



100% Newfoundland owned & operated!

TOLL FREE: 877-364-4994

FAX: (709) 364-5116

BUSINESS: (709) 364-4999

E-mail: info@kanstor.com

www.kanstor.com

RITE-HITE Dock Solutions.

RHE Mechanical Edge-O-Dock Leveler

Ideal for docks servicing trucks with minimal height difference, or where space is a challenge.



Easy operation without bending over.

Easy ergonomic operation

Leveler operating handle allows for simple operation without bending over the dock.

Saves time and space

Eliminates need to store, find and move portable plates to correct dock positions.



Easily upgradeable to hydraulic operation

All mechanical units come ready for hydraulic upgrade.

High strength construction

Ramp and lip made of high strength, low-alloy steel.

Grease fittings

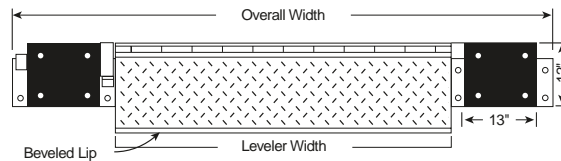
Improve operation and reduce maintenance.

Specifications

Nominal dimensions

| Leveler Width | Overall Width |
|---------------------|----------------|
| 66" (1676 mm) | 102" (2591 mm) |
| 72" (1829 mm) | 108" (2743 mm) |
| 78" (1981 mm) | 114" (2896 mm) |
| 84" (2134 mm) | 120" (3048 mm) |

Width and overall width



Standard features

- » Capable of servicing trucks 3" (76 mm) above and 3" (76 mm) below dock level.*
- » 16" (406 mm) bumpers
- » 13" (330 mm) ramp in the stored position
- » 12" (305 mm) standard lip
- » Deck and lip are 3/8" (10 mm) to 5/8" (16 mm) thick (depending on capacity) high strength, low-alloy steel (55,000 psi minimum tensile strength). Lip is beveled for smooth transition.
- » Automatic lip extension is built into the pull/push cycle, eliminating manual positioning.
- » Simple compression spring offers reliability and ease of operation for lift assist.
- » Operating handle is 1-5/16" (33 mm) in diameter.
- » Guaranteed against defects in workmanship and materials for (1) year from date of sale. We reserve the right to change specifications without notice.

Operation

Simple push/pull of the leveler handle automatically sets the board into place with minimal effort. The handle is stored for the next operation. When the truck pulls away, the leveler returns to the stored position. The unit can also be returned to the stored position with the truck in place. The lip will not stay extended without the truck in place.

Hydraulic upgrade available

Hydraulic Conversion – All Edge-O-Dock levelers come with standard mounting brackets for future conversion to hydraulic operation.

Edge of Dock features

Capacities:*

- 20,000 lbs (9,070 kg)
- 30,000 lbs (13,600 kg)
- 40,000 lbs (18,144 kg)

Lip:

- 12" (305 mm)
- 14" (355 mm)

Tapered

Treaded transition plate (for mounting where sufficient dock edge steel is not present)

Dock Face Plate

Post Office Model with 2" (51 mm) cart stop

Hot dipped galvanized (six week lead time)

Handle Options:

- Built-in telescopic handle
- Handle storage bracket (for pit installations)

Bumpers _____

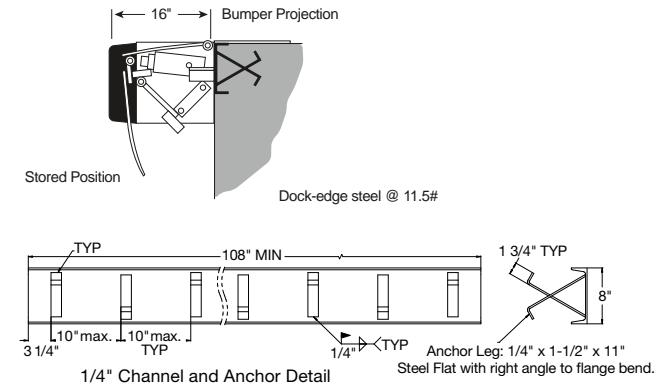
Pads Only

No Blocks/No Pads

**Due to the limited length of EOD levelers, its structure is subjected to greater dynamic load than on longer levelers. Capacities are based on ideal operating conditions (i.e. maximum gross load traveling at 3 mph on 10% grade or less); if the application exceeds this condition a higher capacity leveler must be selected.*

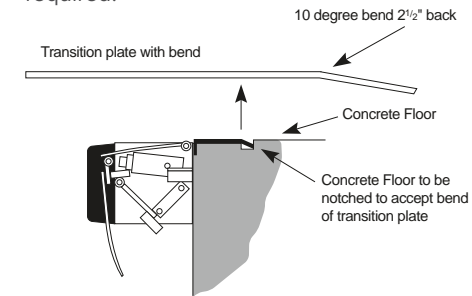
#1 New construction

Standard installation with poured in curb channel.



#2 Existing construction

Transition plate required for existing construction with curb angle. If no angle is present, additional face plate required.



#3 Pit installation

Please contact a Rite-Hite Representative for details.

Client Info

Customer Name: _____

General Contractor: _____

Quantity: _____

Date: _____



R19RHEMSS1017H1

8900 North Arbon Drive
Milwaukee, WI 53223, USA

P 414-355-2600 (800-456-0600)

F 414-355-9248

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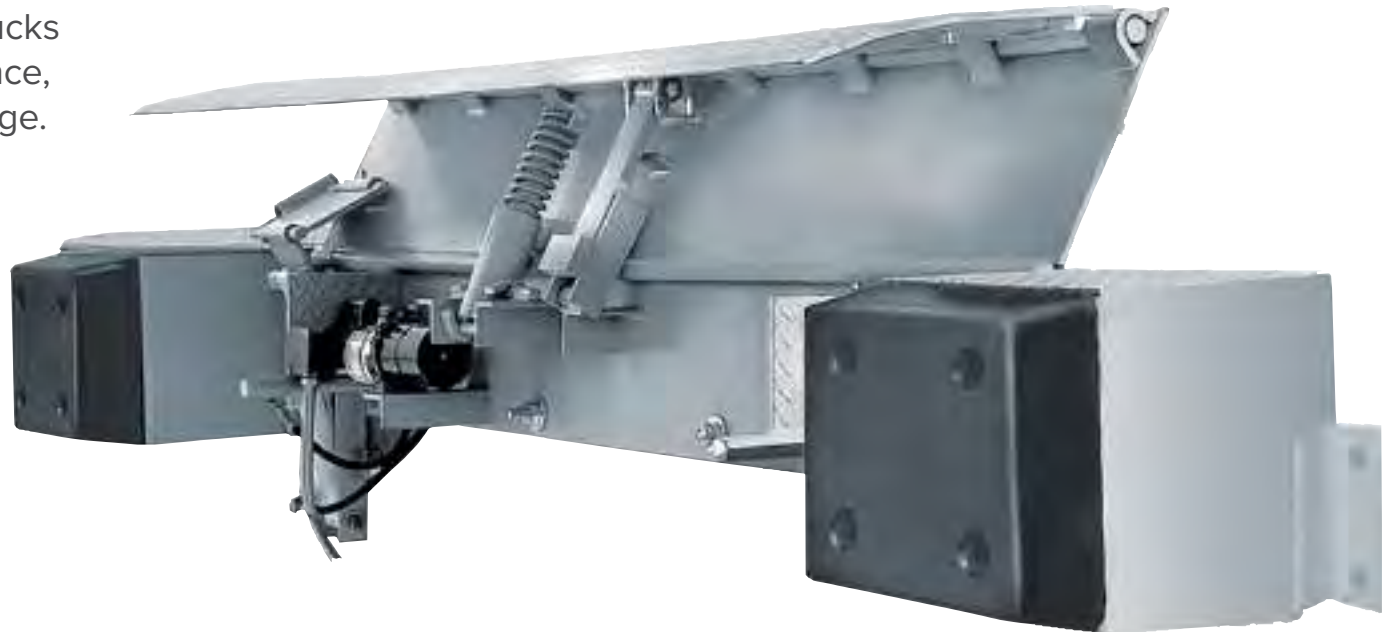
www.RiteHite.com

