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> WEIZE 10000lbs 2 Post Car Lift User Manual

WEIZE PLA-1001-H

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Model: PLA-1001-H

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your WEIZE 10000lbs 2 Post Car Lift. Please read this manual thoroughly before installation and operation to ensure proper usage and to prevent injury or damage to the equipment.

The WEIZE 2 Post Car Lift is designed for lifting vehicles up to 10,000 lbs, making it suitable for a wide range of cars, trucks, SUVs, and vans in professional repair shops and personal garages.

SAFETY INFORMATION

Your safety and the safety of others are paramount. Always adhere to all safety warnings and instructions provided in this manual and on the equipment itself.

- **Load Capacity:** Do not exceed the maximum load capacity of 10,000 lbs.
- **Safety Locks:** Always engage the 2-point safety lock release system after lifting the vehicle to the desired height. Never work under a lift that is not secured by its safety locks.
- **Automatic Arm Restraints:** Ensure arm restraints are properly engaged before lifting.
- **Overload Protection:** The power pump is equipped with a relief valve to prevent overloading. Do not attempt to bypass this feature.
- **Pinch Protection:** Utilize the protective rubber door guards to prevent pinching and damage to vehicle doors.
- **Cylinder Protection:** An up-limit switch safeguards the cylinders by limiting their stroke, enhancing overall safety.
- **Hydraulic Oil:** Use only N32/N46 hydraulic oil for smooth and efficient performance.
- **Qualified Personnel:** Installation and major maintenance should only be performed by qualified personnel.

Maximum workspace flexibility



This image shows the protective rubber door guard on the lift column, which helps prevent damage to vehicle doors during operation.

COMPONENTS OVERVIEW

The WEIZE 2 Post Car Lift consists of two main columns, lifting arms, a hydraulic power unit, and various safety mechanisms.



This image displays key components of the lift: a robust pulley system, a safety release pin, the drive chain mechanism, and the hydraulic power unit with its fluid reservoir.

