Air Scissor Lift Tables

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Model LSA33

Section 1

Travel 11"



A very narrow and long lift table at $16" \times 50"$, the LSA33 Air Scissor Lift Table provides a raised height of up to 16", a low 5" profile, 11" travel, and up to 5000 lbs. capacity.

Pairing a small footprint and a lot of lifting force, the LSA33 can be used as a single platform lift, or within a system of multiple lifts for novel applications such as lifting buildings, mobile homes, and other large objects.

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

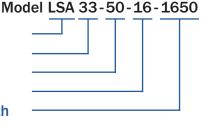
Product Type: Lift Scissor Air

Lift Style: 33

Capacity: 50 = 5000 lbs

Raised Height: 16"

Platform Size: 16" width × 50" length



			Lowered		Raised	Platfor	Platform Size ⁵		Ship
Travel	Model	Capacity	Height	Travel	Height	Width	Length	Size ⁵	Weight ¹
in		lbs	in	in	in	in	in	in × in	lbs
11	LSA33-10-16-1650	1000	5	11	16	16 - ××	50 – ××	16 × 50	480
11	LSA33-20-16-1650	2000	5	11	16	16 – ××	50 – ××	16 × 50	480
11	LSA33-30-16-1650	3000	5	11	16	16 – ××	50 – ××	16 × 50	480
11	LSA33-40-16-1650	4000	5	11	16	16 – ××	50 – ××	16 × 50	480
11	LSA33-50-16-1650	5000	5	11	16	16 – ××	50 – ××	16 × 50	480

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