

TorkLift T2 Heavy Duty Scissor Lifts – Premium Lift Quality & Durability

The TorkLift family is Autoquip's premium series of work station hydraulic lifts. With five times the number of life cycles as competitive brands, these unique lifts have become the recognized standard for customers demanding a heavy duty lift that will provide durability, safety, and minimum down time in their manufacturing process. Every Torklift scissor lift comes standard with captured rollers, two piece self-aligning cylinder, and high impact spiral wound bearings, giving our customers the absolute most rigid, robust, and longest lasting heavy duty scissor lift available. Two sets of vertically stacked scissors are pinned directly together, stabilized, and raised simultaneously by common hydraulic cylinders. This heavy duty scissor lift table design creates a stable structure that consumes less floor space and travels the same vertical distance. Vertical travel ranges from 36 to 144 inches and capacities range from 2,000 to 10,000 pounds. Common applications for T2 lifts include parts assembly and disassembly, personnel work platforms, and access to multiple landings. Worker productivity and factory throughput are also greatly increased. Originally developed and built by American Lifts, the TorkLift T2 Heavy Duty Scissor Lift series has been made in the USA for over 30 years. Since Autoquip's acquisition of the American Lift company, the TorkLift series has been manufactured at our



factory in the heartland of America. Customers enjoy hundreds of non-standard features and unlimited possibilities when customizing these scissor lifts for a unique application.

Features and Benefits

- All scissor rollers are captured within structural steel channels to provide excellent load stability
- High impact, spiral wound bearings at every pivot point provide maintenance-free, rugged resistance to abrasion, impact, and uneven loads.
- Structural cross-members at every pinned joint in the scissors assembly minimizes leg deflection due to twisting or spreading under high/uneven loading.
- All hydraulic cylinders contain two-piece, self-aligning piston rods that transmit minimal side forces to the cylinder hinges/pins, significantly reducing wear.
- Structural steel channels in all top and lower frames provide additional rigidity and resistance to twisting/bending of the lift under load.
- Solid steel legs and added stiffeners provide overall stability and straight, repeatable roller tracking as the lift raises and lowers.
- 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.
- Minimum 1/4-inch-thick steel-reinforced platform minimizes deck deflection, maximizes load stability, and greatly extends the life of the platform deck.
- Autoquip offers an industry-best 2 year warranty on all parts as a promise that you've purchased the industry's most reliable scissor lift.
- On-board maintenance devices enable maintenance crews to safely and effectively block open the scissors during inspection and routine maintenance.
- Sturdy, semi-transparent polyurethane oil reservoir provides an easily visible method of checking fluid levels and eliminates oil contamination due to rust.
- Low pressure hydraulic circuit extends the life of all hydraulic components and puts less stress on the electric motor.
- Double wire braided Parker hydraulic hoses resist wear, abrasion, and leaks.
- Small footprint allows workers to stand closer to the product, minimizing the amount of floor space required for vertical travel.
- Standard controls are prewired with remote power unit. Installation simply includes lagging the unit to the ground and connecting to electricity.
- 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 Scissor 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