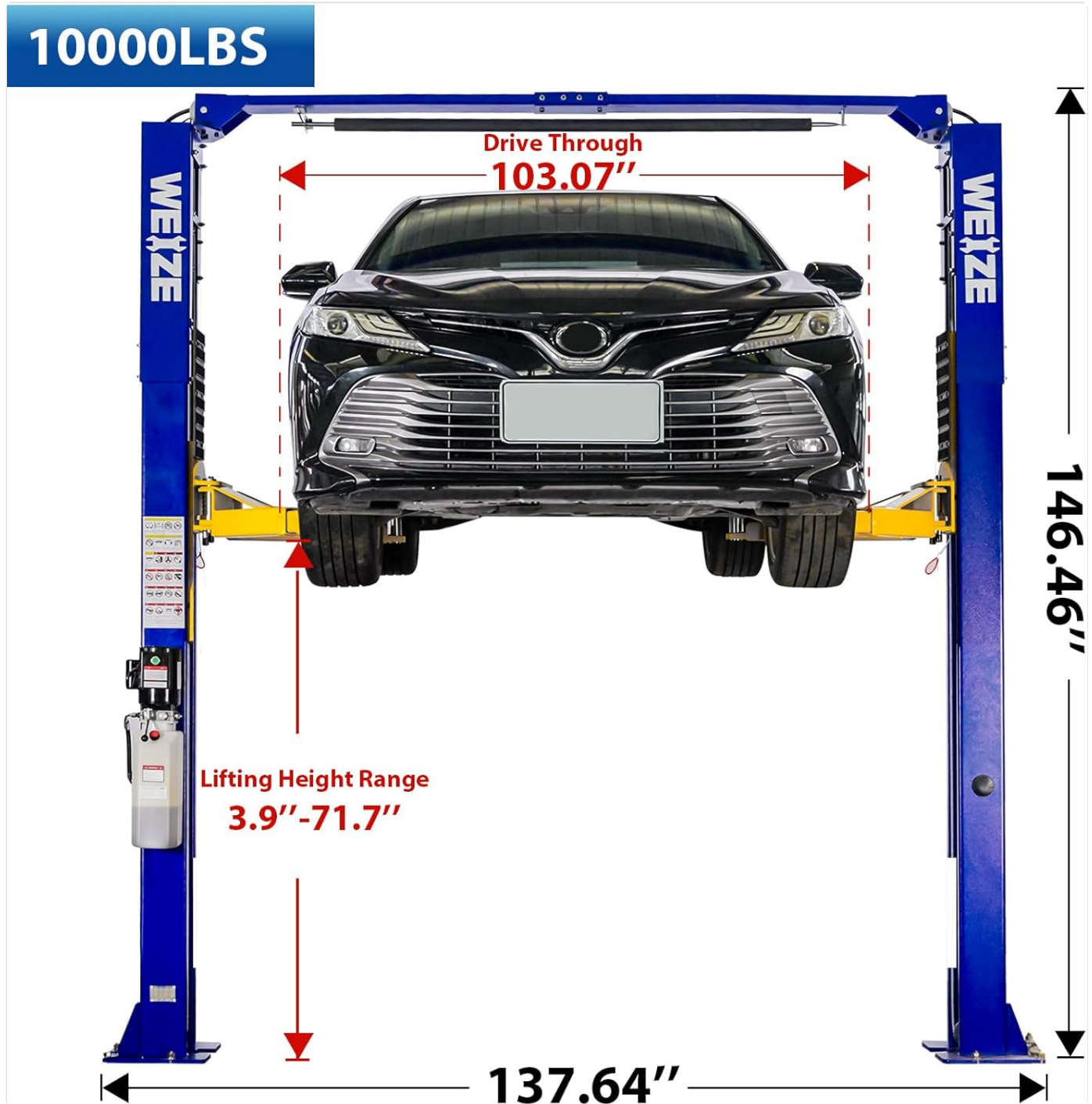
- **Columns:** Two sturdy vertical posts that support the lifting mechanism.
- **Lifting Arms:** Adjustable arms with rubber pads designed to cradle the vehicle's frame.
- **Hydraulic Power Unit:** Contains the motor and pump responsible for generating hydraulic pressure to lift the arms.
- **Safety Locks:** Mechanical locking mechanisms integrated into the columns to secure the lift at various heights.
- **Cables and Chains:** Steel cables and chains synchronize the movement of the lifting arms.
- **Rubber Door Guards:** Protective strips on the columns to prevent damage to vehicle doors.