RHE Hydraulic Edge-O-Dock Leveler

Ideal for docks servicing trucks with minimal height difference, or where space is a challenge.



Power-up/power-down buttons provide control and increased safety



Ergonomic push-button operation

Eliminates manual lifting and chance of injury.

Saves time and space

Eliminates need to store, find and move portable plates to correct dock positions.

Operating handle

In case of power failure, unit quickly converts to manual operation. Operating handle also functions as a maintenance strut.

High strength construction

Ramp and lip made of high strength, low-alloy steel.

Grease fittings

Improve operation and reduce maintenance.

Complete Dock Sealing Guide

Achieve maximum environmental control at the loading dock on all four sides of the opening, both inside and outside.

Air gaps at the loading dock are bad news for your business.

Poor sealing leads to...

Quality
inspection concerns

Energy loss

Contamination
concerns

Diminished
employee comfort

Product damage

Safety hazards

Sources of Sealing Challenges

Wide variety of trailer sizes, especially variability in height



Different trailer configurations



The Rite-Hite Approach What we do for you:

1

Analyze your
current condition

2

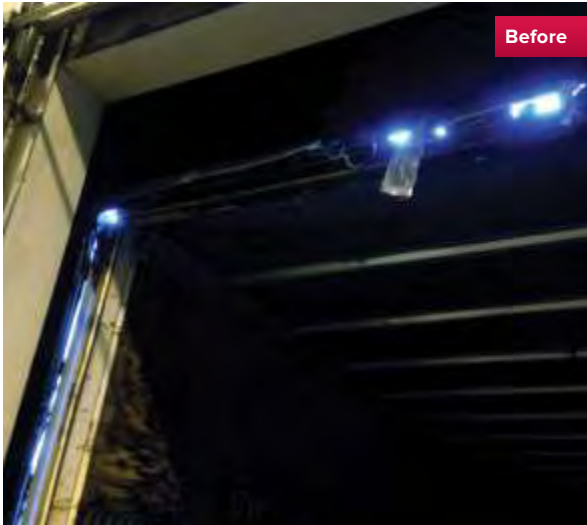
Apply the appropriate
combination of products to
produce the best seal possible
on all four sides of the opening, ►
both inside and outside

3

Deliver an effective
solution that protects
your bottom line

Seal Trailer Tops and Sides

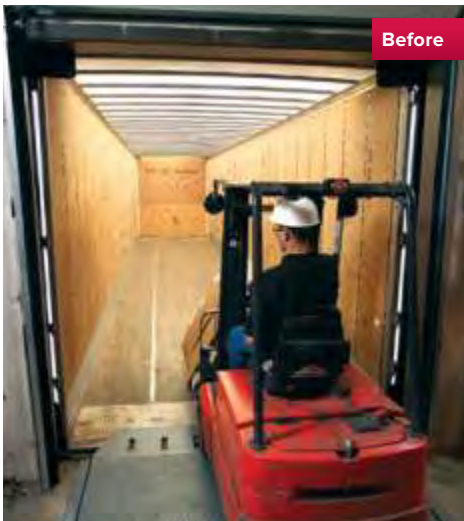
Dock Shelter Applications



Gaps at top and corners of head curtain



Eclipse header seals the gaps, blocks the light



Exposed trailer door hinge gaps



Hinge gaps sealed with GapMaster hooks

GapMaster™ sealing hooks seal trailer door hinge gaps.

Eclipse® weighted header and side curtains work together to create a complete seal across trailer top and upper corners.



Left unsealed, hinge gaps amount to a 2.5 sq. ft. hole in the wall.

Dock Seal Applications

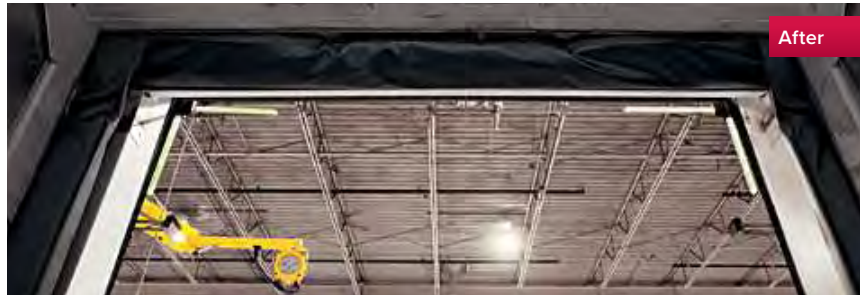


Trailer protrusions

High Performance dock seal headers seal gaps from trailer protrusions.



Gaps from trailer protrusions in dock seal header



High Performance header seals the gaps, blocks the light



Existing Seals or Shelters

RainGuard® weighted trailer top seal fits over existing dock seal or shelter to protect against rain, dust, wind and other harmful elements.

Seal the 4th Side: At dock levelers and bumpers

Outside



Open dock leveler pits invite the infiltration of bugs, dust, pests and debris



PitMaster™ leveler sealing system encloses open dock pits

Inside



Open gaps at dock leveler corners allow unwanted elements to enter and expensive energy to escape



PitMaster Lip Corner Seals block the light, seal the gaps

Vertical Leveler Application



VHLS Vertical Leveler Seal



VHLS Lip Corner Seals



Gaps around bumpers



Filler pad with bumper cover



Gaps at raised bumpers



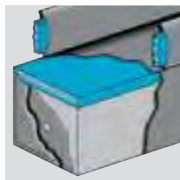
BumperTopper™ seals

Small gaps add up

Inside your dock, anywhere you see daylight there's a gap to be filled, and a product to fill it.

