

LRL Elevating Dock Lift

Versatile dock lift safely and efficiently services all standard trailer heights



Simple Operation

Rite-Hite LRL is an easy to operate mix of hydraulic loading dock scissor lift operation and manual lift lip positioning.

- » Push-button activation provides the dock attendant full control over all functions for easy and safe operation.
- » Heavy duty, twin hydraulic cylinders allow for efficient service to standard and below truck bed heights.
- » Dock Lift Lip is manually lowered by chain with the option to lay either the full lip into the trailer bed or one of the dual lips for smaller truck sizes.
- » Maintenance Strut doubles as an operating handle and can now be used as such for routine maintenance

Installation / Design / Safety

Scissor lift design offers faster and easier installation, a variety of safety features and versatile loading / unloading through unique structural integrity resulting in increased stability.

- » Factory Complete Units are shipped directly from the factory and provide for fast, economical installation as no additional assembly is required at the facility.
- » Extra Wide Base Frame with high tensile structural tube scissor legs helps provide superior stability.
- » Standard Handrails are installed to the left and righthand side of the leveler for improved employee safety. In addition, the dock lift is equipped with 8-foot tapered toe guards on all sides.
- » Safety Bollards are placed at the rear of the dock lift to prevent accidental use of forklifts.
- » Constant pressure push-button controls.

Industry Leading Warranty

Rite-Hite warranties are backed by a vast network of representatives and exclusive leading planned maintenance programs, helping to ensure that products perform to their full potential.

- » 12-Month Limited Money-Back Guarantee of Customer Satisfaction
- » 1-Year Parts & Labor



Standard Dock Controls: offer handheld control of the dock lift's height

Specifications

General Description

The LRL Elevating Lift Dock is a push-button activated dock lift which services all standard trailer heights. Extra wide stance frame with high tensile structural tube scissor legs helps provide superior stability, while the lifetime-lubricated bearing life helps reduce maintenance time.

Construction

High tensile structural tube scissor legs provide superior stability, increase side loading capability and improved bearing life. Unit has gray enamel finish with safety striping on edges along with steel checker plate deck and lips.

Front Lip Material: Aluminum Without Lip Steel.

Rear Lip Material: Aluminum Without Lip Steel.

Hydraulic cylinder pivot points mounted on cylinder center line for prolonged seal and gear life. Maintenance-free "DU" type Teflon bushings along with ground and chromed pins. (100,000 psi / 690 MPa yield) Yoked rollers and fixed end pivots with platform retained to rolling end. Approx. 2425 lbs. (1100kg) shipping weight.

Electrical/Control

Operated with remote NEMA 4X/IP65 push-button controls, on control cable 24' Coil Cable 20' 25' 30' 35' from power pack. Remote power pack the voltage/phase of: 208/1/60 220-240/1/60 208/3/60 220-240/3/60 440-480/3/60 575-600/3/60 220-240/1/50 380-415/3/50 and hydraulic hose with length of 20 ft. 25 ft. 30 ft. 35 ft. TEFC continuous duty motor includes pressure relief, check flow control and solenoid valves in aluminum manifold. Steel reservoir with oil level gauge and drain along with reservoir and in-line filters. Hydraulic safety velocity fuse helps prevent uncontrolled descent in case of hydraulic line failure: Bio Hydraulic Fluid or MIL 5606 fluid. Oil Heater.

Lift & Lip Dimensions

Lift Legnth (min. 96", max. 120") _____

Lift Width (min. 72", max. 96") _____

Lift Capacity (lbs): 5000 6000 8000 10000

Front Lip Length: 12" 18" 24" 30" Without Lip

Front Lip Width: 72" Lip 84" Lip Without Lip

Front Lip Taper Width: TPR2, 2" Lip Taper TPR3, 3" Lip Taper TPR4, 4" Lip Taper TPR5, 5" Lip Taper TPR5.5, 5.5" Lip Taper Without Lip Taper

Rear Lip Length: 12" 18" 24" 30" Without Lip

Rear Lip Width: 72" Lip 84" Lip Without Lip

Rear Lip Taper Width: TPR2, 2" Lip Taper TPR3, 3" Lip Taper TPR4, 4" Lip Taper TPR5, 5" Lip Taper TPR5.5, 5.5" Lip Taper Without Lip Taper

Platform Dimensions

Length	Width
96" (2440 mm)	72" (1830mm)
96" (2440 mm)	84" (2135mm)
96" (2440 mm)	96" (2440mm)
120" (3050mm)	72" (1830mm)
120" (3050mm)	84" (2135mm)
120" (3050mm)	96" (2440mm)

Warranty

Limited one year parts and labor

Pit Depth/Leveler Travel Distance

Capacity	Pit Depth	Raised Height	Travel
5,000 lbs (2268 kg)	8"	66"	58"
6,000 lbs (2727 kg)	10"	68"	58"
8,000 lbs (3629 kg)	12"	70"	58"
10,000 lbs (4536 kg)	12"	70"	58"

Additional Safety Features

LRL is manufactured to ANSI MH29.1 Safety Requirements for Industrial Scissor Lifts standards. 8" Electric Toe guards on all sides with mid-level safety chain with hooks across each end. 42" (1065mm) high bolt-on guard rails with 4" (100mm) safety kick plates on sides.

Rear Mechanical Roll Off Stops Removable Handrails with Pockets Warning Bell Amber Flashing Light

Shutoff Valve Dock Height Limit Switch

Quick Disconnect with Pendant Controls

Key Operated Up/Down Switch

International End User

Please contact Rite-Hite Order Applications for side load applications.

Client Info

Company Name _____

Date _____



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