// TORKLIFT T2 DOUBLE PANTOGRAPH



Models	Travel (inches)	Capacity (lbs#)	Lowered Height (inches)	Raised Height (inches)	Max# End Load @ Std# Platform (lbs#)	Max# Side Load @ Std# Platform (lbs#)	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 Time Loaded (seconds)	Lowering Time Loaded (seconds)
T2-036-020	36	2000	10.5	46.5	1000	660	26	32	26	32	50	56	1.5	1	1800	REMOTE	13	8
T2-060-020	60	2000	11.5	71.5	1000	660	23	47.25	23	47.25	47	72	1.5	1	2000	REMOTE	21	13
T2-060-040	60	4000	11.75	71.75	2000	1320	33	47.25	33	47.25	57	72	5	2	2100	REMOTE	42	26
T2-072-020	72	2000	14	86	1000	660	47	56	47	56	71	80	1.5	1	1500	REMOTE	26	20
T2-072-040	72	4000	13.75	85.75	2000	1320	36	56	36	56	60	80	5	1	1600	REMOTE	35	20
T2-072-060	72	6000	16.75	88.75	3000	1980	35	56	35	56	59	80	5	1	2200	REMOTE	35	20
T2-072-080	72	8000	16.75	88.75	4000	2640	37	56	37	56	61	80	5	2	2800	REMOTE	70	40
T2-072-100	72	10000	18.125	90.125	5000	3300	45	57	45	57	69	81	5	2	3200	REMOTE	71	41
T2-084-100	84	10000	18.125	102.125	5000	3300	45	71	45	71	69	95	5	2	3500	REMOTE	86	49
T2-096-020	96	2000	15.125	111.125	1000	660	47	66	47	66	71	90	1.5	2	1600	REMOTE	50	30
T2-096-040	96	4000	16.75	112.75	2000	1320	42	76	42	76	66	100	5	2	1900	REMOTE	40	30
T2-096-060	96	6000	19.5	115.5	3000	1980	48	80	48	82	72	104	5	2	2200	REMOTE	45	30
T2-096-080	96	8000	19.5	115.5	4000	2640	48	80	48	80	72	104	5	2	2400	REMOTE	45	30
T2-120-020	120	2000	14.8125	134.8125	1000	660	46	94	46	94	70	118	5	2	1700	REMOTE	40	35
T2-120-040	120	4000	16.75	136.75	2000	1320	60	95	60	95	84	119	5	2	1900	REMOTE	45	40
T2-120-060	120	6000	20	140	3000	1980	48	96	48	96	72	120	5	2	2300	REMOTE	55	45
T2-144-020	144	2000	17.75	161.75	1000	660	72	96	75	96	96	120	5	2	1800	REMOTE	45	45
T2-144-040	144	4000	17.75	161.75	2000	1320	60	117	60	117	84	141	5	2	2100	REMOTE	50	45
T2-144-060	144	6000	21	165	3000	1980	60	117	60	117	84	141	5	2	2200	REMOTE	65	45



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Options

Platform

Larger Platform Sizes (refer to model specifications for minimum-maximum allowable sizes)

Special Platform Configurations & Shapes

Throw Over Bridge and Approach Ramps

"V" Deck

Conveyor -- gravity or powered, supplied and mounted

Shuttle Decks

Handrails -- removable & permanent

Accordion Skirts -- standard & special configurations

Four-way Non Skid Tread Plate

Bevel Toe Guard

Electric Toe Guards or Photoeye Toe Indicator

Stainless Steel Platform -- in lieu of carbon steel

Stainless Steel Skin -- bolted to platform

Lifting Eyes -- eye bolts not included

Power Unit Options

Connection Hose

Remote Power Units

Wall Mounting Brackets

Cover for Remote Power Unit

Super Torque 3/4 HP Single Phase Power Unit (internal)

Hydraulic Hose Quick Disconnect

Remote Air Operated Power Unit -- includes hand valve, lubricator and 5' hose

Hand Operated Up/Down Control

Foot Operated Up/Down Air Valve

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)

1HP Pump Unit

Three Phase for 5HP or 1HP Pump Units

1.5HP 3 Phase Pump Unit

3HP 3 Phase Pump Unit (intermittent)

3HP 3 Phase Pump Unit (heavy duty)

5HP 3 Phase Pump Unit (heavy duty)

Air Powered Hydraulic Pump (5HP and 1HP only)

Continuous Running Pump Unit (5HP, 1HP, 1.5HP)

Continuous Running Pump Unit (3HP and 5HP)

External Pump Unit

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Washdown (NEMA 4) Pump Unit

No Power Unit & No Controls

Electrical Options

Guarded Up/Down Foot Switch -- rated for NEMA 1 or NEMA 4

Upper/Lower Travel Limit Switch -- shipped loose

Upper/Lower Travel Limit Switch -- mounted and wired

Key Operated On/Off Security Lockout Switch (NEMA-12)

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)

Magnetic Push Button Station

Up/Down Push Button Station -- wall mounted (NEMA 4)

Up/Down Push Button Station -- pedestal mounted (NEMA 4)

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

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

No Controls

Baseframe

Fixed Wheel Transport Base -- available for track mounted lift with pocket mounted "V" or flanged 5" steel wheels

Anchor Clips

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

Fork Truck Pockets -- two sides of base frame

Fork Truck Pockets - all sides of base frame

Gates & Enclosures

Single Swing Gates

Biparting Swing Gates

Single Panel Vertical Acting Gates

Bi Panel Vertical Acting Gates

Horizontal Sliding Gates

Panels (standard 96" high)

Interlocks

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)

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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

Powder Coating (up to 60" travel)

High Cycle Package

High Cycle Packages available for American Lifts include: heavy duty cylinders (bushed), hardened wear strips, needle bearing rollers