

Heavy Duty Lift Table Delivering Superior Performance

The TorkLift is Autoquip's premium series of work station hydraulic lift tables. 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 scissors lift comes standard with captured rollers, two piece self-aligning cylinder, one-piece axle pins, and high impact spiral wound bearings, giving our customers the absolute most rigid, robust, and longest lasting heavy duty scissors lift available. Standard models can be purchased, but versatility and a vast number of models and options make TorkLift scissor lift tables exceptionally especially customizable to individual applications. Travel ranges from 24 to 72 inches and capacity ranges from 2,200 to 20,000 pounds. Common applications include improved ergonomics, worker productivity, and factory throughput in pallet build-up and break-down, parts assembly and disassembly, work positioning, and conveyor systems.

Originally developed and built by American Lifts, the TorkLift T1 Heavy Duty Lift Table 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 unlimited possibilities when customizing these scissors lifts for a unique application.



Features and Benefits

- All scissors 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.
- One-piece, removable center axle pin adds rigidity to the scissors mechanism and allows easy inspection and maintenance of the axle pin - a task that is virtually impossible on competing brands.
- 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.
- Standard controls are prewired and internal power unit is onboard. 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

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)	Raising or Lowering Time Loaded (seconds)	Motor Size (hp)	Number of Cylinders	Shipping Weight Approx# (lbs#)	Standard Hydraulic Power Unit
T1-024-022	24	2200	6	30	1100	1100	24	36	24	36	36	48	25/10	0.5	1	325	INTERNAL
T1-036-015	36	1500	6	42	750	750	24	48	24	48	36	60	30/8	0.5	1	450	INTERNAL
T1-036-022	36	2200	6.5	42.5	1100	1100	23.5	47	23.5	47	48	72	40/10	0.5	1	525	INTERNAL
T1-036-044	36	4400	6.5	42.5	2200	2200	23.5	47	23.5	47	48	72	32/15	1	2	600	INTERNAL
T1-036-060	36	6000	7	43	3000	3000	23.5	47	23.5	47	44	68	35/15	1	2	650	INTERNAL
T1-036-080	36	8000	12	48	4000	4000	45	59.5	45	59.5	66	80	43/15	1.5	2	2150	INTERNAL
T1-036-100	36	10000	14	50	5000	5000	35	62.5	35	62.5	54	82	47/15	1.5	2	2600	INTERNAL
T1-036-120	36	12000	14	50	6000	6000	35	62.5	35	62.5	54	82	47/15	1.5	2	2800	INTERNAL
T1-036-160	36	16000	16	52	8000	8000	35	70	35	70	54	92	39/15	5/C	2	3000	INTERNAL
T1-036-300	36	30000	17.375	53.375	15000	15000	36	80	36	80	56	100	60/18	5	4	3200	INTERNAL
T1-048-020	48	2000	8	56	1000	1000	28	65.5	28	65.5	48	86	55/15	0.5	1	1200	INTERNAL
T1-048-040	48	4000	8	56	2000	2000	28	65.5	28	65.5	48	86	40/15	1	2	1250	INTERNAL
T1-048-060	48	6000	9	57	3000	3000	28	65.5	28	65.5	48	86	52/15	1	2	1350	INTERNAL
T1-048-080	48	8000	13.25	61.25	4000	4000	30	77	30	77	50	98	70/15	1.5	2	3200	INTERNAL
T1-048-100	48	10000	15	63	5000	5000	40	80	40	80	60	100	70/15	1.5	2	3600	INTERNAL
T1-048-120	48	12000	16	64	6000	6000	40	80	40	80	60	100	70/15	1.5	2	3600	INTERNAL
T1-048-160	48	16000	16	64	8000	8000	40	80	40	80	60	100	97/20	1.5	3	3600	INTERNAL
T1-048-200	48	20000	16	64	10000	10000	40	80	40	80	60	100	97/20	1.5	3	4400	INTERNAL
T1-048-300	48	30000	18	66	15000	15000	44	84	48	84	62	102	46/27	5HP	4	6000	INTERNAL
T1-060-025	60	2500	9.75	69.75	1250	1250	48.5	95.75	48.5	95.75	68	116	40/15	1.5	2	2100	INTERNAL
T1-060-040	60	4000	9.75	69.75	2000	2000	47	82	47	82	68	102	40/15	1.5	2	2100	INTERNAL
T1-060-060	60	6000	11.75	71.75	3000	3000	54	97	54	97	74	118	80/15	1.5	2	2300	INTERNAL
T1-060-090	60	9000	14.5	74.5	4500	4500	54	99	54	99	74	120	80/15	1.5	2	3200	INTERNAL
T1-060-120	60	12000	14.5	74.5	6000	6000	54	99	54	99	74	120	80/15	1.5	2	4000	INTERNAL
T1-060-160	60	16000	15.5	75.5	8000	8000	60	100	60	100	80	120	80/30	5/C	4	5000	INTERNAL
T1-060-200	60	20000	15.5	75.5	10000	10000	60	100	60	100	80	120	80/30	5/C	4	5600	INTERNAL
T1-060-300	60	30000	18.5	78.5	15000	15000	64	104	64	104	83	122	75/30	5HP	4	6300	INTERNAL
T1-072-020	72	2000	9.75	81.75	1000	1000	47	108	47	108	68	128	64/15	1	2	2300	INTERNAL
T1-072-040	72	4000	11.25	83.25	2000	2000	45	100	45	100	66	120	45/18	1.5	1	2600	INTERNAL

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T1-072-060	72	6000	12.75	84.75	3000	3000	47	108	47	108	68	128	80/20	1.5	2	3400	INTERNAL

Options

Platform

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

Special Platform Configurations & Shapes

Conveyor -- gravity or powered, supplied and mounted

"V" Deck

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

Teledyne Hand Pump

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

Portability Set -- includes (2) wheels (end or side mounted), lifting tongue & dolly handle
Fixed Wheel Transport Base -- available for track mounted lift with pocket mounted "V" or flanged 5" steel wheels
Caster Type Transport Base -- moves a loaded lift with maximum capacity 6,000 lbs
Floor Lock -- foot activated (mounted to baseframe)
Locking Swivel Casters -- must have caster transport option
Casters with Brake -- set of two, must have transport option
Steel Wheels -- 2 fixed/2 swivel, dolly handle, clevis and pin
Phenolic Surface 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)

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