

TorkLift T3 Heavy Duty Scissors 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 scissors 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 scissors lift available. Three 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 than single and double pantograph lifts, but travels the same vertical distance. Vertical travel ranges from 72 to 144 inches and capacities range from 2,000 to 6,000 pounds. Common applications for T3 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 T3 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 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.
- 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 to a 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 T3 TRIPLE 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	Lowering Time Loaded (seconds)
T3-048-040	48	4000	16.5	64.5	1600	1000	32	33	32	33	56	57	1.5	3	2725	REMOTE	35
T3-048-060	48	6000	19	67	2400	1500	34	34	34	34	58	58	1.5	3	2775	REMOTE	35
T3-060-020	60	2000	15.75	75.75	800	500	24	38.875	24	38.875	48	62.875	1	2	2695	REMOTE	50
T3-060-040	60	4000	17.0625	77.0625	1600	1000	32	39	32	39	56	63	1.5	3	2875	REMOTE	40
T3-060-060	60	6000	17.0625	77.0625	2400	1500	32	39	32	39	56	63	1.5	3	2950	REMOTE	45
T3-072-020	72	2000	15.75	87.75	800	500	30	44	30	44	54	68	1	2	2775	REMOTE	60
T3-072-040	72	4000	17.5625	89.5625	1600	1000	34	45	34	45	58	69	1.5	3	3050	REMOTE	45
T3-072-060	72	6000	18.4375	90.4375	2400	1500	32	45	32	45	56	69	1.5	3	3195	REMOTE	50
T3-084-020	84	2000	17.0625	101.0625	800	500	32	51	32	51	56	75	1.5	2	2950	REMOTE	40
T3-084-040	84	4000	19.5625	103.5625	1600	1000	40	58	40	58	64	82	1.5	3	3075	REMOTE	55
T3-084-060	84	6000	22	106	2400	1500	36	54	36	54	60	75	1.5	3	3395	REMOTE	55
T3-096-020	96	2000	17.0625	113.0625	800	500	38	56	38	56	62	80	1.5	2	3150	REMOTE	40
T3-096-040	96	4000	20.5625	116.5625	1600	1000	40	58	40	58	64	82	5	3	3595	REMOTE	30
T3-096-060	96	6000	21.25	117.25	2400	1500	46	59	46	59	70	83	5	4	3675	REMOTE	45
T3-108-020	108	2000	18.625	126.625	800	500	42	63	42	63	66	87	1.5	2	3150	REMOTE	45
T3-108-040	108	4000	22	130	1600	1000	48	64	48	64	72	88	5	3	3595	REMOTE	35
T3-108-060	108	6000	23.5	131.5	2400	1500	54	65	54	65	78	89	5	4	3675	REMOTE	45
T3-120-020	120	2000	18.5625	138.5625	800	500	48	69	48	69	72	93	1.5	2	3475	REMOTE	50
T3-120-040	120	4000	22.5625	142.5625	1600	1000	48	70	48	70	72	94	5	3	3875	REMOTE	40
T3-120-060	120	6000	22.5625	142.5625	2400	1500	56	70	56	70	80	94	5	4	3975	REMOTE	55
T3-132-020	132	2000	22	154	800	500	54	75	54	75	78	99	1.5	2	3825	REMOTE	55
T3-132-040	132	4000	25.0625	157.0625	1600	1000	56	77	56	77	80	101	5	2	3050	REMOTE	60
T3-132-060	132	6000	25.0625	157.0625	2400	1500	56	77	56	77	80	101	5	2	3175	REMOTE	40
T3-144-020	144	2000	22.5625	166.5625	800	500	56	81	56	81	80	105	5	2	3950	REMOTE	35
T3-144-040	144	4000	22.5625	166.5625	1600	1000	56	81	56	81	80	105	5	3	4200	REMOTE	35
T3-144-060	144	6000	25.75	169.75	2400	1500	48	82	48	82	72	106	5	2	4450	REMOTE	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
Conveyor -- gravity or powered, supplied and mounted
"V" Deck
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
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
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

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

High Cycle Package

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