Hydraulic Scissor Lift Tables

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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 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 LSH18D

Section 14.4

Travel 105"



Nomenclature

Model LSH18D-200-129-48316

Product Type: Lift Scissor Hydraulic

Lift Style: **18D**

Capacity: 200 = 20000 lbs

129" Raised Height:

Platform Size: 48" width × 316" length

*Image is	s only a	represenation.	Actual	product will vary	

		Lowered			Raised	Platform 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
105	LSH18D-50-129-48316	5000	24	105	129	48 – ××	316 – ××	48 × 316	4	-
105	LSH18D-100-129-48316	10000	24	105	129	48 – ××	316 – ××	48 × 316	4	-
105	LSH18D-150-129-48316	15000	24	105	129	48 – ××	316 – ××	48 × 316	4	-
105	LSH18D-200-129-48316	20000	24	105	129	48 – ××	316 – ××	48 × 316	4	-

Values rounded to the nearest 1"

Notes

- Ship weights are estimated and do not include oversize platforms or options
- 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
- 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 LSH18D

Section 14.4

Travel 105"



*Image is only a represenation. 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

Safety Features:

Flow Control Valve: Qty - 1 Included Maintenance Stop: Qty - 4 Included

Safety Skirting: Optional

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

Nomenclature

Model LSH18D-200-129-48316

Product Type: Lift Scissor Hydraulic

Lift Style: 18D

Capacity: 200 = 20000 lbs

Raised Height: 129"

Platform Size: 48" width × 316" length

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.