

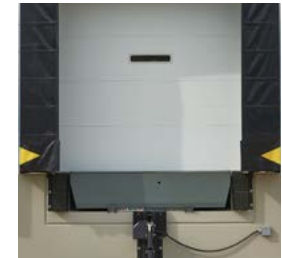
RHA Series Air-Powered Dock Leveler

Get push-button convenience, easy clean-out and the smoothest transition in the industry.

Rite-Hite® Air-Powered 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.



Safe-T-Lip Design



Non Safe-T-Lip Design

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

Standard safety features

- » Available 5" (500 mm) or 7" (177.8 mm) high slotted 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.
- » Stump out solution provides free fall protection and free-float when loading/unloading.

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.

Advanced, low-pressure lifting system

- » State-of-the-art cylindrical air tower is wear resistant for longest life.

- » Exclusive forward mounting provides optimum lifting efficiency.
- » Protected by rugged stationary support.
- » Convenient push button operation.

Reliable components, low maintenance

- » Simple design, few moving parts.
- » Blower motor mounted inside air tower for protection from the environment and wash-down applications.
- » Easy access to leveler pit for quick clean out and inspection.
- » Lifting system and lip mechanism requires no scheduled maintenance.

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 pushes and holds the button on the control box. The platform will fully rise and the lip will then automatically extend. Releasing the push button will cause the leveler platform and lip to lower to the truck bed. 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. Lip is yieldable.

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.
- » Full range, telescoping toe guards close off sides when leveler is in highest position.
- » Optimized lip chamfer increases smoothness from trailer to leveler by 20 percent versus traditional design.
- » Stump-out solution to provide free-fall protection.
- » Weatherseal (brush or plytex) helps maintain environmental control.
- » Lip keepers provide cross traffic support and act as automatic night locks to help prevent building break-in attempts through dock areas.
- » Entire leveler is protected with a gray enamel paint finish.
- » Two laminated bumpers provided.

Safety features

- » Exclusive 18" (457 mm) lip, 5" (127 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.
- » Stump-out solution to provide free-fall protection and leveler free float. If Stump-out solution feature is NOT selected then multi-position structural safety legs provide emergency support.

Electrical/controls

The totally enclosed motor is rated at 110V, 60Hz, single phase. All operator controls are mounted in a gasketed, NEMA 12 enclosure. 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.*



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



Air tower protects blower motor from dirt and debris, especially in wash-down conditions.

Warranty

- » Five-year parts and one-year labor structural warranty.
- » Five-year parts and labor warranty on air tower, blower and hoses. All warranties subject to standard limitations on liability.

Leveler features

The available capacity options are:

- | C | D | F | G |
|--|---|---|---|
| 16" (406 mm) Lip (non-Safe-T-Lip®) | | | |
| 18" (457 mm) Lip (non-Safe-T-Lip®) | | | |
| 18" (457 mm) Lip (Safe-T-Lip®), 5" high (127 mm) | | | |
| 20" (508 mm) Lip (non-Safe-T-Lip®) | | | |
| 20" (508 mm) Lip (Safe-T-Lip®), 7" high (177.8 mm) | | | |

Stump Out Solution (SOS)

Up to 10 year structural warranty based on signed DLIG.

Automatic return to dock.

Weatherseal: Brush Plytex

Voltage:

Single Phase _____

Bumpers _____

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



Client Info

Customer Name: _____

General Contractor: _____

Quantity: _____

Date: _____