

Model LSA28

Section 10

Travel 21"



With a narrow width, 31" x 50", and a low profile under 5", the LSA28 Air Scissor Lift Table provides solid lifting in a small package. With a 25" raised height, travel of 21", a low (under 5") profile, the air bag's positioning enables it to lift up to 3000 lbs.

Ideal for cart positioning, the LSA28 pneumatic lift encompasses all the necessary features - incredibly low profile, relatively high travel, and consistent reliable lifting power.

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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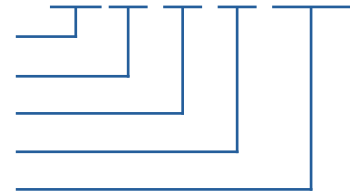
Travel 21"



Nomenclature

Product Type: Lift Scissor Air
 Lift Style: 28
 Capacity: 30 = 3000 lbs
 Raised Height: 25"
 Platform Size: 31" width x 50" length

Model LSA 28-30-25-3150



| 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 | | |
| 21 | LSA28-10-25-3150 | 1000 | 5 | 21 | 25 | 31 - xx | 50 - xx | 31 x 50 | 780 |
| 21 | LSA28-20-25-3150 | 2000 | 5 | 21 | 25 | 31 - xx | 50 - xx | 31 x 50 | 780 |
| 21 | LSA28-30-25-3150 | 3000 | 5 | 21 | 25 | 31 - xx | 50 - xx | 31 x 50 | 780 |

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