

RHV SERIES

VERTICAL STORING
HYDRAULIC DOCK LEVELERS

ENGINEERED FOR A SMOOTHER RIDE
AND A CONTROLLED ENVIRONMENT.



RITE·HITE®



Maximize safety and productivity.

Vertical storing leveler features:

- ▶ Overhead door closes all the way to the pit floor, providing better environmental control over temperature and humidity extremes.
- ▶ Prevents dust, insects and rodents from entering, and the tight seal provides additional security by minimizing points of entry when the dock is not being used.
- ▶ Vertical storing position allows for easy routine pit cleaning or full wash-down.
- ▶ The maintenance/safety support system ensures safe access to the pit.
- ▶ Drive-Thru Application maintains security and environmental control.
- ▶ Protection for your closed overhead door.

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A very smooth move.

Rite-Hite is continually developing innovative solutions to improve loading dock safety by helping to prevent loading dock accidents, as well as helping to eliminate the serious condition known as Dock Shock from your facility.



Dock Shock is the constant jolting and jarring caused by a forklift crossing over the bumps and gaps of a traditional dock leveler, resulting in exposure to whole-body vibration. A first-time back injury can cost your company as much as \$10,000, with chronic back injuries adding up to \$300,000 over time.¹



An extended lip chamfer provides a smooth transition from the trailer bed onto the leveler.



Two-point crown control on the front lip hinge distributes the load evenly, smooths out the transition between the leveler and the trailer bed, and extends the hinge life.



The constant-radius rear hinge creates a smooth transition between the leveler and the warehouse floor.

¹The Ohio State University

Pit configurations to meet your facility's needs.

T-Style pit

Photo shows 6' long dock leveler.



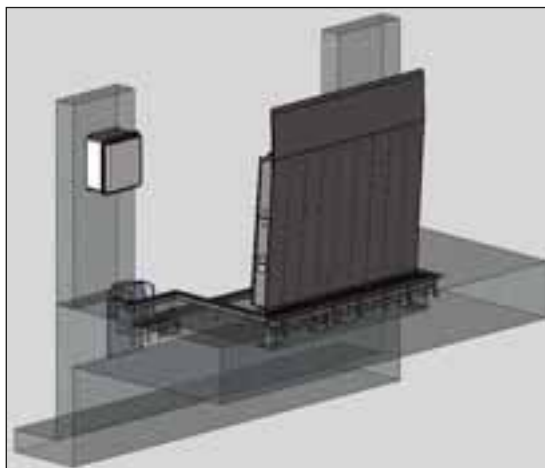
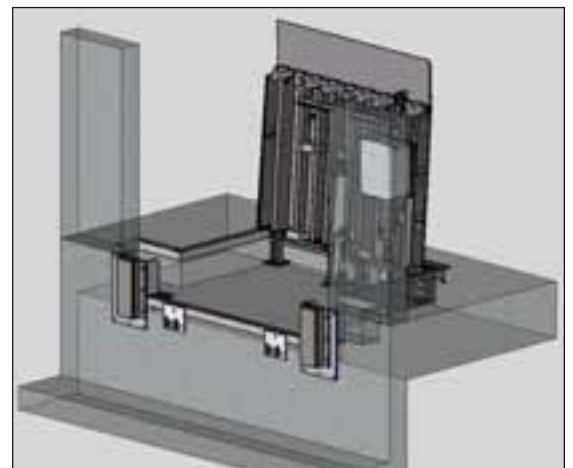
The T-Style pit configuration allows access to wall-mounted controls, increases floor space for product staging and pallet storage, and eliminates gaps or "drop zones" when the platform is down.

RHV exclusive features:

Rite-Hite's vertical storing hydraulic leveler, the RHV, is part of a total integrated system that is:

- ▶ Redesigned for today's dock traffic
- ▶ Customized for your specific needs
- ▶ Engineered to provide safer working conditions

1. Smooth transition between loading dock and trailer, reducing jolts to forklift operators and minimizing product and equipment damage.
2. Constant-pressure push-button controls keep your operator in control of the platform at all times.
3. Structural durability from a single platform and lifting cylinder and two additional beams allow for no more than 8" of unsupported deck space, providing superior support for 3-wheel lift trucks.
4. Lip system prevents costly bed damage that could occur with powered-in and powered-out lips.



