Model LSA30

Section 11

Travel 23”

Developed for positioning carts, the low 5” profile LSA30 Air Scissor Lift Table fulfills the requirements of a fork-free working environment, with platform dimensions of 25” × 44” and a lift capacity of up to 2000 lbs. With a 28” raised height and 23” of travel, the LSA30 is similar to the LSA03, but with a different airbag position. This lift can be double-stacked.

The LSA30 is useful for applications that require ergonomic positioning for material handling, or where an operator lift is needed. This lift is easily adapted for use in automation and with other lift 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

Continued ⇩

Model LSA30

Section 11

Travel 23”

Nomenclature

Product Type:	Lift Scissor Air
Lift Style:	30
Capacity:	20 = 2000 lbs
Raised Height:	28"
Platform Size:	25" width × 44" length

Model LSA 30-20-28-2544

Travel	Model	Capacity	Lowered Height	Travel	Raised Height	Platform Size[5] Width	Platform Size[5] Length	Base Size[5]	Ship Weight[1]
in		lbs	in	in	in	in	in	in × in	lbs
23	LSA30-10-28-2544	1000	5	23	28	25 – xx	44 – xx	25 × 44	480
23	LSA30-20-28-2544	2000	5	23	28	25 – xx	44 – xx	25 × 44	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
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