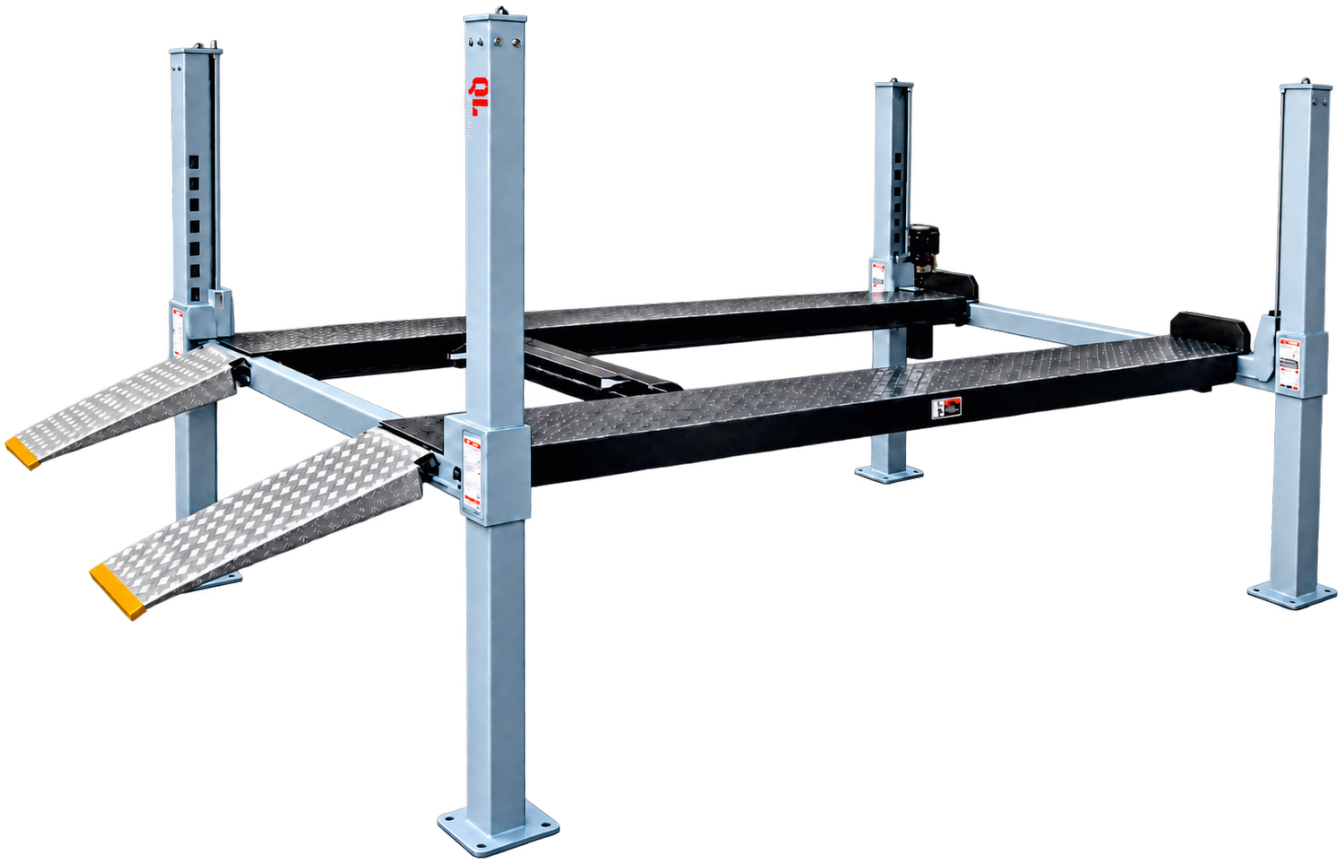
OWNER & OPERATION MANUAL

QL7.5KTL

7,500 lb Four-Post Trailer Lift



Read this manual before operating the lift. Set the platform on all four mechanical locks before accessing the space below or storing a load.

Installation and commissioning must be completed by qualified personnel using model-specific installation information.

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Product Overview

The Quick Lift USA QL7.5KTL four-post trailer lift supports compatible trailers and wheeled loads up to a total of 7,500 lb. Adjustable runway spacing helps align the runways with suitable wheel positions. For boat storage, the boat remains on its trailer.

The crossbeams are supported by carriages that travel along the columns. Black diamond-plate steel runways span the crossbeams. This column-and-carriage arrangement provides a 118 3/4 in. drive-through opening and 129 3/4 in. between columns.