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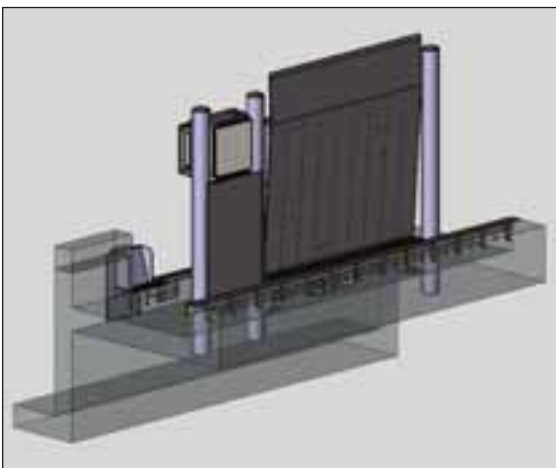
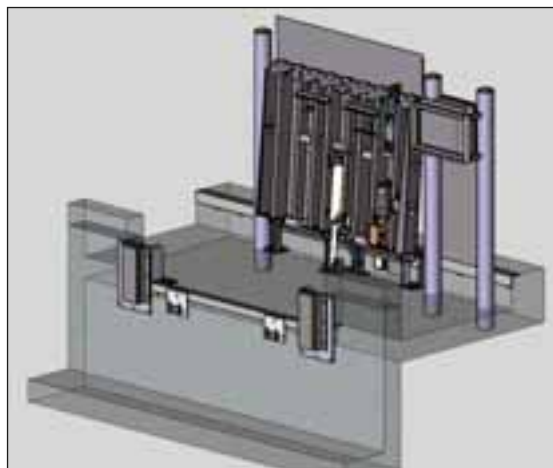
Continuous pit

Photo shows 6' long dock leveler.

- 5. Environmentally friendly biodegradable fluid.
- 6. Smooth leveler free-float – A mechanical counterbalance valve allows the leveler to float freely when a load is applied so that it constantly follows the trailer bed – even during a loss of power.
- 7. Power-up/power-down unit doesn't rely on gravity for leveler operation.
- 8. Optional Frommelt® VHLS Under-leveler Seal saves energy and helps prevent dirt and debris from entering pit.
- 9. Pump, motor and valving can be mounted beneath the deck (shown) or can be remote mounted.
- 10. Run-off guards help protect a driver from accidentally driving off the side.
- 11. Tiltback control stores the leveler over-center, reducing the pressure on the hydraulic system.



The Continuous pit configuration allows for easy, routine cleaning or full wash-down.



Maximize security and environmental control.

Drive-Thru

With Rite-Hite's Drive-Thru Application, your facility is more secure and the interior climate is well maintained.

- ▶ Helps ensure an uninterrupted cold chain.
- ▶ Custom designed for your facility.

Contact Rite-Hite to find out how our design experts can help implement the Drive-Thru Application in your facility.



Vertically stored over-center, allowing the overhead door to remain closed when not in use.



Trailer doors can remain closed and truck driver does not need to get out of the cab.



Dock attendant opens the trailer doors inside of the building and lowers the leveler into position.



Loading/unloading process takes place like a standard pit-mounted leveler.

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Your total solution.

The Rite-Hite RHV Vertical Storing Hydraulic Leveler is part of a total integrated solution developed for today's industrial markets, including:

1. Frommelt® dock seals and shelters
2. Frommelt® VHLS Under-leveler Seal
3. Dok-Lok® Vehicle Restraints
4. Dok-Commander® Combination Control Panel
5. Interlocks and interconnects help maintain safety, security and environmental control.

The RHV, part of the Smooth Transition Dok System along with the STR-4000 Dok-Lok Vehicle Restraint, gives you the smoothest ride between the facility floor and the trailer bed.



The optional Dok-Commander Combination Control Panel serves as an operational hub for your complete dock system.



The optional Frommelt VHLS Under-leveler Seal provides a tight seal against the pit floor when leveler is in use, helping to control energy loss as well as prevent dust and debris from entering the pit.



Dock Levelers

Smooth transition is created between the loading dock floor and the trailer, minimizing jolts to forklift operators and product and equipment damage. Integrated steel barrier prevents drop-off accidents at vacant dock positions.



Vehicle Restraints

The most effective way to prevent accidents caused by trailer separation and vertical or horizontal movement.



Frommelt® Seals and Shelters

A variety of top designs effectively maintains environmental control and protect product, equipment and personnel from weather-related hazards.



FasTrax™ High-Performance Industrial Doors

The safest, most efficient and most reliable doors in the industry.



Combination Controls

The Dok-Commander system integrates multiple control components at each dock position for a total dock safety system.



Barrier Systems

Discover new cost-effective solutions to help keep your people safe and reduce equipment and product damage.

Count on Rite-Hite to improve safety and efficiency at your facility.

Only Rite-Hite offers you the industry's most experienced, most knowledgeable representatives who can help you gain a competitive edge by integrating our quality Rite-Hite products in your facility. Contact your Rite-Hite representative for expert advice on:

- ▶ Minimizing hazards to improve safety
- ▶ Avoiding costly equipment breakdowns and delays
- ▶ Preventing product damage
- ▶ Cutting energy bills
- ▶ Extending equipment service life
- ▶ Saving on maintenance

**RITE-HITE
DOORS**

RITE-HITE®

Rite-Hite Corporation

8900 North Arbon Drive Milwaukee, WI 53223 USA (414) 355-2600 (800) 456-0600 FAX: (414) 355-9248
Mailing Address: Rite-Hite Corporation P.O. Box 245020 Milwaukee, WI 53224 USA

www.ritehite.com

 **Frommelt®**