### **Air Scissor Lift Tables**

Page 28

## **Model LSA28**

Section 10

Travel 21"



With a narrow width,  $31" \times 50"$ , 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







## Air Scissor Lift Tables

Page 29

# **Model LSA28**

Section 10

Travel 21"



### **Nomenclature**

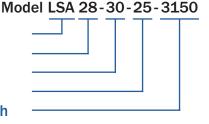
**Product Type:** Lift Scissor Air

Lift Style: 28

Capacity: 30 = 3000 lbs

Raised Height: 25"

Platform Size: 31" width × 50" length



		Lowered			Raised	Platfoi	Platform Size⁵		Ship
Travel	Model	Capacity	Height	Travel	Height	Width	Length	Size <sup>5</sup>	Weight <sup>1</sup>
in		lbs	in	in	in	in	in	in × in	lbs
21	LSA28-10-25-3150	1000	5	21	25	31 – ××	50 – ××	31 × 50	780
21	LSA28-20-25-3150	2000	5	21	25	31 – ××	50 – ××	31 × 50	780
21	LSA28-30-25-3150	3000	5	21	25	31 – ××	50 – ××	31 × 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
- 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