Hydraulic power raises the platform through a cable-and-pulley system. A manual safety-lock release resets automatically. Mechanical locks engage at preset positions, while secondary cable safety devices provide additional protection if a lifting cable becomes slack or fails.

Removable aluminum approach ramps are included as standard equipment. Secure the ramps in their intended positions before loading or unloading. Inspect the ramps and their attachment points before every use.

Read the operating and safety instructions before use. Keep this manual with the lift and make sure every operator understands the controls and mechanical lock procedure.

Specifications

Specification	Value
Rated lifting capacity	7,500 lb total
Column arrangement	Crossbeam carriages travel along the columns
Overall length with ramps	246 in.
Overall length without ramps	201 13/16 in.
Overall width	144 1/2 in.
Overall height	104 1/8 in.
Width between columns	129 3/4 in.
Drive-through clearance	118 3/4 in.
Lifting height on locks	84 3/8 in.
Minimum runway height	6 5/16 in.
Runway length	190 1/2 in.
Runway width	19 in.
Adjustable clear runway spacing	49 1/2-69 1/2 in.
Runway surface	Black diamond-plate steel
Gross shipping weight	2,500 lb
Shipping package, L x W x H	194 7/8 x 22 1/16 x 29 1/2 in.

Safety Instructions

7,500 lb total capacity. Include the trailer, boat or vehicle, fuel, equipment and every other supported item in the total load. Do not exceed the rating. The total capacity does not establish an individual wheel, axle, accessory or runway rating.

Operate only after qualified installation and commissioning. Inspect the lift before every use. Keep people clear of the platform, columns, carriages, crossbeams, cables and ramps during movement. No one may ride on the lift or remain in a boat or vehicle while it moves.

Verify wheel spacing, wheelbase and all required support points before loading. Use approved trailer support arrangements. Do not assume a tongue jack or caster can bear on a tray or runway. Apply a parking brake where applicable and use suitable wheel chocks to prevent rolling.

Before accessing the space beneath the lift or storing a load, lower the platform onto all four mechanical locks at the same level. Visually verify full engagement. Never rely on hydraulic pressure alone.

Before lowering, raise slightly to unload the mechanical locks, then operate the manual release and lowering controls. Stop if a lock fails to release, a corner binds, movement becomes uneven or the load shifts.

Never bypass a safety device, alter cable routing or adjust a pressure-relief valve to increase capacity. Do not modify structural components. Stop use if cables, locks, welds, fasteners, hydraulic lines or electrical controls are damaged.

Keep the runway tread and floor free of oil, water and debris. Maintain adequate overhead clearance and a clear descent path. Use on a suitable level indoor foundation.

Installation Planning

Qualified installer. Have the lift assembled, aligned, connected and commissioned by personnel qualified for this equipment. Use installation instructions, cable-routing diagrams and parts information specific to the QL7.5KTL.

Footprint and clearance. Plan for 246 in. of overall length with ramps, 144 1/2 in. of width and 104 1/8 in. of height. Allow additional space for the trailer tongue, the load, ramps, controls and safe access. Check garage doors, tracks, lights and overhead structure.

Foundation. Have the installer verify slab condition, thickness, strength, reinforcement and any required anchor type, embedment and torque for the installation. Obtain the applicable requirements from Quick Lift USA before assembly or anchoring. Do not install on defective or unsuitable concrete.

Electrical connection. A qualified electrician must connect the power unit using its actual motor nameplate and wiring instructions. Verify supply voltage, frequency, circuit protection and grounding before energizing the unit.

Receiving inspection. Inspect the shipment for freight damage. Compare the delivered equipment and accessories with the order. Report missing or damaged items before installation. Heavy crates require suitable unloading equipment.

Hydraulic fluid. Use the hydraulic fluid and fill level specified for the installed power unit. Check the level with the cylinder retracted and the platform fully lowered. Do not overfill or use unidentified fluids.

Pre-Use & Commissioning Checks

Before first use, the installer must verify column alignment, carriage travel, crossbeam and runway connections, cable routing and tension, hydraulic connections, electrical operation and safety-device function.

Check every cable in its correct pulley groove. Cable terminations and adjustment hardware must be secure. Confirm guards, retaining clips, pins and covers are fitted correctly.

Test the lift without a load. Watch all four corners during raising and lowering. Stop immediately if a cable leaves its groove, a carriage binds or movement is uneven.

Test mechanical lock engagement at several available heights. Lower gently onto all four locks at the same level and visually confirm that they support the platform. Raise slightly before testing manual release and lowering.

