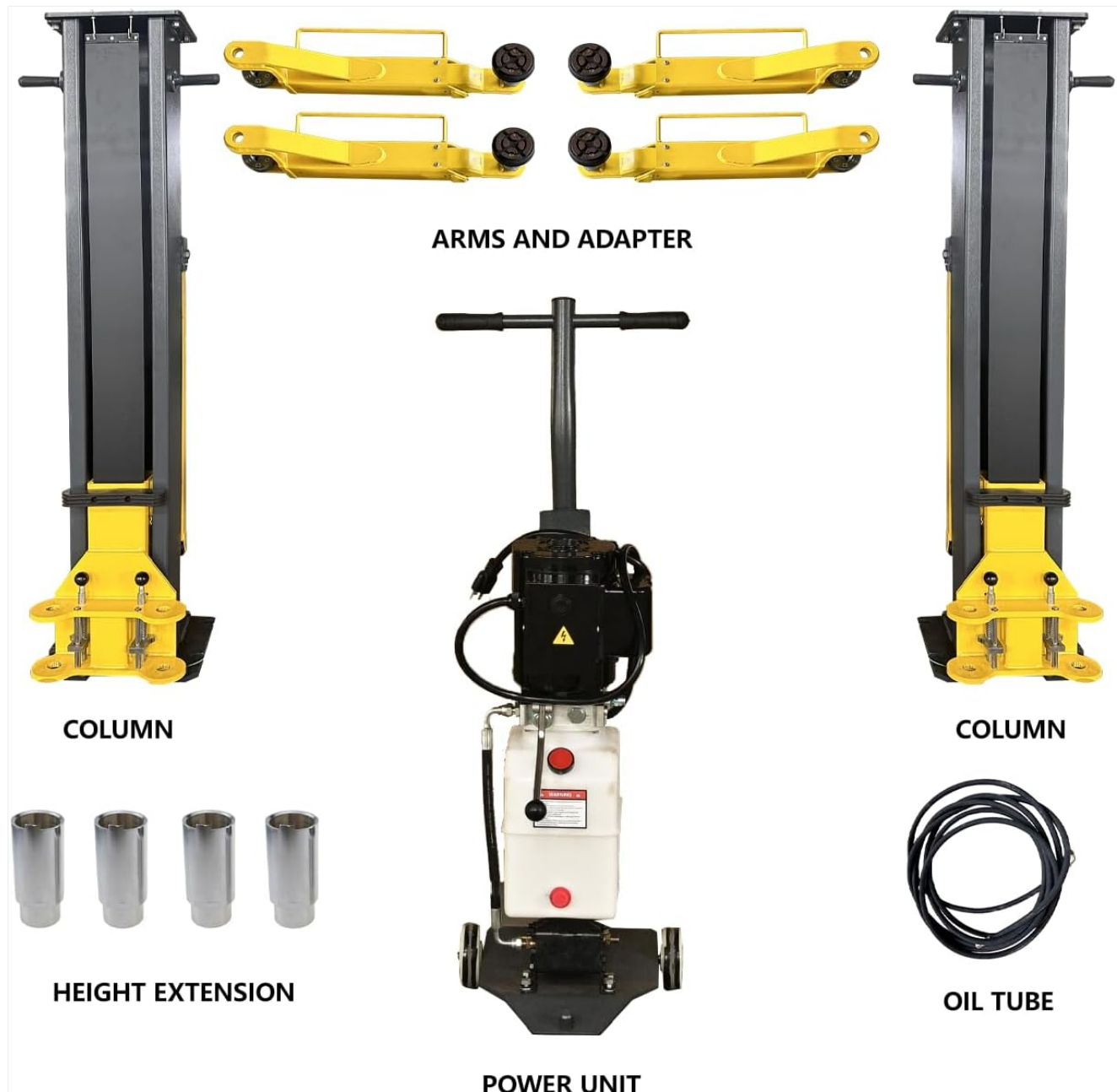


Image: All major components of the PMRL-200 lift, including the two columns, lifting arms, height extensions, hydraulic power unit, and oil tube, laid out for identification prior to assembly.

Installation Steps (Summary)

1. Position the two columns on a level surface, ensuring proper spacing as per the detailed installation guide (refer to full manual for precise measurements).
2. Connect the hydraulic power unit to the columns using the provided oil tube and hoses.
3. Install the lifting arms onto the columns.

4. Connect the electrical power to the hydraulic unit (220V/60HZ/1PH).
5. Perform initial functional tests without a load to ensure all systems are operating correctly.



Image: A detailed view of the hydraulic power unit for the KATOOL PMRL-200 lift, showing the motor, reservoir, and control lever.

