

### Model LSA16

Section 9

Travel 20"



Corner loads are easily addressed with the LSA16 Air Scissor Lift Table. This 33" x 44" pneumatic lift table has a 6000 lbs. load capacity, a 6" profile, 20" travel, a raised height of 26", and provides minimal deflection with heavy offset loads.

Offering an amazing profile, great travel, and an incredible ability to handle offset loads, the LSA16 pneumatic scissor lift table is often used for cart applications with offset loading.

#### 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: 16  
 Capacity: 60 = 6000 lbs  
 Raised Height: 26"  
 Platform Size: 33" width x 44" length

Model LSA 16-60-26-3344



Travel in	Model	Capacity lbs	Lowered Height in	Travel in	Raised Height in	Platform Size <sup>5</sup>		Base Size <sup>5</sup> in x in	Ship Weight <sup>1</sup> lbs
						Width in	Length in		
20	LSA16-10-26-3344	1000	6	20	26	33 - xx	44 - xx	33 x 44	690
20	LSA16-20-26-3344	2000	6	20	26	33 - xx	44 - xx	33 x 44	690
20	LSA16-30-26-3344	3000	6	20	26	33 - xx	44 - xx	33 x 44	690
20	LSA16-40-26-3344	4000	6	20	26	33 - xx	44 - xx	33 x 44	690
20	LSA16-50-26-3344	5000	6	20	26	33 - xx	44 - xx	33 x 44	690
20	LSA16-60-26-3344	6000	6	20	26	33 - xx	44 - xx	33 x 44	690

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