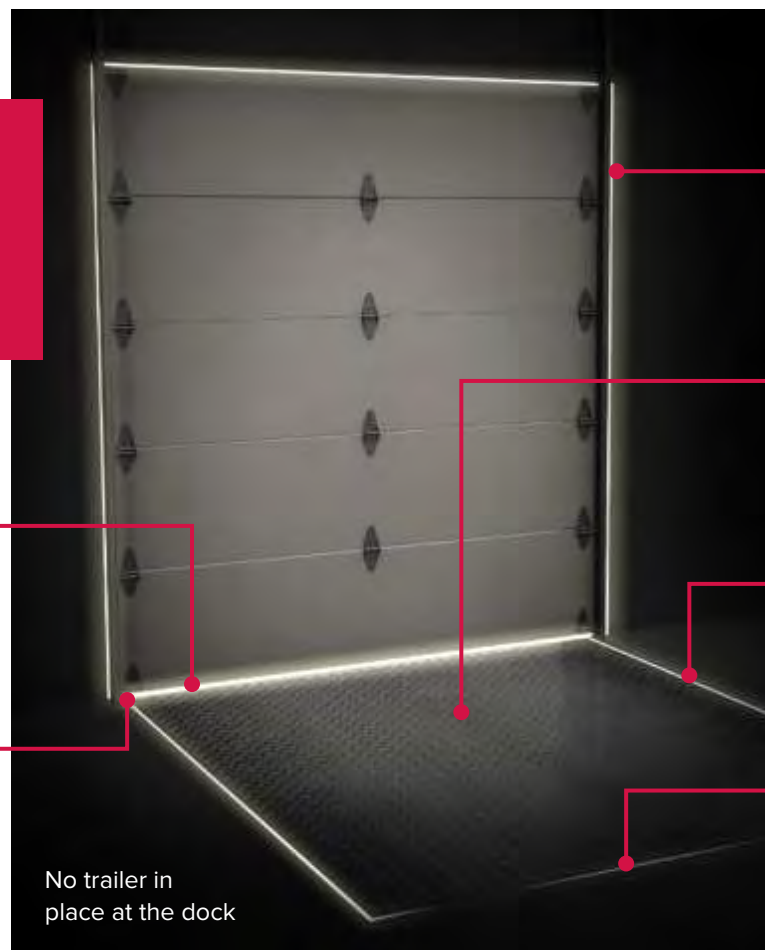
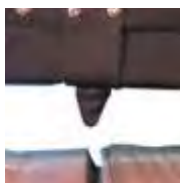
Gap-Sealr™

Seals uneven surfaces between leveler and sectional door



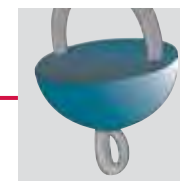
Wedg-It™

Fills the gap between leveler, dock pit wall and bottom edge of sectional door



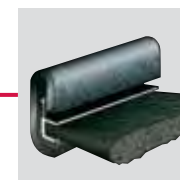
Rite-Seal™

Seals door gaps when trailer is not present at the dock



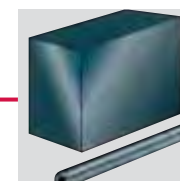
Lanyard Cup Weather Seal

Stops air penetration through leveler lanyard cups



Leveler Weather Seal

Seals gaps along sides of leveler



Rear Hinge Seal

Seals gaps at back of leveler plate

What are your gaps **costing** you?



Hinge gaps

\$600 – \$1,200

annually per dock position



Top and corner gaps

\$200 – \$400

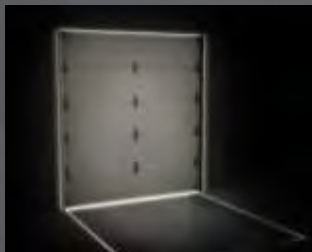
annually per dock position



Beneath and around
dock leveler

\$300 – \$900

annually per dock position



Leveler and door gaps

\$500 – \$1,000

annually per dock position

TOTAL **\$1,600 – \$3,500**
annually per dock position

Energy Loss and Savings Analysis

RITE-HITE
ALWAYS LOOKING AHEAD

Dock Seal and Shelter
Energy Loss & Savings Analysis

Client Information

Prepared for:
ABC Company
John Smith
Location: Receiving

Nearest city with climate information:
Milwaukee, Wisconsin, United States

Dock Environment

Current Air Gap
Dock Door Width: 9 feet
Dock Door Height: 10 feet
Trailer Width: 8.5 feet
Trailer Height: 13.5 feet
Bumper Protection: 4 inches
Hinged Doors on Trailer: Yes
Free Area: 15.2 sq. feet

Heating Conditions
Fuel type: Natural Gas
Inside Temperature: 65 °F
Hours dock door is open per working day: 8 hours
Number of work days per week: 5 days
Fuel Cost: .7 \$ / therm

Cooling Conditions
Type of cooling: Air Conditioning
Inside Temperature: 75 °F
Hours dock door is open per working day: 8 hours
Number of work days per week: 5 days
Cost of Electricity: .09 \$ / kW-hr

Annual Savings Potential Per Dock Position

| Existing Systems | Heating Losses | Cooling Losses | Total Losses |
|------------------------------|----------------|----------------|--------------|
| Shelter with open hinge gaps | \$1,818 | \$107 | \$1,926 |
| No Under-leveler Seal | | | |

| Recommended Solutions | Heating Losses | Cooling Losses | Total Losses | Annual Savings Potential Per Dock Position |
|--|----------------|----------------|--------------|--|
| Eclipse Dock Shelter with PitMaster | \$132 | \$7 | \$139 | \$1,787 |
| Eclipse Dock Shelter without PitMaster | \$801 | \$26 | \$827 | \$1,099 |
| GapMaster Dock Shelter without PitMaster | \$1,047 | \$46 | \$1,093 | \$833 |

Savings calculations are relative to the existing enclosures and seals.

Your Rite-Hite Representative can conduct free Energy Loss and Savings Analyses, demonstrating savings potential at the loading dock and throughout your facility.

More Energy Saving and Environmental Control Solutions



Zoneworks® Curtain Walls

Flexible fabric systems are customizable to virtually any situation. Ideal for temperature separation, humidity control, odor or dust containment, sound attenuation, and many other applications.

Rite-Hite® HVLS Fans

Offer a year-round fundamental change in building environments, keeping people cooler in summer and warmer in winter. High volume low speed fans can also help reduce energy consumption and costs.

FasTrax™ High Speed Doors

Can match virtually any interior, exterior, high-wind, clean, cooler or freezer high-cycle application. Reduce the complexity of maintaining multiple door models in one facility.



R19CSB1017D

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www.RiteHite.com

Dok-Lok® Vehicle Restraint

Optimize your existing Dok-Lok Vehicle Restraints to maximize loading dock safety.



