

Model LSA27

Section 28

Travel 25"



Another heavy duty lift, the LSA27 Air Scissor Lift Table offers a 52" x 88" platform, with a lift capacity of 4000 to 20,000 lbs., and a raised height of 32". Taking two LSA21s and placing them side by side, the LSA27 employs the power of four scissors with a low 7" profile, and 25" of travel.

A powerful air scissor lift table, the LSA27 is often used in the steel stamping industry for press loading and unloading.

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: 27
 Capacity: 200 = 20000 lbs
 Raised Height: 32"
 Platform Size: 52" width x 88" length

Model LSA 27-200-32-5288



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	LSA27-40-32-5288	4000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-50-32-5288	5000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-60-32-5288	6000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-70-32-5288	7000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-80-32-5288	8000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-90-32-5288	9000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-100-32-5288	10000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-110-32-5288	11000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-120-32-5288	12000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-130-32-5288	13000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-140-32-5288	14000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-150-32-5288	15000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-160-32-5288	16000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-170-32-5288	17000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-180-32-5288	18000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-190-32-5288	19000	7	25	32	52 - xx	88 - xx	52 x 88	3400
25	LSA27-200-32-5288	20000	7	25	32	52 - xx	88 - xx	52 x 88	3400

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