

RHM Mechanical Dock Leveler

Rugged Leveler provides safety, cost efficiency and the smoothest transition in the industry.

Rite-Hite® Mechanical Dock Levelers feature the smoothest transition between the loading dock and trailers to help prevent injuries, and maximize safety and productivity while minimizing forklift and product damage.



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

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.

Platform construction

- » Structural design incorporates no more than 8" (203 mm) of beam spacing under the deck to accommodate 3-wheel and 4-wheel forklift traffic.

- » Designed to flex up to 4" (102 mm) under its own weight to maintain a smooth transition for forklifts on out of balance trailers.
- » ANSI MH30.1 tested and certified.

Simple operation

- » Unique counterbalance system ensures smooth, consistent walk-down.
- » Heavy-duty ramp control includes 9-tooth pawl and ratchet bar hold-down system, the most reliable in the industry.

- » Structural safety stops help protect uncontrolled free fall.

Hydrachek® Lip Assist System

- » Provides positive lip extension and yieldable lip.

Specifications

Nominal dimensions

Widths	Lengths
6' (1829 mm)	6' (1829 mm)
6'6" (1980 mm)	8' (2438 mm)
7' (2134 mm)	10' (3048 mm)

Operation

The platform is raised when the dock attendant activates the release-chain release assembly, located at the rear of the platform. The hinged lip fully extends during upward travel. The attendant walks the platform down onto the truck bed. If truck beds are below dock height, the attendant pulls a second chain at the front of the platform during walk-down. The standard 16" (406 mm) lip extends 11" (280 mm) beyond the standard 4" (102 mm) bumper. 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 help 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.
- » Most proven hold down device in the industry. A nine-tooth pawl and ratchet bar provides more surface engagement on the rugged ramp control system.
- » The heavy-duty ramp control provides platform float for vertical trailer movement.
- » Hydrachek® Lip Assist System provides positive, reliable operation of yieldable lip.
- » 12" (305 mm) steel toeguards are welded to leveler platform.

- » Weatherseal (brush or plytex) helps maintain environmental control.
- » Entire leveler is protected with a gray enamel paint finish.
- » Two laminated bumpers provided.
- » 12-month money-back satisfaction warranty.
- » Five-year parts and one-year labor warranty. All warranties subject to standard limitations on liability.
- » Optimized lip chamfer increases smoothness from trailer to leveler by 20 percent versus traditional design.

Safety features

- » Multi-position structural safety legs provide emergency support in the event a truck departs with a load on the leveler.
- » Integral Safe-T-Strut™ Maintenance Support System includes a minimum 1" (25 mm) diameter steel pipe and provides visual warning by extending through the leveler lip. System remains in place if leveler is accidentally raised to its highest operating position or is impacted from the side or rear by a fork truck. System provides lock-out, tag-out capability.



Nine tooth pawl

Leveler features

The available capacity options are:

- C D F
- 16" (406 mm) Lip
- 18" (457 mm) Lip
- 20" (508 mm) Lip

Full Range Telescoping Toeguards

Up to 10 year structural and counterbalance system warranty based on signed DLIG.

Weatherseal: Brush Plytex

Bumpers _____

NOTE: Rite-Hite Dok-Lok vehicle restraints are recommended as a best safety practice.



Client Info

Customer Name: _____

General Contractor: _____

Quantity: _____

Date: _____