The original, always improving trailer restraint

A commitment to design enhancements and performance improvements prompted the Dok-Lok Optimization Program which allows customers to keep their loading docks current with trends in the trucking industry.

Unique design helps address all trailer separation accidents

Rotating hook design can help address aggressive early departure, trailer creep and dock walk, as well as trailer tipover from landing gear collapse or trailer up-ending.

Enhanced hook design

Innovative hook design offers the most coverage over a rear impact guard.

Engineered to withstand loading dock environment

Stores above ground away from snow, ice, debris and standing water to ensure reliable performance. IP66 rated motor helps prevent dust and water infiltration. Resists damage by backing trailers. Corrosion resistant finish for all-weather performance.

Flexible and reliable

Hook reaches over 6" to help maintain engagement in below-dock endload situations. Powerful extension springs provide superior upward force against rear impact guard to keep trailer secure during loading, even with air-ride trailers.

Exclusive, full-time communication system

Interior/exterior LED light communication system, including Corner-Vu and Leveler-Vu.

Warranty

Three-year parts and two-year labor warranty from date of shipment. All warranties are subject to standard limitations and liability.



Dok-Lok Vehicle Restraint Optimization Options

General description

The Vehicle Restraint secures a semi-trailer or intermodal container chassis to a loading dock by engaging the rear impact guard (RIG) with a rotating hook. Engagement range extends from 9" to 30" above the ground. A spring-loaded, structural steel housing automatically positions the unit when contacted by a backing truck. The hook mechanism is operated from a control panel mounted inside the building.

Construction

The enclosed, welded structural steel housing is constructed of 5/16" (8 mm) steel and is designed to receive the impact of trailers backing into position. The housing protects all components from damage by weather, dirt and debris.

Additional features include:

- IP66 rated motor provides dust and water infiltration protection.
- Corrosion resistant finish, tested to 1000 hours of salt spray.
- Optional dual clad track is ideal for operations with high usage and/or heavy capacities.

Controls

Available in a basic or advanced option the Universal Restraint Controller provides flexibility for customizing sequence of operation to most requirements. All operator controls are mounted in an interlock capable, NEMA 4X, gasketed control panel and enclosure assembly.



Additional features include:

- Outside Light Monitor - Communicates the condition of the outside lights
- Coded override if fault condition occurs
- Auto re-fire, anti-theft technology
- Interlock capable with other loading dock equipment
- Self-diagnostic trouble-shooting
- Security System interface feature to address cargo theft

Electrical components and wiring are UL listed or recognized. Dok-Lok restraint requires a power source of 110/115 volt, single phase with a 15 Amp service circuit.

Communication system

» Outside Communication

System: Full-time flashing red or green lights with signs instruct the truck driver when it is safe to back in or pull out. Low-profile light box design helps avoid damage from backing trailers.



» Inside Communication

System: Full-time flashing red or green lights with signs help the dock attendant know when it is safe to perform loading/unloading operations. The inside lights are in the opposing mode to the outside light monitor.

» **Corner-Vu and Leveler-Vu:** Corner-Vu provides clear, immediate Dok-Lok status to the forklift driver before entering the trailer. Leveler-Vu confirms Dok-Lok status to the forklift driver while inside the trailer.

» **Audible Alarm:** Inside alarm helps warn the dock attendant when a normal rear impact guard has not been properly engaged. Provides a positive signal in addition to the red light.

» **Audible Alarm Override:** A push-button control allows personnel to override the audible alarm. When the audible alarm is in override, the inside red and green lights continue to flash simultaneously.

» **LED lights standard:** LED lights provide long life. Colored bulbs help prevent miscommunication in the event a lens cover is missing or broken.

Dok-Lok Vehicle Restraint Optimization Survey

1. Dok-Lok Carriage:

☐ 9 Inch Carriage ☐ 12 Inch Carriage (Standard)

2. Flood Seal:

☐ No ☐ Yes

3. Roller Track:

☐ None ☐ Roller Track Standard

☐ Roller Track Dual Clad

4. Springs, Covers & Hardware:

☐ None ☐ Springs, Covers & Hardware

5. Sign Package:

☐ English ☐ None

6. Control Box:

☐ None

☐ Basic Control Box

☐ Advanced Control Box

☐ Other _____

NOTE: CB includes a new LED style Outside Light Box. Corner Vu and Leveler Vu require a Control Box to be ordered with this Dok-Lok Optimization.

7. Corner-Vu Light Package:

☐ No ☐ Corner-Vu Light Package

8. Leveler-Vu Light Package:

☐ No ☐ Leveler-Vu Light Package

9. Leveler Description:

☐ None

☐ Pit Style Leveler

☐ Vertical Storing Leveler

Client Info

Company Name _____

Date _____



A19DKUSS0817H2

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Exclusive, full-time communication system

Interior/exterior LED light communication system, including Corner-Vu and Leveler-Vu.

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☐ Roller Track Dual Clad

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5. Sign Package:
☐ English ☐ None

6. Control Box:
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☐ Basic Control Box
☐ Advanced Control Box

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☐ Vertical Storing Leveler

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www.RiteHite.com

Rite-Flex® Impactable Door

Combine vision, ventilation and flexibility for a complete door solution.



Rite-Flex Panel can flex up to 12 inches.



Rite-Flex Door shown with louvered ventilation panel.

Impactable, Sectional Door

- » Constructed of impactable Rite-Flex panels from top to bottom
- » Provides a clean, uniform appearance
- » Exclusive panel design allows for natural light and ventilation options
- » Can be customized to meet your needs

Unique Panel Design

- » Unique, modular panel design is impactable and versatile
- » Shrugs off most accidental fork truck impacts
- » Panels flex up to 12" (305 mm) without damage
- » Galvanized steel end caps for conventional look

Replace Modular Sections Easily

- » If modular section is damaged, simply replace the damaged section with a new one
- » Individual sliding slats can be replaced for quick repair

Vision Solutions

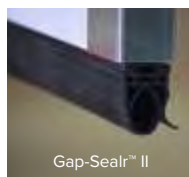
- » Day-Lite Translucent Slats allow natural light into the building, reducing energy usage while helping to maintain a safer workplace
- » 8" (205 mm) x 24" (610 mm) plexiglass windows can be incorporated into a translucent slat or be used alone within a Rite-Flex Panel

Ventilation Solutions

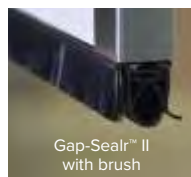
- » When there are concerns for air quality and "closed-door" policies eliminate the option of open dock doors for ventilation, consider Rite-Flex Ventilation Panels
- » Louvered design allows for easy opening and closing of vent
- » Constructed of powder coated aluminum
- » Screen opening is 12-1/2" (320 mm) x 33-1/2" (850 mm)
- » Screen is constructed of fiberglass mesh
- » One to three screen inserts per door panel, depending on width
- » Optional insulated inserts can be installed during colder months



Gap-Sealr™ I



Gap-Sealr™ II



Gap-Sealr™ II with brush

Optional side and bottom seals are available, ensuring a better seal around your sectional door.

