

Model LSH18

Section 14

Lift Style:
LSH18A
LSH18B
LSH18C
LSH18D



The LSH18 Hydraulic Scissor Lift Table places two LSH08 lifts end to end, resulting in a 48" wide platform that can be up to 316" long, with the ability to lift up to 20,000 lbs. Offering travel from 30" to 105", and raised heights from 47" to 129", this lift is powered by 4 cylinders and has a lowered height of 17" to 24".

The LSH18 can be used in a wide variety of heavy duty lifting applications requiring 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 LSH18A

Section 14.1

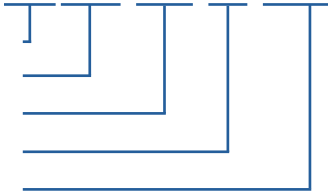
Travel 30"



Nomenclature

Product Type: Lift Scissor Hydraulic
 Lift Style: 18A
 Capacity: 200 = 20000 lbs
 Raised Height: 47"
 Platform Size: 48" width x 128" length

Model LSH18A-200-47-48128



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			
30	LSH18A-50-47-24128	5000	17	30	47	48 - xx	128 - xx	48 x 128	4	-
30	LSH18A-100-47-24128	10000	17	30	47	48 - xx	128 - xx	48 x 128	4	-
30	LSH18A-150-47-24128	15000	17	30	47	48 - xx	128 - xx	48 x 128	4	-
30	LSH18A-200-47-24128	20000	17	30	47	48 - xx	128 - xx	48 x 128	4	-

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 LSH18A

Section 14.1

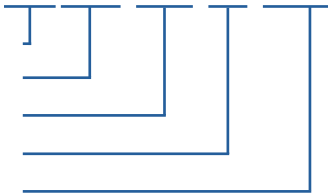
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Lift Standard Specifications:

- 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 - 4 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.