Model LSA01

Section 18

Travel 25"

The original Enkon four-scissor, low-profile lift, the LSA01 Air Scissor Lift Table is powered by Herkules-patented air bag technology and employs a direct, one-to-one lifting ratio. This powerful lift reaches a raised height of 29", and has a lowered height of only 4". The LSA01 provides a lift capacity up to 6000 lbs., and a platform of 38" x 50", and has 25" of travel.

The foundation of the EnKon scissor lift table module system, the LSA01 pneumatic lift is very versatile, and is commonly used for operator lifts, platform scissor lifts, material handling, and integration into conveyor systems.

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
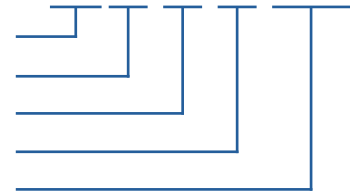- **Safety skirting** to protect from pinch points and debris

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Nomenclature

		Model LSA 01-60-29-3850
Product Type:	Lift Scissor Air	
Lift Style:	01	
Capacity:	60 = 6000 lbs	
Raised Height:	29"	
Platform Size:	38" width × 50" length	

Travel	Model	Capacity	Lowered Height	Travel	Raised Height	Platform Size[5]		Base Size[5]	Ship Weight[1]
						Width	Length		
in		lbs	in	in	in	in	in	in × in	lbs
25	LSA01-10-29-3850	1000	4	25	29	38 – xx	50 – xx	37 × 49	730
25	LSA01-20-29-3850	2000	4	25	29	38 – xx	50 – xx	37 × 49	730
25	LSA01-30-29-3850	3000	4	25	29	38 – xx	50 – xx	37 × 49	730
25	LSA01-40-29-3850	4000	4	25	29	38 – xx	50 – xx	37 × 49	730
25	LSA01-50-29-3850	5000	4	25	29	38 – xx	50 – xx	37 × 49	730
25	LSA01-60-29-3850	6000	4	25	29	38 – xx	50 – xx	37 × 49	730

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