SETUP AND INSTALLATION

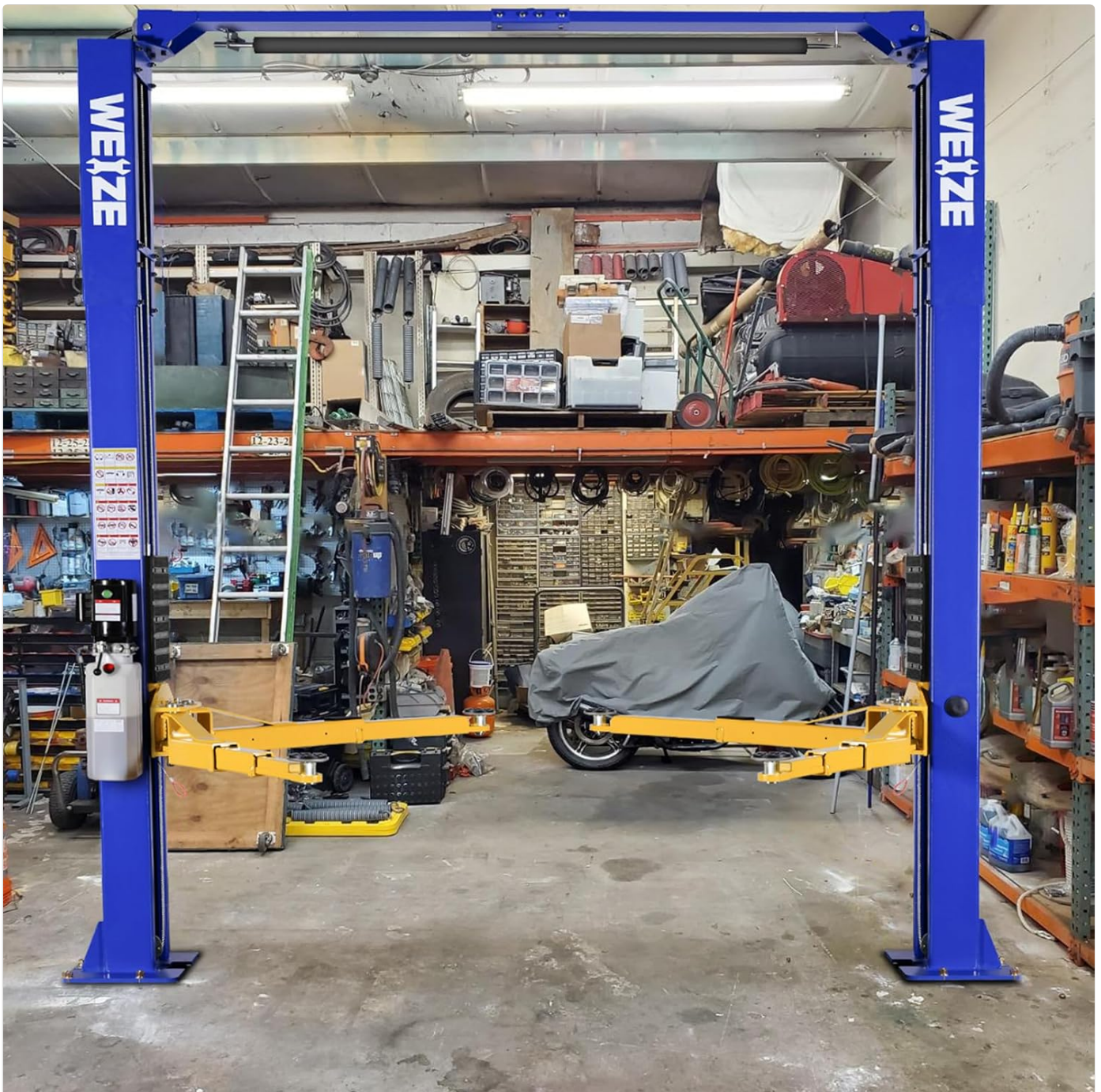
Proper installation is critical for the safe and effective operation of your car lift. It is highly recommended that installation be performed by experienced professionals.

Site Requirements:

- **Foundation:** The lift must be installed on a level concrete floor that meets minimum thickness and strength requirements. Consult local building codes and a structural engineer if unsure.
- **Space:** Ensure adequate overhead clearance and surrounding workspace.
- **Dimensions:** The lift has a pass-through width of 103.07 inches, overall width of 137.64 inches, and a height of 146.46 inches.



This diagram illustrates the critical dimensions of the lift, including its overall width (137.64 inches), height (146.46 inches), drive-through width (103.07 inches), and the lifting height range (3.9 to 71.7 inches).



This image shows the WEIZE 2 Post Car Lift installed in a typical garage environment, highlighting its space-efficient design.

Electrical Requirements:

- The 3 HP motor requires appropriate electrical supply. Consult the motor's specifications for voltage and amperage requirements.

Assembly Steps (General):

1. Unpack all components and verify against the packing list.
2. Position the columns according to the installation diagram, ensuring proper spacing and alignment.
3. Anchor the columns securely to the concrete floor using appropriate anchors.
4. Install the overhead beam (if applicable) and connect the hydraulic lines and equalization cables/chains.
5. Mount the hydraulic power unit and connect it to the hydraulic cylinders.
6. Fill the hydraulic reservoir with the specified N32/N46 hydraulic oil.
7. Perform initial system checks and bleed air from the hydraulic system as per detailed instructions in the full

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your WEIZE 2 Post Car Lift.

