

### Model LSA33

Section 1

Travel 11"



A very narrow and long lift table at 16" x 50", the LSA33 Air Scissor Lift Table provides a raised height of up to 16", a low 5" profile, 11" travel, and up to 5000 lbs. capacity.

Pairing a small footprint and a lot of lifting force, the LSA33 can be used as a single platform lift, or within a system of multiple lifts for novel applications such as lifting buildings, mobile homes, and other large objects.

### 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:** Lift Scissor Air  
**Lift Style:** 33  
**Capacity:** 50 = 5000 lbs  
**Raised Height:** 16"  
**Platform Size:** 16" width x 50" length

Model LSA 33-50-16-1650



| Travel<br>in | Model            | Capacity<br>lbs | Lowered<br>Height<br>in | Travel<br>in | Raised<br>Height<br>in | Platform Size <sup>5</sup> |              | Base<br>Size <sup>5</sup><br>in x in | Ship<br>Weight <sup>1</sup><br>lbs |
|--------------|------------------|-----------------|-------------------------|--------------|------------------------|----------------------------|--------------|--------------------------------------|------------------------------------|
|              |                  |                 |                         |              |                        | Width<br>in                | Length<br>in |                                      |                                    |
| 11           | LSA33-10-16-1650 | 1000            | 5                       | 11           | 16                     | 16 - xx                    | 50 - xx      | 16 x 50                              | 480                                |
| 11           | LSA33-20-16-1650 | 2000            | 5                       | 11           | 16                     | 16 - xx                    | 50 - xx      | 16 x 50                              | 480                                |
| 11           | LSA33-30-16-1650 | 3000            | 5                       | 11           | 16                     | 16 - xx                    | 50 - xx      | 16 x 50                              | 480                                |
| 11           | LSA33-40-16-1650 | 4000            | 5                       | 11           | 16                     | 16 - xx                    | 50 - xx      | 16 x 50                              | 480                                |
| 11           | LSA33-50-16-1650 | 5000            | 5                       | 11           | 16                     | 16 - xx                    | 50 - xx      | 16 x 50                              | 480                                |

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