

PLTC Dock Lift – Convenient Dock Lifting

Designed primarily for pit mounting, Autoquip's PLTC Dock Lift family extends from grade level to tackle most dock lifting needs. PLTC models offer two platform sizes, capacities ranging from 5,000 pounds to 15,000 pounds, and over 60 inches of vertical travel. With a hinged approach ramp, solid steel construction and safety features like removable handrails and platform 4-way tread plate covering, the PLTC is well suited for fork truck loading and unloading applications commonly found in the automotive, aerospace, and retail industries. Features such as lifetime lubricated bearings, and direct-thrust lifting cylinders provide reliable and safe answers for a variety of dock loading problems.

While the standard PLTC Dock Lift is packed with features, Autoquip's custom-engineered designs offer the flexibility to fit almost any dock lifting application. Autoquip's most popular and versatile family of hydraulic scissor lifts, the PLTC Dock Scissor Lifts have been manufactured in America's heartland since 1982 and are designed to the highest standards of safety and reliability.



Features and Benefits

- Joints, the most critical wear points in the lift, feature chrome-plated, 100,000-psi, ultimate-strength pins for premium load strength and long life.
- Solid steel legs and added stiffeners provide overall stability and straight, repeatable roller tracking as the lift raises and lowers.
- Thick steel reinforced platform minimizes deck deflection, maximizes load stability, and extends life of the platform deck.
- On-board maintenance devices enable maintenance crews to safely and effectively block open the scissors during inspection and routine maintenance.
- Maintenance-free bearings at pivot points require no lubrication.
- Efficient and highly serviceable hydraulic power unit.
- Double wire braided Parker hydraulic hoses resist wear, abrasion, and leaks.
- Easy replacement of high-strength steel rollers minimizes downtime.
- Autoquip offers a 1-year warranty on all parts as a promise that you've purchased the industry's most reliable lift.
- Simple Up/Down pushbutton operation.
- Throw-over bridge conveniently covers transition gaps.
- Removable handrails allow for safe maneuvering of workers.
- Beveled platform sides protect workers' feet and toes.
- Hydraulic velocity fuses completely stop lifts in the unlikely event of uncontrolled descent due to sudden hose rupture.
- Minimum 3:1 structural factor of safety makes these lifts the most structurally sound lift in the industry.
- Compliance with recognized standards:
 - ANSI MH29.1 - Safety Requirements for Industrial Scissors Lifts
 - NFPA 70 - National Electric Code
 - ASTM - A36 - Structural Steel Standard
 - ANSI Z535 - Safety Labeling Requirements
 - AWS D.1 - Welding Standards
 - Applicable portions of OSHA 29CFR1910 - General workplace safety