Confirm that the manual lock-release mechanism returns automatically and that all locks re-engage reliably. Have the secondary cable safety devices inspected without disabling or bypassing them.

Recheck fasteners, fluid level and hydraulic connections after the empty cycles. Correct every fault before loading. Any loaded acceptance test must follow the approved procedure and remain within the rated capacity.

Record the installation and commissioning results. Train the operator in load placement, raising, support on locks, manual release and controlled lowering.

Loading & Raising

1. Inspect the lift. Check the daily inspection items before loading. Verify that the platform is fully lowered, the runways are correctly positioned and all runway retaining connections are secure.

2. Check the load. Confirm the complete supported weight is no more than 7,500 lb. Check wheel locations, trailer support points, tongue clearance and overall height. Never change runway spacing with a load on the lift.

3. Load slowly. Secure the supplied approach ramps in their intended positions. Use a spotter if needed. Guide the load onto the runways without contacting columns or carriages. Do not use wheel stops as a means to stop a moving load.

4. Secure the trailer or vehicle. Apply the parking brake where applicable and use suitable chocks. Verify stable support before disconnecting the tow vehicle. Keep people clear of the lifting area.

5. Raise. Operate the raising control and watch the load and all four carriages. Release the control immediately if a corner binds, movement is uneven or the load moves.

6. Set on locks. Lower gently onto the selected locking position. All four locks must engage at the same level. Visually verify engagement before accessing the space below or leaving the load in storage.

The specified height on locks is 84 3/8 in. This is the runway elevation, not a guarantee of unobstructed clearance beneath the crossbeams or a stored load.

Lowering & Unloading

1. Clear the descent path. Remove any vehicle, equipment and people from beneath the platform. Check the full movement area and keep a clear view of the load.

2. Unload the locks. Raise the platform slightly so the locks no longer carry its weight. Do not force the release control against loaded locks.

3. Release and lower. Operate the manual safety-lock release and the lowering control according to the installed control labels. Watch all four corners. Stop immediately if a lock catches or movement is uneven.

4. Lower fully. Do not remove chocks or unload at an elevated position. Confirm that approach ramps are securely in place and the trailer remains properly supported.

5. Unload slowly. Reconnect the tow vehicle only after confirming stable trailer support. Remove chocks when ready to move and guide the load off the lift with the path clear.

Power loss or malfunction. Keep people clear and contact Quick Lift USA or a qualified service technician. Do not attempt improvised valve repairs, cable adjustments or lowering beneath a load.

Do not move a loaded lift. If a caster kit is fitted, use only its approved empty-lift relocation procedure and recheck installation requirements before reuse.

Inspection & Maintenance

Interval	Checks
Before every use	Inspect cables and terminations, pulleys, mechanical locks, manual release, secondary cable safety devices, carriages, guards, runway connections, ramps, hydraulic lines and electrical controls.
Weekly	Inspect hardware, foundation attachments where fitted, carriage guides and pulley operation. Check hydraulic fluid level with the lift fully lowered, following the power-unit instructions.
Scheduled service	Have a qualified technician inspect wear, cable condition, lock alignment, lubrication points and hydraulic operation. Follow the installed power-unit instructions for fluid changes and service intervals.

Remove the load before maintenance wherever possible. Lower fully, isolate electrical power and safely support all moving components. Never loosen a pressurized hydraulic fitting or remove a loaded lock, cable or pin.

Take the lift out of service for broken cable wires, kinks, severe wear, corrosion, damaged terminations, unreliable locking, leaks, unusual noise or structural damage. A qualified technician must assess and correct the fault before reuse.

Use approved replacement components matched to model and serial number. Keep lubricant away from runway surfaces and the floor. Maintain a written inspection and service log.

Troubleshooting & Support

Symptom	Action
Motor does not run	Stop operation. A qualified electrician must check the supply, protection, controls and motor wiring.
Motor runs but lift does not rise	Have a qualified technician check fluid level, pump intake, hydraulic circuit and the installed motor wiring.
Uneven motion or carriage binding	Release the control, keep people clear and stop use. Have the cable routing, tension, guides and alignment inspected.
Locks do not engage or release reliably	Stop use. Have lock alignment, return action, release mechanism and column/carriage alignment checked.
Hydraulic drift or leakage	Keep the platform supported on mechanical locks and stop use. A qualified technician must inspect the hydraulic system.

For assistance, provide model QL7.5KTL, the serial number, purchase date and clear photos of the affected component. Do not reproduce a malfunction with a load to record it.

