

### Model LSA23

Section 26

Travel 25"



Providing the ability to lift up to 10,000 lbs., the LSA23 Air Scissor Lift Table offers a 50" x 68" platform that supports heavy side-loading operations with ease. Employing 4 scissors, this heavy-duty lift provides a raised height of 32", a 7" profile, and 25" of travel.

Ideal for applications requiring lifting of large deck platforms and side-loading capabilities, the LSA23 pneumatic lift is often used in automation, and in the high volume assembly line processes.

#### 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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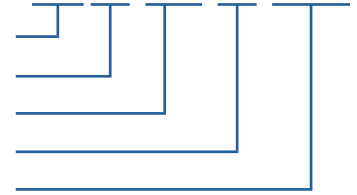
Travel 25"



### Nomenclature

Product Type: Lift Scissor Air  
Lift Style: 23  
Capacity: 100 = 10000 lbs  
Raised Height: 32"  
Platform Size: 50" width x 68" length

Model LSA 23 - 100 - 32 - 5068



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| 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 |                                      |                                    |
| 25           | LSA23-40-32-5068  | 4000            | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |
| 25           | LSA23-50-32-5068  | 5000            | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |
| 25           | LSA23-60-32-5068  | 6000            | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |
| 25           | LSA23-70-32-5068  | 7000            | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |
| 25           | LSA23-80-32-5068  | 8000            | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |
| 25           | LSA23-90-32-5068  | 9000            | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |
| 25           | LSA23-100-32-5068 | 10000           | 7                       | 25           | 32                     | 50 - xx                    | 68 - xx      | 50 x 68                              | 2660                               |

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