Eclipse® NH Shelter (620NH)



Ordinary dock shelters leave gaps where contaminants can enter your facility and expensive energy can escape.



The Eclipse NH dock shelter effectively seals the gaps at the trailer top, corners, and sides, providing a complete, dark seal.

What does daylight mean at your loading dock? It means there are gaps in your environmental seal, holes through which contaminants can enter your facility and expensive energy can escape. Only Eclipse shelters are equipped to fully obscure daylight and effectively seal these gaps, in a single piece of equipment.

Excellent for drive-thru applications

Eclipse NH design lets trailer doors be opened inside the building for security or other purposes while maintaining the tightest seal possible in these applications.



Eclipse NH in a drive-thru application.

Works with varying trailer styles.

Advanced design features enable reliable sealing performance even when different trailer styles use the same dock position.

Exclusive durability features.

Eclipse NH shelters are built to last at high-traffic docks. Side curtains are constructed of friction-resistant Durathon™ fabric so they hold up under extreme wear and tear. Super tough front impact plates protect weighted sealing header from trailer strikes. Poly-wrapped foam side frames can be impacted by off-center trailers without being damaged.



Guaranteed performance.

Eclipse NH shelters with Durathon side curtains are backed by a 36-month money-back guarantee, ensuring your investment meets your performance expectations.

Eclipse NH enclosure seals liftgate as well as standard over-the-road trailers.

Contact your Rite-Hite Representative.

Or visit our website for more information on the full line of additional Rite-Hite solutions.



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www.ritehite.com

Protect your people, profits and products

Rite-Hite Safety Barrier Systems

RITE·HITE[®]
ALWAYS LOOKING AHEAD

Eclipse® NH Soft-Sided Dock Shelter

The Eclipse NH shelter, together with the PitMaster™ Under-leveler Seal, offers effective 4-sided trailer sealing at your loading dock openings.

1 Seals trailer top:

Heavily weighted head curtain

Creates a tight seal along full width of the trailer, using gravity to block gaps and maintain constant contact during trailer bounce. Self-adjusts to wide range of trailer heights. Diverts rain without the need for additional overhead device.

2 Seals the corners:

Integral fabric sealing pockets

Side curtains and weighted head curtain work together when trailer backs in for complete corner black-out. Sealing pockets connect sides to top, blocking gaps that other shelters cannot address.

3 Seals the sides:

Advanced Curtain Sealing Edge

Side curtains feature exclusive Rite-Hite double-seal technology to provide tightest seal possible against sides of trailer.

4 Seals the bottom:

PitMaster sealing system

Gaps large and small beneath and around the dock leveler are sealed with optional PitMaster components, providing substantial energy savings, and improving cleanliness and sanitation.



Rite-Hite® Eclipse NH Dock Shelter.

The science of safety

Industrial facilities are inherently dangerous and use a variety of barriers to protect people, products and property.

In some instances, these barriers may simply separate pedestrian traffic from other internal vehicle traffic. In other facilities, barriers may be employed to keep people away from automated processes and machinery or to protect employees against falls.

Barriers may also be used to protect production equipment and/or the building itself from vehicle damage. In all cases, barriers play an important role in helping facilities operate safely and efficiently. An appropriate safety barrier should be selected after evaluating the application criteria.

Barrier rating methodology

Rite-Hite® has developed a test methodology to quantify specific application variables and determine barrier ratings in terms of total kinetic energy absorption, instead of a specific weight and speed.

It is centered on the formula for kinetic energy ($KE = 1/2mv^2$, where m = mass [weight] and v = velocity [speed]). Expressing the

impact rating in terms of energy allows the user to understand the effects of various speeds and weights. It also helps determine a more appropriate barrier based on the application than would be possible with a single speed and weight rating.

The chart below (Figure A) separates the barrier's impact rating into three different areas. The green area shows testing where the barrier wasn't damaged and it is capable of being impacted again. The yellow area shows where the barrier stopped the impact load, but would possibly need repair or replacement. The red area shows where the impact energy exceeds the barrier's maximum rating. In these cases,

the impact cannot be fully absorbed and the barrier would not be able to stop the load – indicating that this barrier should not be used for this application.

The bottom line

Installing safety barriers is a cost effective, yet important investment that can help prevent accidents, injuries and damage to products or equipment. Before selecting barriers to invest in, it is important to consider all of the application requirements. Once these site specific variables are determined and understood, a user can select the best barrier(s) to meet their safety and protection needs.

BLAST – Putting safety to the test

Each Rite-Hite Barrier Safety product is BLAST® tested at various speeds and weights. Then each product is given an impact rating to help match the requirements of any application.

By subjecting our designs to controlled, repeatable testing, we can offer sound science that backs up the solutions we offer. That's the science of safety.

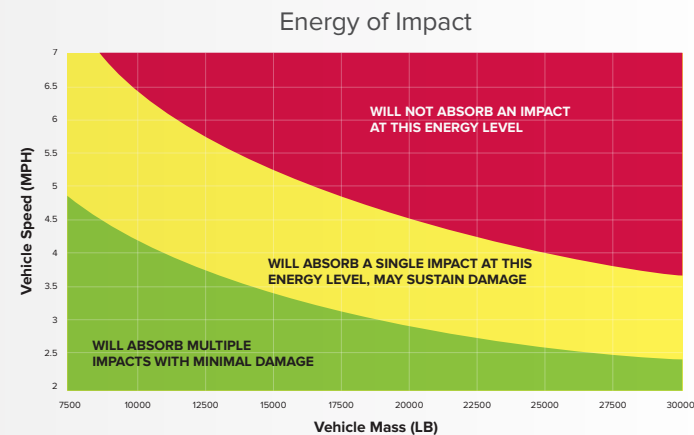


Figure A

*Barrier Load and Speed Test.



Considerations

There are several considerations facility managers should keep in mind when considering safety barrier applications:

- » What are the maximum gross loads and speeds of the material handling equipment expected to impact the barriers?
- » Is there sufficient space to allow the barrier to sustain maximum deflection when impacted?
- » Is repair or replacement acceptable after a barrier impact creates permanent deformation?
- » Are barriers permanently installed or do they need to be removed on a regular basis?

Many manufacturers rate industrial barriers based on their ability to stop an impact of 10,000 lbs. at 4 mph – which has been an industry standard for more than 30 years. However, while this rating provides a meaningful reference for a specific load at a specific speed, it fails to define several key variables:

- » How is the barrier's performance affected when the weight of the impacting vehicle is increased?
- » How is the barrier's performance affected as the impacting vehicle's speed increases?
- » How severely was the barrier damaged by the impact? Is replacement necessary?
- » How much did the barrier deflect during impact? Did it stop the load soon enough to prevent injury or damage?

