Model LSA21

Section 25
Travel 25”

Part of the Herkules super duty family, the LSA21 Air Scissor Lift Table is a heavy-duty pneumatic scissor lift table with a raised height of 32”. Built with 3/4” thick top and bottom plates, featuring a 44” x 52” platform, a low profile of 7” and 25” travel, the LSA21 raises up to 10,000 lbs.

Powered by Herkules’ relatively low pressure, one-to-one, direct-lifting Air Bag technology, the LSA21 pneumatic lift is ideal for use within industries with very heavy material handling 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

Continued ↓
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Section 25

Travel 25"

### Nomenclature

- **Product Type:** Lift Scissor Air
- **Lift Style:** 21
- **Capacity:** 100 = 10000 lbs
- **Raised Height:** 32"
- **Platform Size:** 44" width × 52" length

<table>
<thead>
<tr>
<th>Travel in</th>
<th>Model</th>
<th>Capacity in lbs</th>
<th>Lowered Height in in</th>
<th>Travel in</th>
<th>Raised Height in in</th>
<th>Platform Size in Width &amp; Length in in × in</th>
<th>Base Size in Width &amp; Length in in × in</th>
<th>Ship Weight in lbs</th>
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<td>44 × 52</td>
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<td>1740</td>
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</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
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