// PLTC DOCK LIFT



Models	Travel (inches)	Capacity (lbs#)	Lowered Height (inches)	Raised Height (inches)	Base Frame Width (inches)	Base Frame Length (inches)	Minimum Platform Width (inches)	Minimum Platform Length (inches)	Maximum Platform Width (inches)	Maximum Platform Length (inches)	Motor Size (hp)	Number of Cylinders	Shipping Weight Approx# (lbs#)	Standard Hydraulic Power Unit	Raising and Lowering Speed Loaded (fpm)	Hinged Bridge Width (inches)	Hinged Bridge Length (inches)	Axle Load Cap# Over Bridge End (lbs#)	Axle Load Cap# Opposite Bridge End (lbs#)	Axle Load Cap# Over Sides (lbs#)
PLTC-58120	58	12000	12.5	70.5	60.75	96.5	72	100	72	100	5	2	4900	REMOTE	6	72	12	10000	10000	8000
PLTC-58120S	58	12000	12.5	70.5	60.75	96.5	72	120	72	120	5	2	5300	REMOTE	6	72	12	8000	8000	8000
PLTC-58120B	58	12000	12.5	70.5	60.75	96.5	84	120	84	120	5	2	4950	REMOTE	6	72	12	8000	8000	7200
PLTC-58120A	58	12000	12.5	70.5	60.75	96.5	96	100	96	100	5	2	5100	REMOTE	6	72	12	10000	10000	6400
PLTC-58120K	58	12000	12.5	70.5	60.75	96.5	96	120	96	120	5	2	5500	REMOTE	6	72	12	8000	8000	6400
PLTC-58150	58	15000	12.5	70.5	60.75	96.5	72	100	72	100	5	2	4900	REMOTE	6	72	12	10000	10000	8000
PLTC-58150S	58	15000	12.5	70.5	60.75	96.5	72	120	72	120	5	2	5300	REMOTE	6	72	12	8000	8000	7200
PLTC-58150B	58	15000	12.5	70.5	60.75	96.5	84	120	84	120	5	2	4950	REMOTE	6	72	12	8000	8000	8000
PLTC-58150A	58	15000	12.5	70.5	60.75	96.5	96	100	96	100	5	2	5100	REMOTE	6	72	12	10000	10000	6400
PLTC-58150K	58	15000	12.5	70.5	60.75	96.5	96	120	96	120	5	2	5500	REMOTE	6	72	12	8000	8000	6400
PLTC-6050	60	5000	8	68	58	90	72	96	72	96	5	2	2800	REMOTE	12	72	12	3000	3000	2500
PLTC-6050S	60	5000	8	68	58	90	72	120	72	120	5	2	3400	REMOTE	12	72	12	2000	2000	2500
PLTC-6050B	60	5000	8	68	58	90	84	120	84	120	5	2	3400	REMOTE	12	72	12	2000	2000	2250
PLTC-6050A	60	5000	8	68	58	90	96	96	96	96	5	2	3300	REMOTE	12	72	12	3000	3000	2000
PLTC-6050K	60	5000	8	68	58	90	96	120	96	120	5	2	3600	REMOTE	12	72	12	2000	2000	2000
PLTC-6060	60	6000	8	68	58	90	72	96	72	96	5	2	3000	REMOTE	12	72	12	3000	3000	2500
PLTC-6060S	60	6000	8	68	58	90	72	120	72	120	5	2	3400	REMOTE	12	72	12	2000	2000	2500
PLTC-6060B	60	6000	8	68	58	90	84	120	84	120	5	2	3500	REMOTE	12	72	12	2000	2000	2250
PLTC-6060A	60	6000	8	68	58	90	96	96	96	96	5	2	3400	REMOTE	12	72	12	3000	3000	2000
PLTC-6060K	60	6000	8	68	58	90	96	120	96	120	5	2	3600	REMOTE	12	72	12	2000	2000	2000
PLTC-6070	60	7000	12	72	60.75	96.5	72	100	72	100	5	2	4600	REMOTE	6	72	12	6400	6400	6400
PLTC-6070S	60	7000	12	72	60.75	96.5	72	120	72	120	5	2	4800	REMOTE	6	72	12	6400	6400	6400
PLTC-6070B	60	7000	12	72	60.75	96.5	84	120	84	120	5	2	4900	REMOTE	6	72	12	6400	6400	6000
PLTC-6070A	60	7000	12	72	60.75	96.5	96	100	96	100	5	2	4780	REMOTE	6	72	12	6400	6400	5400
PLTC-6070K	60	7000	12	72	60.75	96.5	96	120	96	120	5	2	5100	REMOTE	6	72	12	6400	6400	5400
PLTC-6080	60	8000	12	72	60.75	96.5	72	100	72	100	5	2	4700	REMOTE	6	72	12	6400	6400	6400
PLTC-6080S	60	8000	12	72	60.75	96.5	72	120	72	120	5	2	4800	REMOTE	6	72	12	6400	6400	6400
PLTC-6080B	60	8000	12	72	60.75	96.5	84	120	84	120	5	2	5100	REMOTE	6	72	12	6400	6400	6000