CONSIDER THESE FACTS:

- » 34,900 serious injuries per year involve a forklift and 61,800 non-serious injuries per year involve a forklift. – OSHA
- » Workplace injuries and deaths cost society \$200 billion in 2013 and a single injury can cost tens of thousands of dollars. – National Safety Council
- » Falls to a lower level are the second leading cause of workplace fatalities. – National Safety Council
- » Fall protection is the most frequently cited safety violation. – OSHA

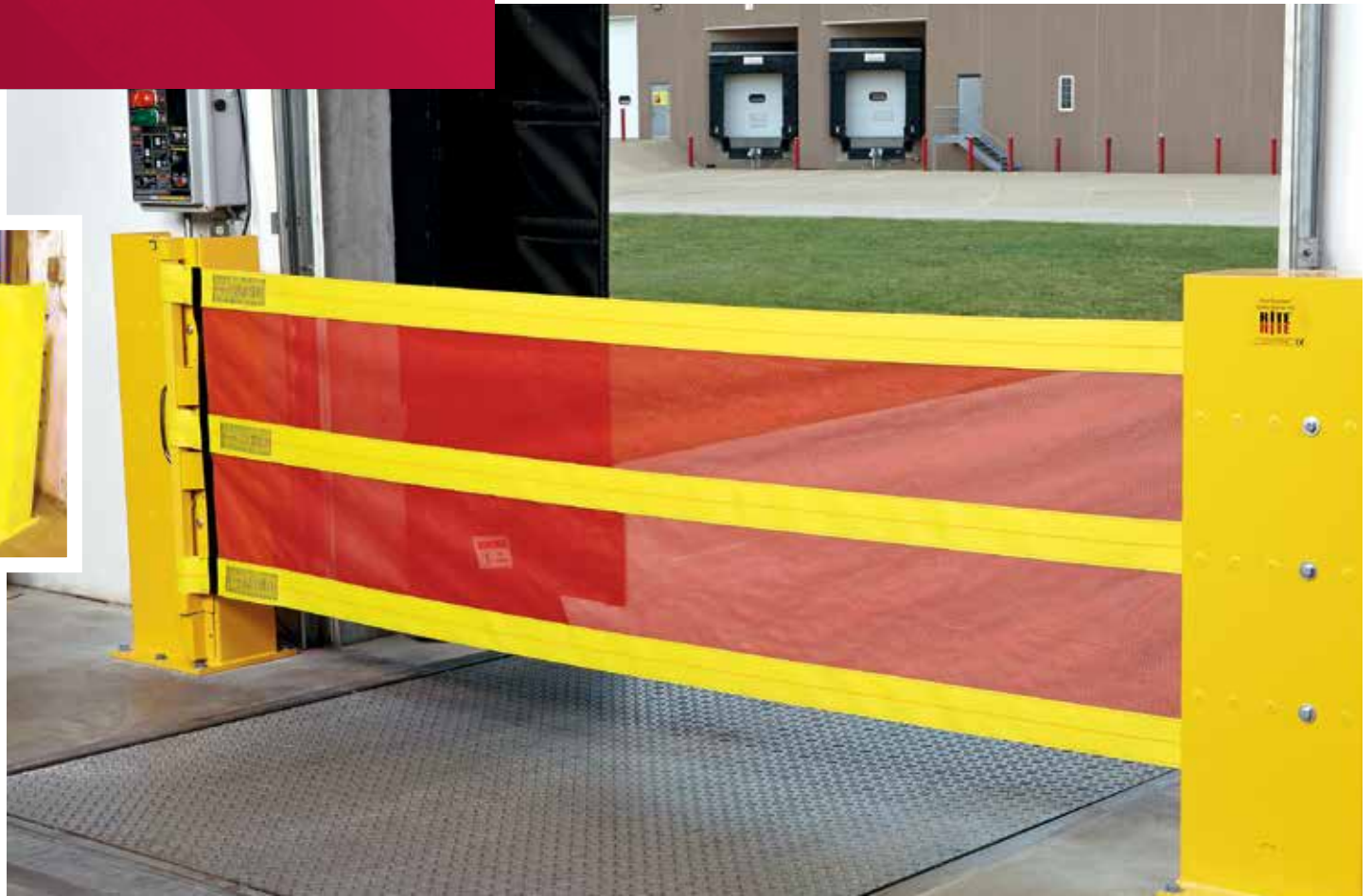
Loading dock safety barriers

Ensure maximum safety at the loading dock and other areas of a plant that require separation protection.

Dok-Guardian™ Safety Barrier

This heavy duty safety barrier is made of a bright red PVC-coated fiberglass mesh curtain with three bright yellow heavy-duty restraint straps, that also serve as a highly visible warning sign. It operates manually, and easily fits across openings up to 16'5" wide.

The Dok-Guardian is anchored on either side by yellow safety Rite-Hite Warden guards, which provide excellent door track protection. When loading or unloading, the safety barrier retracts into one of the Wardens.





Full-time safety integration

The Dok-Guardian barrier is designed to integrate with Rite-Hite's powerful Dok-Lok® system, to ensure full-time loading dock safety.



1

The red light on the Dok-Lok control box indicates that the Dok-Guardian's curtain is safely locked across the opening.



2

The Dok-Lok vehicle restraint safely secures the trailer to the loading dock.



3

When the lock button on the Dok-Lok is pressed and the inside light turns green, the Dok-Guardian interlock releases, allowing for loading and unloading of a trailer.

Loading dock safety barriers



Dok-Guardian™ LD Safety Barrier

The Dok-Guardian LD barrier is ideal for a loading dock or work area where light duty material handling equipment is used. It also serves as a highly visible warning for operators and pedestrians.



Warden™ TR

Specifically designed for sectional doors, this unit provides door track protection without interfering with the door operation.

| Rite-Hite Barrier Systems <small>These products all address OSHA 1910.28(b)(1)</small> | Dok-Guardian | Dok-Guardian LD | GuardRite Retractable |
|--|--|--|--|
| Stopping power <small>*Consult individual product BLAST chart for complete weight and speed ratings.</small> | Curtain stops up to 30,000 lbs. multiple times with little or no damage. | Curtain stops up to 5,500 lbs. multiple times with little or no damage. | Post stops up to 32,500 lbs. multiple times with little or no damage. |
| Deflection when impacted | Up to 11'5" opening: 17" Up to 16'5" opening: 30" | Up to 11'5" opening: 17" Up to 16'5" opening: 30" | 2" |
| Maximum clear opening width | 16'5" | 16'5" | NA |
| Ease of removal & repositioning for access to opening | Manual operation: Less than 10 seconds, 30 lbs. of force. | Manual operation: Less than 10 seconds, 30 lbs. of force. | Barrier is manually retracted/raised, requiring 20 lbs. of pressure. |
| Special notes | Common member units and interlock options available. Wardens protect door tracks on stand-alone units. | Common member units and interlock options available. Wardens protect door tracks on stand-alone units. | Can be used in conjunction with GuardRite Safety Handrail. |

GuardRite® Retractable Barrier

A rugged steel barrier that provides heavy-duty protection and stores flush with floor when access is needed.



