



AirLift™

ECOAL AL Series Pneumatic Scissor Lift Tables



Medium-Duty,
Pneumatic
2,000 to 4,000 lb.
Capacity

AL-020-24-25048

Model Number Format

AL - 020 - 24 - 25048

Series "AL" _____
Pneumatic Lift Table _____
Capacity _____
020 = 2,000 lbs.
Vertical Travel _____
24 = 24 inches
Platform Size _____
25048 = 25"W x 48"L

Description

ECOAL AL Series Lift Tables are pneumatically operated scissor lifts with capacities of 2,000 to 4,000 lbs., and travels distances of 12 to 24 inches.

Standard Features

■ AL Series lifts have chrome-plated rollers entrapped within base frame and platform for superior stability, enhanced durability, and trouble free operation.

■ Durable 2-ply, 3-convoluted, rubber air spring actuator(s) comes with lifetime warranty.

■ Heavy duty welded construction designed with a 3-to-1 safety factor, complies with ANSI MH29.1 - 1994.

■ PTFE (Teflon) lined, lifetime lubricated, composite bearings at all wear points. Hardened chrome plated pins used at all bearing surfaces.

■ Scissor legs bolted to base frame and platform at fixed (clevis) end, for enhanced maintainability and ease of disassembly, if required.

■ Removable roller gibs facilitate maintenance operations, and allow for ease of disassembly, if required.

■ Pedestal mounted up/down control valve with 10' of 1/2" pneumatic hose standard, optional foot operated control valve available.

■ Adjustable Hydraulic Damper provides positive load control.

■ Adjustable down flow control, and pressure relief valve, assure safe operation in the event of an airline rupture, or overloading of lift.

■ Surfaces degreased, oxide primed, finished with durable enamel.

■ Entrapped upper and lower rollers for greater stability

■ Pneumatically powered by a heavy-duty air spring

■ Durable enamel finish

■ Hinged safety maintenance bars

■ ANSI MH29.1-1994 safety compliance

■ Mechanical stops for 'up' travel

■ Hand or foot control

Limited Warranty Policy

Refer to Warranty Form for specific details.

Specifications are subject to change without notice.

AL Series Lift Tables are one of a group of ECOAL Lift Tables.

AL Series												
Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Air Bags (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised			
12"	AL-020-12	2,000	2000	1280	25½ x 36	48 x 60	24¾ x 35½	8	20	**	1	795
24"	AL-020-24	2,000	2000	1280	25½ x 48	48 x 72	24¾ x 47¾	8	32	**	1	985
24"	AL-040-24	4,000	4000	2680	41 x 48	60 x 72	40½ x 47¾	8	32	**	2	1,120
ALTT Air Lift and Manual Turn Series												
12"	ALTT-020-12	2,000	0**	0**	37 x 37	48 x 48	24¾ x 35½	11¼	23¼	—	1	985
24"	ALTT-020-24	2,000	0**	0**	37 x 37	48 x 48	24¾ x 47¾	11¼	35¼	—	1	1,105
24"	ALTT-040-24	4,000	0**	0**	41 x 48	60 x 60	40½ x 47¾	11¼	35¼	—	2	1,255

*Standard platforms only. **Up-speeds will depend on available air supply, flow rate & supply pressure. Oversized platforms, beveled toe guards, roller shades, and accordion skirting will affect overall size. See page 21 for options and accessories. Conforms to or exceeds ANSI standard MH29.1-1994.

AT Standard Features

■ Pneumatically powered by a heavy-duty air spring

■ Hinged maintenance bars

■ Dual safety chains

■ ANSI MH 29.1-1994 safety compliance

■ High performance lifetime self-lubricating bushings

■ Motion stabilizer

■ Pressure relief valve

■ Hand or foot control

■ 42" high pedestal for hand control

■ Pit mounted units with beveled toe guards

■ Accordion bellows

Options

■ Stainless steel top

■ Custom colors

■ Ball transfer top

■ Roller conveyors

Selector Chart for AirTilt Series Tables

Model	Capacity (pounds)	Tilt Angle (degrees)	Platform Sizes (Inches)		Lowered Height Maximum (Inches)	Tilt Time (seconds)*	Weight (pounds)
			Standard				
AT-20	2,000	35	36 x 48	48 x 60	8	*	525
AT-40	4,000	35	48 x 48	60 x 60	8	*	600

Options and Accessories

Model	Description
AL-FT-CONT	(2) Two pedal air foot operated controls with base plate and 10' of pneumatic hose for "AirLift" units only.
TT-DETC-XX	Spring activated detents for manual turntable at 45°, 90° or 180° degrees with roller and cam.
TT-DETS-XX	Automatic cam detents for manual turntable at 45°, 90° or 180° degrees with roller and cam.
TT-RD	Round Platform instead of standard square for manual turntable.
TT-SUBBASE	Sub-base mounted under unit for increased lowered and raised height.
TT-CST	3"x3"x3" corner stops mounted to all four corners of deck top.

*Actual tilt times depend on available air supply, flow rate and supply pressure.