

Air Powered Lift & Tilt Table: Simple to Operate, Easy to Maintain

Autoquip Air Force Lift and Tilt Tables are driven by heavy industrial pneumatic air bag actuators, and because they are completely air powered, not susceptible to the oil leaks or spills associated with hydraulic units. Operators can adjust loads vertically and in degree of tilt to keep small parts or other items within reach as a bin & basket, or pallet is loaded or unloaded. This reduces exposure to back injury by keeping the work in the operator's ergonomic "power zone" which improves employee productivity and greater work quality. Common settings for completely air-powered industrial lift & tilt combinations include explosion-proof environments, food processing plants, or areas where it is more economical to power the units using shop air supply rather than single or three-phase electrical power. Autoquip's Air Force pneumatic lift and tilt tables offer a significantly higher level of quality, safety, and durability than competing brands - while still being competitively priced. Standard options are available, or the Autoquip design team can customize this lift to fit special applications.



Features and Benefits

- Built-in Air Damper reduces "bounce" inherent in most pneumatic tilters as the platform lowers under load.
- 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.
- Minimum 1/4-inch-thick steel-reinforced platform minimizes deck deflection, maximizes load stability, and greatly extends the life of the platform deck.
- Structural steel support in upper and lower frames provide additional rigidity and resistance to twisting/bending of the tilter under load.
- Autoquip offers an industry-best 2 year warranty on all parts as a promise that you've purchased the industry's most reliable pneumatic lift and tilt.
- Maintenance-free bearings at pivot points require no lubrication.
- On-board maintenance devices enable maintenance crews to safely and effectively block open the lift and tilter during inspection and routine maintenance.
- Heavy duty Firestone air bag actuators provide many years or reliable, maintenance-free service.
- Air bag actuators and lift rollers are easily replaced, minimizing downtime.
- Built-in fork truck pockets allow easy relocation and sharing between work stations.
- Simply connect shop air supply using the quick-disconnect air fitting to begin using.
- Exceptionally low lowered height allows greater on and off load flexibility and increases total ergonomic range.
- Fixed flow control mounted directly to the air actuator controls the descent of the tilter platform in the unlikely event of a sudden hose or air bag rupture.
- Base rollers are captured for improved load stability and operator safety.
- 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
 - ANSI MH29.2 - Safety Requirements for Industrial Tilters
 - 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

// AIR FORCE LIFT AND TILT TABLE



Models	Travel (inches)	Capacity (lbs#)	Lowered 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)	Shipping Weight Approx# (lbs#)	Max# Operating Air Pressure (psi)	Tilt (degrees)
24AFT30	24	3000	15.75	36	48	48	48	48	48	1110	80	30



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Options

Platform

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

Accordion Skirts -- standard & special configurations

Four-way Non Skid Tread Plate

Bevel Toe Guard

Stainless Steel Platform -- in lieu of carbon steel

Stainless Steel Skin -- bolted to platform

"V" Deck

Power Unit Options

Hand Operated Up/Down Control

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

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