Shown with optional GuardRite Removable Handrail



Separation means protection in your plant

Your plant can be a dangerous place. When it comes to protection, a yellow line painted on the floor just doesn't cut it. GuardRite Retractable Barrier is designed for areas of your plant that require a heavy-duty safety system, but also allows access when needed.

Designed for impact

- » Designed to stop up to 30,000 lbs.
- » Barrier extends 10" above floor level
- » Rugged steel construction

Flexible design

- » Barrier is lift assisted, stores flush with floor surface, locks up and down
- » Can be used in conjunction with GuardRite Removable Handrail

In-plant safety barrier systems



SpanGuard® Mesh

SpanGuard Mesh is a lightweight, high-visibility barrier that helps define and separate workspaces, and will restrict access to hazardous areas like loading docks and walkways near fork truck traffic. It can be easily removed and stored, or relocated should the plant layout change.



GuardRite® Removable Handrail

GuardRite Removable Handrail is used as a visibility barrier to separate and protect areas of your plant that need occasional access. The handrails lock in place, are removable between posts, and are designed to nest on other rails for easy access.

| Rite-Hite Barrier Systems | SpanGuard Mesh | GuardRite Strap | GuardRite Flex | GuardRite Steel | GuardRite Sure-Stop | Safe-T-Gate Vertical | Safe-T-Gate Swing | GuardRite Removable Handrail |
|---|---|--|---|--|---|--|--|--|
| Stopping power Consult BLAST Impact Rating Chart for complete weight and speed ratings. | Stops up to 2,000 lbs. of force. | Stops up to 30,000 of force. | Stops up to 5,000 lbs. of force. | Stops up to 30,000 lbs. of force. | Stops up to 29,800 lbs. of force. | Stops up to 1,000 lbs. of force. | N/A | Rail stops up to 5,000 lbs. multiple times with little or no damage. |
| Deflection when impacted | 60' long curtain: 12"-24" depending on tightness of curtain. | 20' length: 32" 40' length: 50" 60' length: 84" | 9'6" long rail: 2" | 9'4" long rail: 12" | 2" | Up to 10'0" opening: 6" | 5' gate: 6" | 2" |
| Maximum clear width between uprights | 60' | 60' | 9'8" | 9'4" | Does not utilize uprights – individual sections are bolted together. | 12'0" | 5'0" | 10'4" |
| Ease of removal & repositioning for access to opening | 1-2 minutes. 20:1 gear ratio makes it easy to tighten. | 5-10 minutes. Optional storage system available. | Permanently fixed posts; rails can be installed to allow easy lift-out. 10' rail weighs 15 lbs. | Permanently fixed barrier. Removable rail option available. 9'4" rail weighs 80 lbs. | Permanently fixed barrier. | Manual operation: Less than 5 seconds, 15 lbs. of force. | Manual operation: Less than 5 seconds, 15 lbs. of force. | Handrail locked in place, removable between posts, self-storing. Less than 10 seconds. |
| Special notes | Available in 30' and 60' lengths. Latching post can be common member. | Single post and/or single strap configurations also available. Posts can be common member. Straps available in 10' increments. | Rails can be sized in field. Up to seven rails can be installed between posts. Add-on post can double height. | Standard rails: 9'4" Shorter, custom-sized rails available. | Can be combined with GuardRite Flex or GuardRite Strap. 90° corner section available. | Posts can be used as common members with GuardRite Flex. Overhead clearance required is opening width plus 4'4". | Posts can be used as common members with GuardRite Flex. | Can be used in conjunction with GuardRite Retractable. |



GuardRite® Strap

GuardRite Strap is a simple but powerful barrier. It's designed to provide protection in places where occasional unrestricted access is needed. That includes interior loading docks and exterior platform docks.



GuardRite® Steel

GuardRite Steel is a traditional guardrail, ideal in situations where rigid, durable protection is needed. Examples include isolating open, exposed work areas, separating conveyors from pallet storage, and protecting workstations at loading docks.



GuardRite® Flex

GuardRite Flex is a modular, high-visibility fixed barrier system that is easy to install, and can be configured in a variety of ways. It's ideal wherever separation for pedestrian traffic is necessary — at entrances to the plant, along inside perimeter walls, and outside of cafeterias and restrooms.



Safe-T-Gate® Vertical

Safe-T-Gate Vertical is a lightweight, cost effective personnel barrier that provides easy pedestrian access whenever needed. While not designed to stop material handling vehicles, it will absorb minor bumps with little or no damage.



GuardRite® Sure-Stop

GuardRite Sure-Stop is an eight-inch high gusseted barrier that is available in 18", 24", 36", 48" or 60" lengths. It's essential for safeguarding the bases of electrical boxes and the walls in modular buildings.



Safe-T-Gate® Swing

Safe-T-Gate Swing is a low cost, easy-to-operate safety gate personnel barrier. It can be used inside a facility to separate pedestrian walkways or other light duty applications.

Mezzanine safety barrier systems

Protect your employees and avoid accidents when working on mezzanines and elevated work platforms with this dual reciprocating safety barrier.

GateKeeper® Mezzanine Safety Gate

When the outer gate on the edge of the platform is opened, the inner gate closes to prevent access to an exposed edge. When the inner gate is opened the outer gate closes to provide a barrier on the exposed edge.

The exclusive Saf-T-Latch prevents workers from raising the gate from inside the work zone. Integral toeboard prevents objects from being pushed to a lower level. The guarded 3" track and nylon rollers with sealed precision bearings provide smooth, maintenance-free operation.

- » Exclusive link bar design ensures both gates work in unison
- » Optional automated design uses push button control features for easier operation
- » Addresses ANSI standard MH28.3 6.4.3 - 2009



RacKeeper® Safety Gate

The RacKeeper Safety Gate is perfect for multilevel pick modules or any other elevated work area that requires fall protection within a racking system.

