A-Series Air Scissor Lift Tables

Model ALS02

Section 3

Travel 24”

The heavy duty version of our popular ALS01, the ALS02 air scissor lift table doubles the lifting capacity to a maximum of 6000 lbs. This material handling lift has a raised height of 31” and a footprint of 36” x 47”. The ALS02 improves ergonomics and productivity inexpensively.

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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Model ALS02

Section 3

Travel 24”

Nomenclature

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Lowered Height</th>
<th>Travel</th>
<th>Raised Height</th>
<th>Platform Size</th>
<th>Base Size</th>
<th>Ship Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALS02-40-31-3647</td>
<td>4000</td>
<td>7</td>
<td>24</td>
<td>31</td>
<td>36 – xx</td>
<td>36 x 47</td>
<td>440</td>
</tr>
<tr>
<td>ALS02-60-31-3647</td>
<td>6000</td>
<td>7</td>
<td>24</td>
<td>31</td>
<td>36 – xx</td>
<td>36 x 47</td>
<td>440</td>
</tr>
</tbody>
</table>

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

Continued ↓
Model ALS02 Options

Section 3

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Rotate Options

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

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

Solid Platform Options

- 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
- 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)

Safety Skirting Options

- 1007951 Skirt - ALS01, 02, 05

Portable Options

- 13761 Portable dolly handle (1000, 2000, 3000, 4000, 6000 pounds)
- 13768 Portable fork pockets (adds 4” to height)