

## Series 35 Double High Scissor Lift Tables – For Greater Vertical Travel While Minimizing Footprint and Platform Size

Series 35 Double High scissor lift tables are comprised of two individual scissors table assemblies stacked and welded together to provide higher vertical travel while maintaining smaller footprints and platform sizes. Travel ranges from 48 inches to 96 inches with a capacity from 2,000 to 10,000 lbs. Common applications include parts assembly and disassembly, work positioning, pallet stacking, and mezzanine access. The functionality of the Series 35 Double High scissor lift table also allows for improved worker productivity, higher factory throughput, and access to multiple landings. The Series 35 family of scissor lift tables has been manufactured in America's heartland since 1982 and is designed to the highest standards of safety and reliability. They're the most durable, versatile, and popular lineup of lifts sold today - while still being competitively priced. And although they're available in standard options, Series 35 scissor lift tables are most often customized because of their versatility and vast number of models and options.



### Features and Benefits

- Smaller lift footprints allows workers to stand closer to the product, and minimizes the amount of floor space required for a given vertical travel
- More models and standard options than any other competitive lift table allows for easy customization to meet your specific needs.
- Standard controls are prewired and internal power unit is onboard. Installation simply includes lagging the lift to the ground and connecting electricity.
- Single-piece, steel reinforced legs and a 1/4- to 3/8-inch-thick steel platform make for extremely solid construction and easy adaptability.
- 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 leg and added stiffeners provide optimal overall stability and straight, repeatable tracking of the rollers as the lift raises and lowers.
- Minimum 1/4-inch-thick steel-reinforced platform minimizes deck deflection, maximizes load stability, and greatly extends the life of the platform deck.
- Double set of scissors legs provides added load stability and worker safety.
- 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
- 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.
- Double wire braided Parker hydraulic hoses resist wear, abrasion, and leaks.
- Easy replacement of high-strength steel rollers minimizes downtime.
- Autoquip offers an industry-best 2 year warranty on all parts as a promise that you've purchased the industry's most reliable lift.

# // SERIES 35 DOUBLE HIGH



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
24S25DH	48	2000	13	61	2000	1000	24	36	24	36	36	60	16	1.5	2	1100	INTERNAL
24S40DH	48	3400	13	61	3400	1600	24	36	24	36	36	60	22	1.5	2	1150	INTERNAL
24S60DH	48	5400	13	61	3500	1800	24	36	24	36	36	60	32	1.5	4	1200	INTERNAL
24S80DH	48	7000	14	62	3500	1800	24	36	24	36	36	60	44	1.5	4	1275	INTERNAL
36S25DH	72	1900	13	85	1900	1000	24	48	24	48	36	72	24	1.5	2	1300	INTERNAL
36S40DH	72	3400	13	85	3000	1400	24	48	24	48	36	72	34	1.5	2	1350	INTERNAL
36S60DH	72	5400	13	85	3000	1400	24	48	24	48	36	72	25	5	4	1400	REMOTE
36S80DH	72	7000	14	85	3000	1400	24	48	24	48	36	72	35	5	4	1475	REMOTE
48S25DH	96	1700	14	110	1700	1000	24	64	24	64	36	96	32	1.5	2	1700	INTERNAL
48S40DH	96	3200	14	110	2500	1400	24	64	24	64	36	96	22	5	2	1750	REMOTE
48S60DH	96	5200	14	110	3000	1400	24	64	24	64	36	96	33	5	4	1800	REMOTE
48S80DH	96	7000	15	111	3000	1400	24	64	24	64	36	96	45	5	4	1875	REMOTE
58S120DH	116	7400	25	141	7200	3300	32	90	32	90	48	100	72	5	4	9200	Remote
58S150DH	116	10300	25	141	8400	3950	32	90	32	90	48	100	72	5	4	9400	Remote
60S25DH	120	1400	16	136	1400	825	32	87	32	87	48	96	44	1.5	2	2200	Internal
60S40DH	120	2800	16	136	2400	1300	32	87	32	87	48	96	88	1.5	4	2300	Internal
60S80DH	120	4000	24	144	4000	2640	32	90	32	90	48	100	72	5	4	8800	Remote
60S60DH	120	4700	16	136	2700	1475	32	87	32	87	48	96	88	1.5	4	2400	Internal
60S100DH	120	5500	24	144	5500	2950	32	90	32	90	48	100	72	5	4	9000	Remote



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## Options

### **Platform**

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

Accordion Skirts -- standard & special configurations

Handrails -- removable & permanent

Special Platform Configurations & Shapes

Conveyor -- gravity or powered, supplied and mounted

"V" Deck

Shuttle Decks

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

Internal 5HP Super Torque Intermittent Duty Motor (230/460V/3PH-60CY,TENV)

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

Air Operated Power Unit -- includes hand valve and lubricator (internally mounted)

Hand Operated Up/Down Control

Foot Operated Up/Down Air Valve

Tropical Duty Motor (1-1/2HP-3 Phase)

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**

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)

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)  
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)

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Primer Only

Tile Clad Epoxy -- sand blasting of unit required

## ***High Cycle Package***

High Cycle Packages include: cam followers with sealed tapered roller bearings, replaceable hardened runner strips, special 'PTFE' filament wound bearings in all pivot points (recommended for applications exceeding 100,000 cycles per year)



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