OPERATING INSTRUCTIONS

Preparing the Vehicle

- Ensure the vehicle is positioned centrally between the two lift columns.
- Adjust the lifting arms to align with the vehicle's designated lifting points. Use the screw-on pads and height extensions as needed.



Image: A front view of a car correctly positioned on the KATOOL PMRL-200 lift, ready for elevation. The lift arms are extended to support the vehicle.

Lifting the Vehicle

1. Activate the hydraulic power unit to begin lifting.
2. Monitor the vehicle as it rises, ensuring it remains stable and level.
3. Once the desired height is reached, engage the safety locks. The lift has a single point lock release for ease of use.
4. Slightly lower the vehicle onto the safety locks to ensure it is securely supported before beginning work.

8000LBS TESTED



Image: The KATOOL PMRL-200 lift shown supporting an 8000 lbs (3628 kg) blue container, demonstrating its tested load capacity. This image highlights the lift's structural integrity under heavy loads.

Lowering the Vehicle

1. Slightly raise the vehicle off the safety locks.
2. Disengage the single point lock release.
3. Slowly lower the vehicle to the ground, ensuring no obstructions are present.
4. Once fully lowered, retract the lifting arms and remove the vehicle.

Your browser does not support the video tag.

Video: This video demonstrates the operation of the KATOOL PMRL-200 two-post lift, including the process of lifting and lowering a vehicle. It also showcases the lift's 8000 lbs load test and the laser guidance system for vehicle positioning.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your KATOOL PMRL-200 lift.

- **Daily Checks:** Inspect hydraulic hoses for leaks, check lifting pads for wear, and ensure all safety locks engage properly.
- **Weekly Checks:** Lubricate all moving parts, including chains and pulleys, with appropriate grease. Check hydraulic fluid levels and top up if necessary.
- **Monthly Checks:** Inspect all electrical connections for tightness and signs of wear. Check the integrity of the lift columns and arms for any damage or deformation.
- **Annual Inspection:** A qualified technician should perform a comprehensive inspection of the entire lift system, including hydraulic components, electrical system, and structural integrity.



Image: A close-up view of the screw-on pad and extension support adaptor, highlighting the adjustable components that make contact with the vehicle's lifting points.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lift does not raise	No power to hydraulic unit; Low hydraulic fluid; Air in hydraulic system; Motor issue.	Check power supply and circuit breaker; Fill hydraulic reservoir; Bleed air from system; Consult qualified technician.
Lift lowers slowly or unevenly	Hydraulic fluid leak; Obstruction in lowering valve; Uneven load distribution.	Inspect for leaks and repair; Check and clear lowering valve; Re-position vehicle for balanced load.
Excessive noise during operation	Low hydraulic fluid; Worn bearings or chains; Loose components.	Check and fill fluid; Inspect and replace worn parts; Tighten all fasteners.

For issues not listed or if solutions do not resolve the problem, please contact KATOOL customer support.

SPECIFICATIONS

Feature	Detail
Model Number	PMRL-200
Brand	KATOOL
Lifting Capacity	7000 lbs (3175 kg)
Tested Load Capacity	8000 lbs (3628 kg)
Minimum Lifting Height	4.1 inches (10.4 cm)
Maximum Lifting Height	72 inches (182.9 cm)
Power Unit Voltage	220V/60HZ/1PH
Product Dimensions (L x W x H)	72.83 x 35.04 x 25 inches (185 x 89 x 63.5 cm)
Item Weight	8000 pounds (3628 kg) - <i>Note: This appears to be the shipping weight or gross weight, not the operational weight of the lift itself.</i>
Certifications	CE Approved
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact KATOOL customer service directly. Keep your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or spare parts inquiries, please visit the official KATOOL website or contact their customer support team. Contact details can typically be found on the product packaging or the brand's official online presence.

KATOOL Store: [Visit KATOOL Store on Amazon](#)



[PMRL2000 Assembly Instructions](#)

Step-by-step guide for assembling the PMRL2000 automotive lift, including installing the cover, arm, and oil tube, and securing the base.

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PORTABLE TWO POST LIFT PMRL-2000



[\[pdf\]](#) User Manual Specifications

M7K MaxJax Portable Mid Rise Lift Operation Manual 6 H S Katool 8 000 lbs 2 Post Mobile Car PMRL 200 v 1745387018 cdn shopify s files 1 0792 9502 1340 |||

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Maximum c ... Information Keep the following in mind when operating your : Use it
only on a hard, flat surface. **PMRL-2000** is portable; if you move it to a new location,
make sure tAhlwe aloycsavtieornifyhtahsaat...

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Read the entire contents of this manual before using this product. Failure to follow the instructions and safety precautions in this manual can result in serious injury or death. Make sure all other operators also read this manual. By proceeding with setup and operation, you agree that you fully understand the contents of this manual and assume full responsibility for product use.