

### Model LSH04

#### Section 2

Lift Style:  
LSH04A  
LSH04B  
LSH04C



With a low profile of 5-7 inches, the LSH04 Hydraulic Scissor Lift Table is powered by a cam-actuated system. This high capacity lift can handle up to 4000 lbs., and is ideal for applications requiring a low profile lift with a great deal of force. The LSH04 can complete its full travel (from 27" to 48") in 1.5 seconds, and be used in high speed applications.

The formed top frame offers a powerful rectangular platform in three sizes, from 19" wide by 55" long to 21" wide by 95" long, with two hydraulic cylinders providing stable and powerful lifting for high capacity applications.

#### Standard Features

- **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
- **Virtually maintenance-free** for low-cost operation and minimal downtime
- **Enamel-based acrylic paint** applied to all surfaces after being cleaned and primed
- **Welded cylinder construction** honed steel, piston rod chromed, ground, and polished
- **NEMA 4X and 13** push button control enclosure for washdown, oil, and corrosion protection
- **Pressure relief valve** to ensure safe line pressure
- **Check valve** for pump protection
- **Maintenance stop** to ensure safe line pressure

#### Options

- **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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## Lift Style LSH04A

Section 2.1

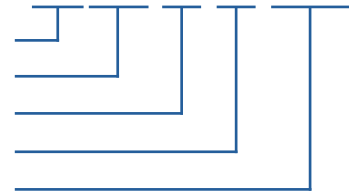
Travel 27"



### Nomenclature

Product Type: Lift Scissor Hydraulic  
 Lift Style: 04A  
 Capacity: 40 = 4000 lbs  
 Raised Height: 32"  
 Platform Size: 19" width x 55" length

Model LSH04A-40-32-1955



Travel in	Model	Capacity lbs	Lowered Height in	Travel in	Raised Height in	Platform Size <sup>2</sup>		Base Size <sup>2</sup> in x in	Number of Cylinders	Ship Weight <sup>1</sup> lbs
						Width in	Length in			
27	LSH04A-10-32-1955	1000	5	27	32	19 - xx	55 - xx	19 x 55	2	720
27	LSH04A-20-32-1955	2000	5	27	32	19 - xx	55 - xx	19 x 55	2	720
27	LSH04A-30-32-1955	3000	5	27	32	19 - xx	55 - xx	19 x 55	2	720
27	LSH04A-40-32-1955	4000	5	27	32	19 - xx	55 - xx	19 x 55	2	720

Values rounded to the nearest 1"

### Notes

- 1 Ship weights are estimated and do not include oversize platforms or options
- 2 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
- 3 Lifts must be center loaded when at full capacity
- 4 Side and end load capacities are derated 2% per inch of increase top plate size from base size

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# Lift Style LSH04A

Section 2.1

Travel 27"



## Nomenclature

Product Type: Lift Scissor Hydraulic  
 Lift Style: 04A  
 Capacity: 40 = 4000 lbs  
 Raised Height: 32"  
 Platform Size: 19" width x 55" length

Model LSH04A-40-32-1955



### Lift Standard Specifications:

- 1 Hydraulic Power Unit: Externally Mounted
  - Up: Power
  - Down: Gravity
  - Manual Release: Optional
- 2 Controls:
  - Controller: Hand
  - Controller Mount: Pedestal
  - Controller Hose: 6 Feet
  - Controller Cable: 12 Feet
- 3 Color:
  - Lift: Herkules Safety Orange
  - Scissors: Herkules Safety White
  - Controls: Herkules Safety Orange
- 4 Safety Features:
  - Flow Control Valve: Qty - 1 Included
  - Maintenance Stop: Qty - 1 Included
  - Safety Skirting: Optional
- 5 Cycle Speed:
  - Average Speed: Customer Defined
  - Speed Up: Customer Defined
  - Speed Down: Customer Defined
- 6 Electrical:
  - E-Stop: Included
  - Breaker Box: Optional
  - Motor Connector Plugs: Optional
  - Field Wiring: Optional
  - Limit Switches: Optional

### Notes

- 1 Various options may be available which deviate from our standard lift specifications. On standard LSH lifts, optional accessories are not included. Please reference the options tab for each lift type on our webpage, and contact our sales staff.
- 2 Safety below skirting option must be purchased to meet ANSI and OSHA standards.
- 3 Surface finishes are either powder coat or low-VOC quick-dry two-stage spray-on primer coat and hard enamel top coat.