Hydraulic Scissor Lift Tables

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Lift Style:

LSH20A

LSH20B LSH20C LSH20D

Model LSH20

Section 16



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 contrustion 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



Hydraulic Scissor Lift Tables

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Lift Style LSH20A

Section 16.1

Travel 30"



Nomenclature

Model LSH 20A - 400 - 47 - 96128

Product Type: Lift Scissor Hydraulic

Lift Style: 20A

Capacity: 400 = 40000 lbs

Raised Height: 47"

Platform Size: 96" width × 128" length

| | | Lowered | | | Raised | Platfor | m Size ² | Base | Number of | Ship |
|--------|---------------------|----------|--------|--------|--------|---------|---------------------|-------------------|-----------|---------------------|
| Travel | Model | Capacity | Height | Travel | Height | Width | Length | Size ² | Cylinders | Weight ¹ |
| in | | lbs | in | in | in | in | in | in × in | | lbs |
| 30 | LSH20A-50-47-96128 | 5000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-100-47-96128 | 10000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-150-47-96128 | 15000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-200-47-96128 | 20000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-250-47-96128 | 25000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-300-47-96128 | 30000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-350-47-96128 | 35000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 8 | - |
| 30 | LSH20A-400-47-96128 | 40000 | 17 | 30 | 47 | 96 – ×× | 128 – ×× | 96 × 128 | 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

Side and end load capacities are derated 2% per inch of increase top plate size from base size







Hydraulic Scissor Lift Tables

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Lift Style LSH20A

Section 16.1

Travel 30"



Nomenclature

Model LSH 20A - 400 - 47 - 96128

Product Type: Lift Scissor Hydraulic

Lift Style: **20A**

Capacity: 400 = 40000 lbs

47" Raised Height:

Platform Size: 96" width × 128" length

Lift Standard Specifications:

1 Hydraulic Power Unit: **Externally Mounted**

> Power Up: 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

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

Electrical:

E-Stop: Optional Breaker Box: Optional Motor Connector Plugs: Optional Field Wiring: Optional Limit Switches: Optional

Notes

- 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. Safety bellow skirting option must be purchased to meet ANSI and OSHA standards.
- Surface finishes are either powder coat or low-VOC quick-dry two-stage spray-on primer coat and hard enamel top coat.