

### Model LSH09

Section 13

Lift Style:  
LSH09A  
LSH09B  
LSH09C  
LSH09D



A very large lift, the LSH09 Hydraulic Scissor Lift Table has a 48" wide platform that comes in several lengths: 64", 85", 108" and even 158" long, and provides up to 105" of travel to reach a raised height of 129". Its center pivots have removable hubs, and it comes with a bearing package that is easily switched out, enabling millions of cycles.

Originally designed for use in an engine block casting facility, this lift can raise 1000 to 10,000 lbs. easily, and can provide millions of cycles in its lifetime.

### 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 LSH09D

Section 13.4

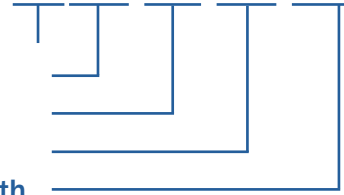
Travel 105"



### Nomenclature

Product Type: Lift Scissor Hydraulic  
 Lift Style: 09D  
 Capacity: 100 = 10000 lbs  
 Raised Height: 129"  
 Platform Size: 48" width x 158" length

Model LSH09D-100-129-48158



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			
105	LSH09D-10-129-48158	1000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-20-129-48158	2000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-30-129-48158	3000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-40-129-48158	4000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-50-129-48158	5000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-60-129-48158	6000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-70-129-48158	7000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-80-129-48158	8000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-90-129-48158	9000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100
105	LSH09D-100-129-48158	10000	24	105	129	48 - xx	158 - xx	48 x 158	2	6100

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 LSH09D

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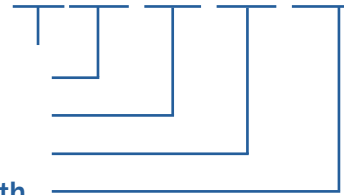
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#### Lift Standard Specifications:

- 1 Hydraulic Power Unit: Externally Mounted
  - Up: Power
  - Down: Gravity
  - Manual Release: Optional
- 2 Controls:
  - Controller: Optional
  - Controller Mount: Optional
  - Controller Hose: 6 Feet
  - 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 - 2 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.