Pre-Operation Checklist:

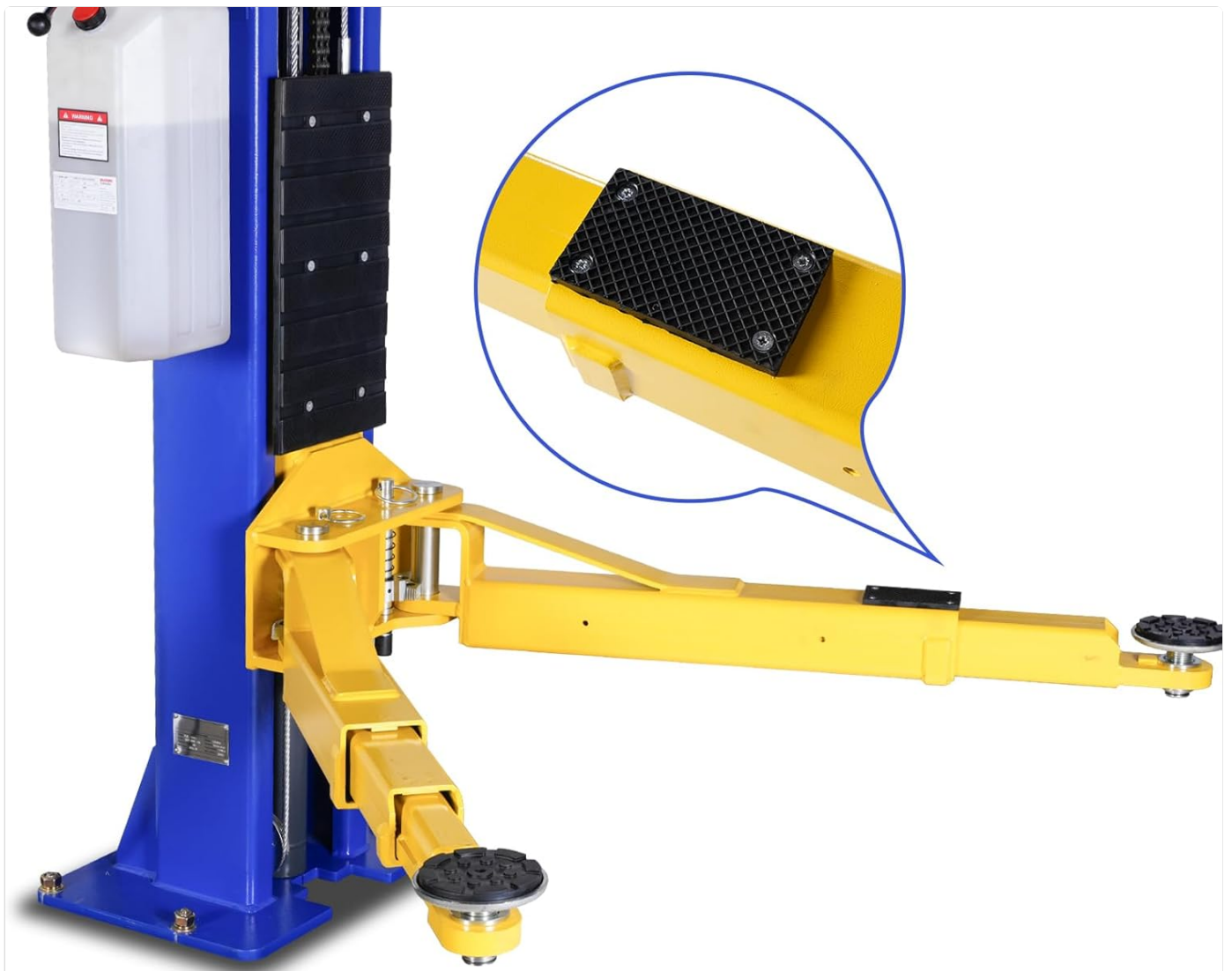
- Ensure the lift area is clear of obstructions.
- Verify hydraulic oil level is adequate.
- Inspect cables, chains, and hydraulic lines for any signs of wear or damage.
- Confirm all safety locks are disengaged before lifting.