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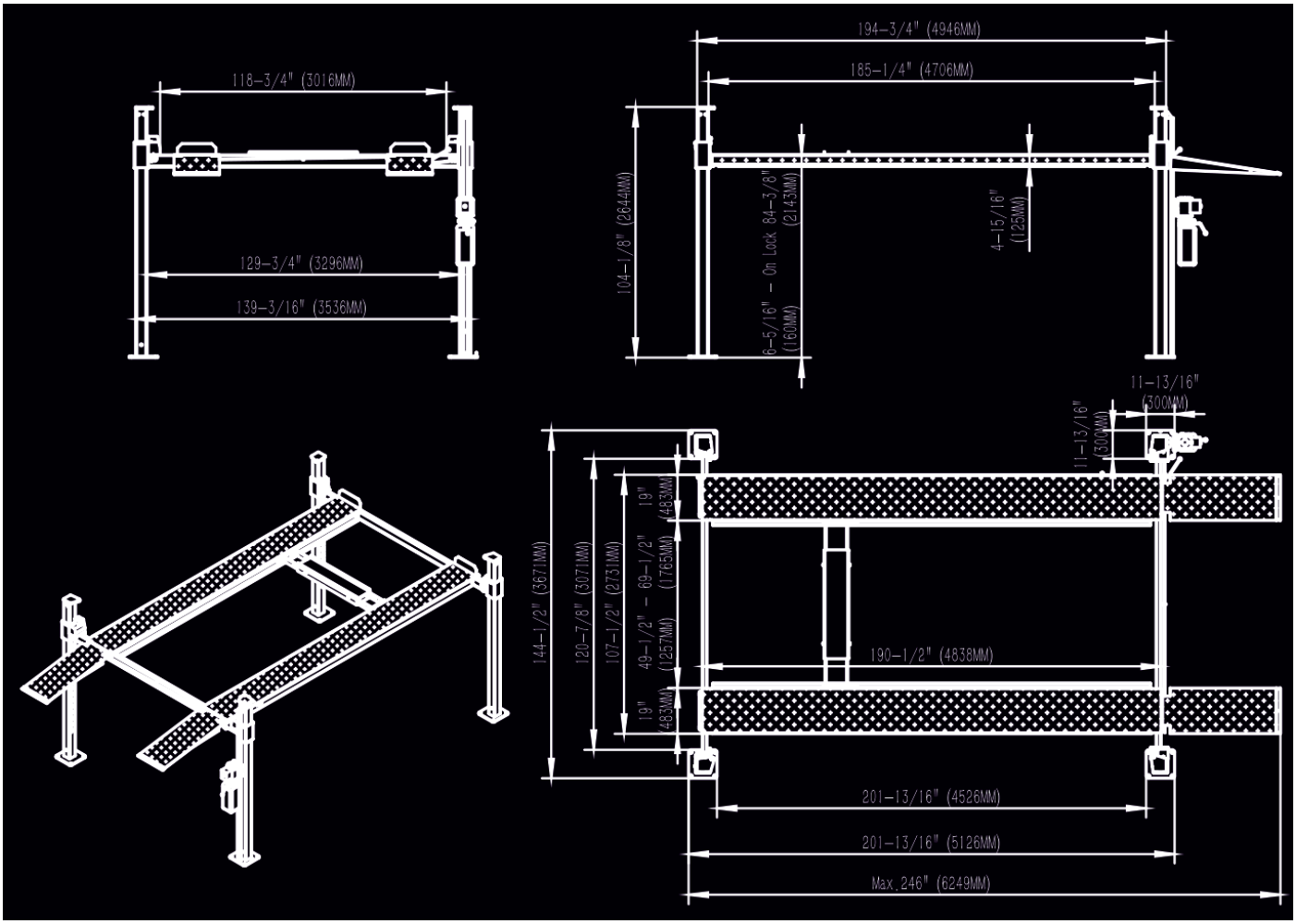
Two-year manufacturer warranty, excluding wearable components such as cables, hoses and seals. The warranty begins on the date of purchase, not the installation date or the date the crate is opened. Coverage is subject to the applicable purchase and warranty terms.

Installation & Service Record

Record	Details
Model	QL7.5KTL
Serial number	_____
Purchase date	_____
Installation date	_____
Installer	_____
Power-unit nameplate / supply	_____
Foundation / anchor requirements	_____
Commissioning inspection	_____
Service date / work performed	_____
Technician	_____

Keep this record with the lift and retain purchase and maintenance documents.

Dimension Drawing



Dimensions are in inches. Allow additional clearance for the load and trailer tongue.