

Model LSH03

Section 1

Lift Style:

LSH03A LSH03E
LSH03B LSH03F
LSH03C LSH03G
LSH03D



Providing travel options from 15" to 47" with the capability of lifting 500 through 3000 lbs., the LSH03 Hydraulic Scissor Lift Table has a lowered height of only 9-10 inches. Offered with a wide range of platform sizes, from 16" to 28" wide and 36" to 71" long, this lift has a formed, powder coated, top and bottom frame.

Manufactured with an internal hydraulic unit, the LSH03 uses DC voltage and is regularly used as part of AGC and AGV systems. An elegant lift, it provides removable wheel guides of hardened steel on both the top and bottom, with a captured track on both as well. With welded mounts on the hydraulic cylinders that mount the pressure compensated control valve, the lift also offers velocity fuses and a piloted check valve.

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 LSH03D

Section 1.4

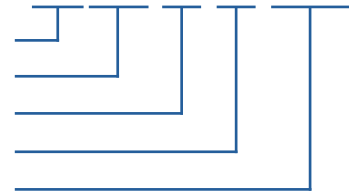
Travel 24"



Nomenclature

Product Type: Lift Scissor Hydraulic
Lift Style: 03D
Capacity: 15 = 1500 lbs
Raised Height: 33"
Platform Size: 28" width x 41" length

Model LSH03D-15-33-2841



Travel in	Model	Capacity lbs	Lowered Height in	Travel in	Raised Height in	Platform Size ⁵		Base Size ⁵ in x in	Number of Cylinders	Ship Weight ¹ lbs
						Width in	Length in			
24	LSH03D-05-33-2841	500	9	24	33	28 - xx	41 - xx	28 x 41	2	640
24	LSH03D-10-33-2841	1000	9	24	33	28 - xx	41 - xx	28 x 41	2	640
24	LSH03D-15-33-2841	1500	9	24	33	28 - xx	41 - xx	28 x 41	2	640

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 LSH03D

Section 1.4

Travel 24"

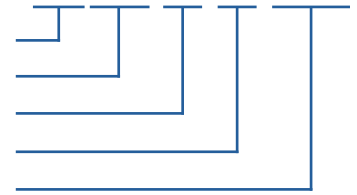


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Lift Standard Specifications:

- 1 Hydraulic Power Unit: Internally Mounted
 - Up: Power
 - Down: Gravity
 - Manual Release: Optional
- 2 Controls:
 - Controller: Optional
 - Controller Mount: Optional
 - Controller Hose: Optional
 - Controller Cable: Optional
- 3 Color:
 - Lift: Herkules Safety Orange
 - Scissors: Herkules Safety White
 - Controls: Optional
- 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: Optional
 - 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.