Lifting a Vehicle:

1. Position the vehicle centrally between the columns.
2. Adjust the lifting arms to ensure the rubber pads are securely placed under the vehicle's designated lifting points. Ensure the vehicle is balanced.
3. Engage the automatic arm restraints.
4. Press the "UP" button on the hydraulic power unit to raise the vehicle slowly.
5. Monitor the vehicle's stability as it rises. If any instability is observed, lower the vehicle immediately and re-position.
6. Once the desired height is reached, lower the lift slightly until the safety locks engage. This transfers the load from the hydraulic system to the mechanical locks.
7. Always ensure both safety locks are fully engaged before working under the vehicle.



This image shows a vehicle securely positioned and lifted by the WEIZE 2 Post Car Lift, illustrating its primary function.



Safely lift vehicles weighing up to 10000 Lbs

This close-up highlights the robust lifting arm and pad, designed to safely support vehicles weighing up to 10,000 lbs.



Easier for users to repair and maintain cars

This image demonstrates how the lift pads are positioned under a vehicle, facilitating easier access for repair and maintenance tasks.

Lowering a Vehicle:

1. Ensure the area beneath the vehicle is clear.
2. Slightly raise the lift to disengage the safety locks.
3. Pull the safety lock release handles (double point release system) to unlock both columns.
4. Press the "DOWN" button or release lever on the hydraulic power unit to slowly lower the vehicle.
5. Once the vehicle is fully lowered and the arms are clear, carefully drive the vehicle off the lift.

MAINTENANCE

Regular maintenance is essential to ensure the longevity and safe operation of your WEIZE 2 Post Car Lift.

Daily Checks:

- Inspect all cables, chains, and hydraulic hoses for wear, fraying, or leaks.
- Check the hydraulic fluid level. Top up with N32/N46 hydraulic oil if necessary.
- Ensure all safety locks engage and disengage smoothly.
- Verify that arm restraints are functioning correctly.

Monthly Checks:

- Lubricate all moving parts, including pulleys, chains, and arm pivot points.
- Check anchor bolts for tightness.
- Clean the columns and arms to prevent buildup of dirt and debris.

Annual Checks:

- Have a qualified technician inspect the entire lift system, including hydraulic cylinders, power unit, and structural integrity.
- Replace hydraulic fluid as recommended by the manufacturer or if it appears discolored.

TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems, contact qualified service personnel.

Problem	Possible Cause	Solution
Lift does not raise.	No power; low hydraulic fluid; motor issue.	Check power supply; add hydraulic fluid; consult electrician.
Lift lowers slowly or unevenly.	Air in hydraulic system; fluid leak; worn seals.	Bleed air from system; check for leaks and repair; replace seals.
Safety locks not engaging.	Obstruction; mechanical issue; worn components.	Clear obstruction; inspect and repair mechanism; replace worn parts.
Excessive noise during operation.	Low fluid; worn pump; misaligned components.	Check fluid level; inspect pump; check alignment.

SPECIFICATIONS

Feature	Detail
Model	PLA-1001-H
Load Capacity	10,000 lbs (1E+4 LB)
Motor Power	3 HP
Pass-Through Width	103.07 inches
Overall Width	137.64 inches
Overall Height	146.46 inches
Lifting Height Range	3.9 inches - 71.7 inches

Feature	Detail
Hydraulic Oil Type	N32/N46
Temperature Range	-5°C to +40°C
Altitude Tolerance	Up to 200m above sea level
Color	Blue
Style	Hydraulic

WARRANTY AND SUPPORT

WEIZE products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or contact WEIZE customer support directly.

For technical assistance, parts, or service inquiries, please visit the official WEIZE store or contact their customer support team. You can find more information and contact details on the [WEIZE Amazon Store](#).

