

Model LSH20

Section 16

Lift Style:
LSH20A
LSH20B
LSH20C
LSH20D



Multiplying the size and power of the LSH08 by four, the LSH20 Hydraulic Scissor Lift Table lifts up to 40,000 lbs. to a raised height of up to 129". Eight cylinders provide the power and stability to the 96" wide platform, which can be as long as 316". Offering from 30" to 105" of travel, the LSH20 has a lowered height as low as 17".

The LSH20 can be used in a wide variety of heavy duty lifting applications requiring very high capacities, and large platform dimensions. An optional upgraded bearing package can also be paired with this lift to ensure an easy bolt-on hub bearing replacement, and a long lift life.

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 LSH20D

Section 16.4

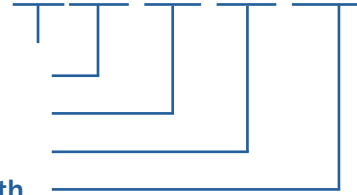
Travel 105"



Nomenclature

Product Type: Lift Scissor Hydraulic
 Lift Style: 20D
 Capacity: 400 = 40000 lbs
 Raised Height: 129"
 Platform Size: 96" width x 316" length

Model LSH20D-400-129-96316



*Image is only a representation. Actual product will vary.

| Travel in | Model | Capacity lbs | Lowered Height in | Travel in | Raised Height in | Platform Size ² | | Base Size ² in x in | Number of Cylinders | Ship Weight ¹ lbs |
|--------------|----------------------|-----------------|-------------------------|--------------|------------------------|----------------------------|--------------|--------------------------------------|------------------------|------------------------------------|
| | | | | | | Width in | Length in | | | |
| 105 | LSH09D-50-129-48158 | 5000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-100-129-48158 | 10000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-150-129-48158 | 15000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-200-129-48158 | 20000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-250-129-48158 | 25000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-300-129-48158 | 30000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-350-129-48158 | 35000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |
| 105 | LSH09D-400-129-48158 | 40000 | 24 | 105 | 129 | 96 - xx | 316 - xx | 96 x 316 | 8 | - |

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 LSH20D

Section 16.4

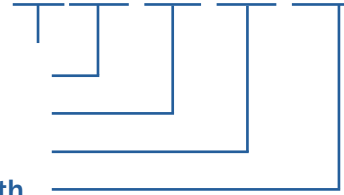
Travel 105"



Nomenclature

Model LSH20D-400-129-96316

Product Type: Lift Scissor Hydraulic
 Lift Style: 20D
 Capacity: 400 = 40000 lbs
 Raised Height: 129"
 Platform Size: 96" width x 316" length



*Image is only a representation. Actual product will vary.

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 - 8 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.