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PLTC-6080A	60	8000	12	72	60.75	96.5	96	100	96	100	5	2	4890	REMOTE	6	72	12	6400	6400	5400
PLTC-6080K	60	8000	12	72	60.75	96.5	96	120	96	120	5	2	5300	REMOTE	6	72	12	6400	6400	5400
PLTC-60100	60	10000	12	72	60.75	96.5	72	100	72	100	5	2	4800	REMOTE	6	72	12	8000	8000	6400
PLTC-60100S	60	10000	12	72	60.75	96.5	72	120	72	120	5	2	4900	REMOTE	6	72	12	6400	6400	6400
PLTC-60100B	60	10000	12	72	60.75	96.5	84	120	84	120	5	2	5200	REMOTE	6	72	12	6400	6400	6000
PLTC-60100A	60	10000	12	72	60.75	96.5	96	100	96	100	5	2	4990	REMOTE	6	72	12	8000	8000	5400
PLTC-60100K	60	10000	12	72	60.75	96.5	96	120	96	120	5	2	5400	REMOTE	6	72	12	6400	6400	5400



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Options

Platform

Larger Platform Sizes (refer to model specifications for minimum-maximum allowable sizes)
Throw Over Bridge and Approach Ramps
Handrails -- removable & permanent
Accordion Skirts -- standard & special configurations
Smooth Plate -- in place of non-skid
Added Rollover Capacity
Shuttle Decks
Lifting Eyes -- eye bolts not included
Night Locks
Fully Automatic Mechanical Wheel Chock

Power Unit Options

Connection Hose
Remote Power Units
Installation Package -- includes 5 gallons of oil and 20 ft. of hose
Wall Mounting Brackets
Cover for Remote Power Unit
Internal 5HP Super Torque Intermittent Duty Motor (230/460V/3PH-60CY,TENV)
Hand Operated Up/Down Control
Water Glycol -- non-flammable oil with viton seals in lift cylinders
Food Grade Oil
Biodegradable Oil
Dipstick
Manual Valve to Shoot Off Pressure Line (remote power units only)
Oil Immersion Heater (remote steel tank power units)
Sight Gauge (remote steel tank power units)
No Power Unit & No Controls

Electrical Options

Upper/Lower Travel Limit Switch -- shipped loose
Upper/Lower Travel Limit Switch -- mounted and wired
Key Operated On/Off Security Lockout Switch (NEMA-12)
115 Volt Controls
N-12 Enclosure -- mounted and prewired to power unit (110V & 24V control)
Key Operated Up/Down Switch (NEMA-12)
Upper/Lower Travel Limit Switch -- mounted not wired
115 Volt AC Down Solenoid Coil -- mounted only (controls not supplied)
24 Volt DC Down Solenoid Coil -- mounted only (controls not supplied)
Hook for Pushbutton
Weatherproof Push Button -- 20' coil cord
Audible Signal -- shipped loose
Audible Signal with Volume Adjust -- shipped loose
Prewired Audible Signal -- standard or adjustable (mounted in main control enclosure)

Flashing Red Light -- shipped loose

Twist Lock - male & female (for control only)

115 Volt Controls -- mounted & prewired (in lieu of standard 24 VAC)

No Controls

Baseframe

Built Up Baseframe -- to achieve specified lowered height up to 24" in addition to full standard travel

Paint

Standard Autoquip Colors

Special Paint Options

Epoxy Paint -- customer's color can be matched with paint chip/RAL paint #, or with an Autoquip equivalent paint (2 part epoxy, sand blasting of unit recommended)

Steel-it -- stainless steel filled urethane primer and finish coating (MCU type IV for incidental food contact)

Primer Only

Tile Clad Epoxy -- sand blasting of unit required

Cold Galvanizing (painting steel with a suspension of zinc particles in an organic solvent, so that a zinc coating remains following evaporation of the solvent)

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