

Model ALS01

Section 2

Travel 24"



The most popular A-Series material handling lift, EnKon's ALS01 improves both ergonomics and productivity in an economical fashion. Providing a raised height of 31", a footprint of 36" x 47", and a capacity of 3000 lbs., the ALS01 air scissor lift table addresses most pallet and bin positioning needs.

Standard Features

- **100% air operated** for low maintenance, ease of use, and work environment safety
- **Low profile** accommodates a wide range of worker heights and applications
- **Modular design** is easily customizable to application specifications
- **High-strength steel, welded construction** built to safety factors required by customer application and in compliance with ANSI MH29.1-1994
- **High capacity lifting** up to 57,000 lbs (25,855 kg)
- **Variable duty cycles** from low to high for cost flexibility to fit each application
- **Self-lubricating PTFE overlay** on bearings at all pivot points for high loads and long life
- **Captured wheel guides** to prevent top and bottom lift platforms from tipping
- **Stackable lift modules** for added lift travel
- **Patented direct one-to-one lift ratio** in which the air bag supplies all of the lifting power, resulting in less stress on the scissors and increased lift longevity
- **Virtually maintenance-free** for low-cost operation and minimal downtime
- **Safety pressure release** helps prevent the air bag from overinflating
- **Enamel-based acrylic paint** applied to all surfaces after being cleaned and primed
- **Clean and green technology** for a cleaner and safer work environment

Options

- **Lockout valve and filter regulator** enhances performance of the air supply
- **Piloted internal valves with check valves** prevent undesired lift descent
- **Portability kits** allows lift system to be moved with ease
- **High speed capability** with a full cycle in under 10 seconds
- **Safety skirting** to protect from pinch points and debris

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Nomenclature

Product Type: A-Series Lift Scissor
 Lift Style: 01
 Capacity: 30 = 3000 lbs
 Raised Height: 31"
 Platform Size: 36" width x 47" length

Model ALS 01 - 30 - 31 - 3647



Travel in	Model	Capacity lbs	Lowered Height in	Travel in	Raised Height in	Platform Size ⁵		Base Size ⁵ in x in	Ship Weight ¹ lbs
						Width in	Length in		
24	ALS01-10-31-3647	1000	7	24	31	36 - xx	47 - xx	36 x 47	360
24	ALS01-20-31-3647	2000	7	24	31	36 - xx	47 - xx	36 x 47	360
24	ALS01-30-31-3647	3000	7	24	31	36 - xx	47 - xx	36 x 47	360

Values rounded to the nearest 1", see drawing for actual dimensions.

Notes

- 1 Ship weights are estimated and do not include oversize platforms or options
- 2 Maximum air bag pressure is 50 psi or 100 psi depending on air bag type
- 3 Recommended air line feed pressure is 70 psi to 100 psi
- 4 Air consumption is 5 cubic feet per minute (cfm) on average based on cycle rate
See the EnKon Systems website for how to calculate cfm for your application
URL: <http://enkon.pro/blog/calculating-cfm-and-scfm-for-pneumatic-scissor-lift-tables/>
- 5 Width and length dimensions reference the main structure of the lift system and do not include structures such as floor tabs, bolt heads, etc. See drawing for actual dimensions
- 6 Surface finishes are either powder coat or low-VOC quick-dry two-stage spray-on primer coat and hard enamel top coat
- 7 Lifts must be center loaded when at full capacity
- 8 Side and end load capacities are derated 2% per inch of increase top plate size from base size
- 9 Safety bellow skirting option must be purchased to meet ANSI and OSHA standards

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Rotate Options

- 13320 Rotate high grade bearing - no detent
- 13689 Rotate high grade bearing - w/spring detent



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With 13689

Control Options

- 12086 Hand control valve
- 12522 Hand pedestal control valve
- 12169 Foot pedal control valve
- 13657 Regulator filter gauge with lockout / tag out (For hand controls)
- 16997 Regulator filter gauge with lockout / tag out (For foot controls)
- 13627 Regulator filter gauge (For hand controls)
- 16999 Regulator filter gauge (For foot controls)
- 13628 Lockout / tag out



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With 12169
16997



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With 12522

Solid Platform Options

	Lift	Rotate
13785 Platform - 36 x 48 x 1/4	✓	
13427 Platform - 48 x 48 x 3/8	✓	
16529 Platform - 48 x 48 x 3/8 With gussets on corners 4" x 4"	✓	
13801 Platform - 48 x 48 x 1/2	✓	
13804 Platform - 48 x 48 x 1/2 W/90° detents		✓
13803 Platform - 48 x 48 x 1/2 W/180° detents		✓
16526 Platform - 48 x 48 x 1/2 W/180° detents With gussets on corners 4" x 4"		✓
13784 Platform - 36 x 48 x 1/2 no detents		✓
13687 Platform - 48 x 48 x 1/2 no detents		✓
- Platform - Custom sizes (material: high strength hot rolled steel)		
- Platform - Custom sizes (material: stainless steel)		



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With 13427



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With 16529



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With 16526



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With 1007951

Safety Skirting Options

- 1007951 Skirt - ALS01, 02, 05

Portable Options

- 13761 Portable dolly handle (1000, 2000, 3000, 4000, 6000 pounds)
- 13760 Portable caster cart with floor lock (1000, 2000, 3000 pounds)
- 13768 Portable fork pockets (adds 4" to height)



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With 13761



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With 13768



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With 13760