

RHJ-5000 Jumbo™ Full Access Dock Leveler

Ergonomically designed dock leveler engineered to enhance productivity by providing full-width access.

Today's docks call for wider, taller door openings and longer, wider dock levelers. The Jumbo hydraulic dock leveler makes it easy to service wider trucks with lower bed heights and full-width loads. With an 8'6" (2590 mm) wide, one-piece platform, forklifts can handle every load, without obstruction. Increase your productivity with the Jumbo leveler's ability to service the entire width of the trailer.



Smooth transition technology

- » Ensures smooth transition between loading dock and trailer with constant radius rear hinge, two-point crown control and optimized lip chamfer design features.
- » Reduces forklift operators exposure to whole body vibration which can lead to chronic back and neck injuries.
- » Minimizes product damage.



Constant radius rear hinge



Two-point crown control



Full-width trailer access for unobstructed end loads

Exclusive safety features

- » Safe-T-Lip® barrier helps prevent open dock drop-off accidents.
- » Unique slotted lip design can be positioned out of the way for unobstructed end loading, especially critical with air-ride suspension trailers.
- » Safe-T-Strut™ Maintenance Support System protects personnel during clean out and inspection and provides lockout capability. Unique through-the-lip design keeps strut in place when leveler is raised or is side-impacted by lift truck.

Increased productivity

- » Unique design eliminates pit wall and bumper obstructions for efficient below-dock service.
- » Designed for full-width trailer access, 8'6" (2590 mm) wide platform deck serves wider trucks with lower beds and full-width loads.
- » Infinite lip control allows the operator to extend lip or stop platform any time during leveler travel to assist with loading expediency.

Simple design

Single platform and lifting cylinder provide reliability and safety.

Advanced hydraulic system

Velocity fuse safety stop provides automatic free-fall protection and full range leveler float.

Integral floating steel-faced bumpers

Mechanically operated to minimize maintenance and interference with loading/unloading.



Rugged steel Safe-T-Lip barrier helps prevent drop-off accidents.

Specifications

Nominal dimensions

Widths	Lengths
8'6" (2590 mm)	8' (2438 mm)
8'6" (2590 mm)	10' (3048 mm)
8'6" (2590 mm)	12' (3658 mm)

Operation

The platform is raised when the dock attendant pushes and holds the "Raise" button on the NEMA 4X control box. After the lip clears the trailer floor, pushing and holding the "Lip Extend" button while continuing to hold the "Raise" button will extend the lip. Releasing the push buttons will allow the leveler platform and lip to lower to the truck bed, above and below dock height, without requiring manual chain pulling.

The leveler allows endloading near dock level and below. The entire leveler lip remains at or below the top of the leveler platform in these situations allowing unobstructed access. No selector switch is required to cancel automatic recycle during below-dock endloading.

The platform is designed to compensate for canted truck beds up to 4" (102 mm) and remains flush with the rear of the pit to eliminate pinch points.

Standard features

- » Capacity is to be determined by customer need and Dock Leveler Investment Guide. Consult your Rite-Hite® Representative for details.
- » Exclusive Smooth Transition Technology design.
- » Dual push-button control box provides infinite lip control allowing operator to extend lip or stop platform any time during leveler travel.*
- » Optimized lip chamfer increases smoothness from trailer to leveler by 20 percent versus traditional design.
- » Quick clean subframe.

- » Non-adjustable hydraulic velocity fuse limits platform free fall to 3" (76 mm).
- » Weatherseal (brush or plytex) helps maintain environmental control.*
- » Full-range, telescoping toeguards close off sides when leveler is in highest position.
- » Lip keepers provide cross-traffic support and act as automatic night locks to help prevent building break-in attempts through dock areas.
- » End load legs for at or below dock level end loads with a Safe-T-Lip® barrier.*
- » Entire leveler is protected with a gray enamel paint finish.
- » Biodegradable hydraulic fluid.
- » The lip hinge is equipped with grease fittings for ease of maintenance.
- » 12-month money-back satisfaction warranty.
- » Five-year parts and one-year labor warranty. All warranties subject to standard limitations on liability.

Safety features

- » Exclusive 20" (508 mm) lip, 7" (177.8 mm) Safe-T-Lip barrier will stop a 10,000 lb. (4,535 kg) load moving at 4 mph (6 kph).*
- » Unique slotted lip can be easily positioned out of the way for end loading.*
- » Integral Safe-T-Strut™ Maintenance Support System extends through lip and remains in place if leveler is impacted by a fork truck. System also provides lock-out, tag-out capability.

Hydraulics

The platform is raised by a 4" (102 mm) ID hydraulic cylinder with a 2" (51 mm) solid guide rod mounted to the leveler frame. The lip is extended by a 2-1/2" (64 mm) ID cylinder. The hydraulic pump, manifold, and oil reservoir are contained in an integral assembly. Hoses are routed under the leveler platform, away from debris. Hydraulic fluid is biodegradable.

Electrical

The totally enclosed, non-ventilated motor is rated at 208/240V or 440/480V, 60Hz, 3 phase, 1 Hp. All electrical components, connections and wiring are UL listed or recognized.

Please Note: Unless specifically noted on quotation, all electrical including hook-up is the responsibility of others.

Loading dock bumpers

Two 7" (175 mm) thick floating steel-faced bumpers are integrally mounted to the leveler platform.

Leveler features

Available capacity options are:

F G J L M

20" (508 mm) Lip (non-Safe-T-Lip)

20" (508 mm) Lip (Safe-T-Lip), 7" high (177.8 mm)

Up to 10-year structural and hydraulic warranty, based on signed DLIG.

Automatic return to dock

Zinc metalized finish

Foam insulation

Weatherseal: Brush Plytex

Voltage:

3-Phase _____

Bumpers _____



**Rite-Hite hydraulic dock levelers can be ordered with or without these features.*

Client Info

Customer Name: _____

General Contractor: _____

Quantity: _____

Date: _____



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