

Model LSA21

Section 25

Travel 25"



Part of the Herkules super duty family, the LSA21 Air Scissor Lift Table is a heavy-duty pneumatic scissor lift table with a raised height of 32". Built with 3/4" thick top and bottom plates, featuring a 44" x 52" platform, a low profile of 7" and 25" travel, the LSA21 raises up to 10,000 lbs.

Powered by Herkules' relatively low pressure, one-to-one, direct-lifting Air Bag technology, the LSA21 pneumatic lift is ideal for use within industries with very heavy material handling needs.

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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: 21
 Capacity: 100 = 10000 lbs
 Raised Height: 32"
 Platform Size: 44" width x 52" length

Model LSA 21 - 100 - 32 - 4452



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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		
25	LSA21-40-32-4452	4000	7	25	32	44 - xx	52 - xx	44 x 52	1740
25	LSA21-50-32-4452	5000	7	25	32	44 - xx	52 - xx	44 x 52	1740
25	LSA21-60-32-4452	6000	7	25	32	44 - xx	52 - xx	44 x 52	1740
25	LSA21-70-32-4452	7000	7	25	32	44 - xx	52 - xx	44 x 52	1740
25	LSA21-80-32-4452	8000	7	25	32	44 - xx	52 - xx	44 x 52	1740
25	LSA21-90-32-4452	9000	7	25	32	44 - xx	52 - xx	44 x 52	1740
25	LSA21-100-32-4452	10000	7	25	32	44 - xx	52 - xx	44 x 52	1740

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