

### Model LSA07

Section 20

Travel 25"



EnKon.pro™

The most popular air scissor lift table offered by Enkon, the LSA07 Air Scissor Lift Table is one of the most rugged, ergonomic, well-built pneumatic scissor lift tables in the industry. Herkules-patented air bag technology provides a low-pressure, one-to-one, direct lifting ratio with a low profile of just 4". This workhorse scissor lift has a capacity of up to 6000 lbs. with 25" of travel to a raised height of 29" and base dimensions of 36" x 47".

The LSA07 air scissor lift table is ideal for integrating into larger material handling systems, or may be used as a base module for custom lift systems in countless applications: from putting parachutes in rocket ships, to general manufacturing and processes; from supporting engine test systems, to JIT part delivery systems. This pneumatic scissor lift table is also often integrated into assembly lines to improve part positioning, resulting in better operator ergonomics and the reduced risk of repetitive strain injuries. The LSA07 can also be equipped with a portability package and used as a portable scissor lift table.

#### 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: 07  
Capacity: 60 = 6000 lbs  
Raised Height: 29"  
Platform Size: 36" width x 47" length

Model LSA 07-60-29-3647



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		
25	LSA07-10-29-3647	1000	4	25	29	36 - xx	47 - xx	36 x 47	710
25	LSA07-20-29-3647	2000	4	25	29	36 - xx	47 - xx	36 x 47	710
25	LSA07-30-29-3647	3000	4	25	29	36 - xx	47 - xx	36 x 47	710
25	LSA07-40-29-3647	4000	4	25	29	36 - xx	47 - xx	36 x 47	710
25	LSA07-50-29-3647	5000	4	25	29	36 - xx	47 - xx	36 x 47	710
25	LSA07-60-29-3647	6000	4	25	29	36 - xx	47 - xx	36 x 47	710

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