In-plant warning systems

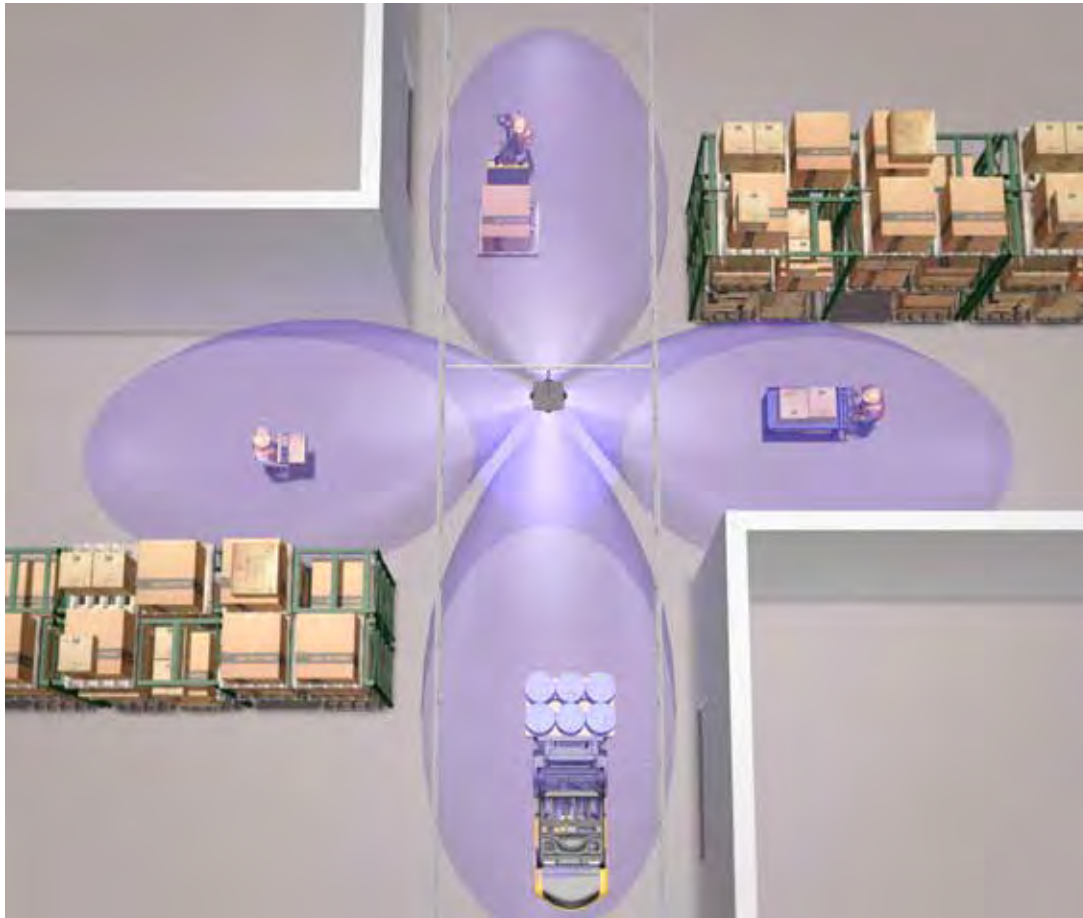


Safe-T-Signal® Intersection Warning System

Safe-T-Signal helps prevent accidents where people and material handling equipment share the same space in your facility. It detects traffic from all directions and projects various safety signals, warning each person of the approaching traffic.

Traffic detection from all directions

- » Unidirectional microwave sensors differentiate approaching traffic
- » Designed for four-way, three-way and two-way intersections
- » Adjustable sensing range and sensitivity
- » Communicates using yellow LED yield sign and red LED stop sign
- » When two or more red LED stop signs appear, a blue LED light is also projected onto the floor
- » UL Listed 100-240VAC 50/60Hz input, Class 2 24V output Power Supply





Improving industrial **safety**,
security, and **productivity**
worldwide through quality
and innovation.

- ▶ VEHICLE RESTRAINTS
- ▶ LOADING DOCK LEVELERS
- ▶ DOCK SEALS AND SHELTERS
- ▶ INDUSTRIAL DOORS
- ▶ HVLS FANS
- ▶ BARRIER SAFETY SYSTEMS
- ▶ MACHINE GUARDING SYSTEMS
- ▶ INDUSTRIAL CURTAIN WALLS



A19BARB0217H1

8900 North Arbon Drive
Milwaukee, WI 53223, USA

P 414-355-2600 (800-456-0600)

F 414-355-9248

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www.ritehite.com



FasTrax[®] FR Cold Storage Doors

Combining the unique Thermal Air[™] System with the InsulMax R-4 curtain provides an innovative, energy-efficient high performance cold storage door. The choice is easy.

Simple design and easy choice for almost any opening

Available with a standard lift, high lift, full vertical, wrapback and custom configurations, FasTrax FR fits almost any opening with fewer costly building modifications.

Reinventing the wheel

The heart of every FasTrax door, the drive system powers the door up and down without the need for counterweights, springs or pulleys.

Maximum uptime, minimum maintenance

Fewer moving parts means reliable, trouble-free performance and low lifetime ownership cost.

Industry's highest operating speeds

Operating speeds up to 100" per second (2.5 m/sec) allows fast cycle times that increase productivity and maximize energy savings.

TRUE Auto Re-feed[™]

After an accidental impact, the FasTrax FR door re-feeds itself on the fly without human intervention, keeping your freezer door closed and downtime to a minimum.

Industry's safest door

Thanks to Soft-Edge[™] Technology, two thru-beam photo eyes and optional VirtualVision, motion sensors and nonpowered opening.

Superior full-perimeter seal

Reduces the need for heat lamps and air curtains which can be costly to operate.



Thermal Air seal



InsulMax curtain



Conveyor door

Specifications

Speed

Up to 100"/sec (2.5m/sec) with standard variable frequency drive.

Top speed is dependent on door size.

Size

Minimum: 3'0" w x 3'0" h (914 mm x 914 mm)

Maximum: 8'3" w x 13'3" h (2514 mm x 4038 mm)

See FasTrax FR LD for larger door sizes

Curtain Material

InsulMax – 1" (25 mm) of polyester insulation placed between two layers of 30 oz. urethane.

Side Frames

Powder-coated aluminum extrusion, 4 1/2" wide x 4 3/4" projection (107 mm x 120 mm).

Drive Systems

2 HP motor, variable frequency drive, cushioned motor mounts, drive gear, drive spheres and a composite-edge material attached to the curtain.

Electrical Requirements

Single-phase: 220V-240V

Three-phase: 208V, 230V, 400V, 460V, 575V

Control Box

i-COMM™ II Digital Controller, variable frequency drive. Available Compact User Interface.

Curtain Retention

Wear-resistant Lexan wind guides keep tension on the curtain the entire length of the side frame. Standard pressure resistance of 0.2 in-H₂O (50 Pa).

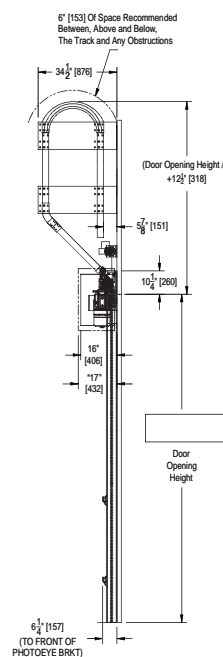
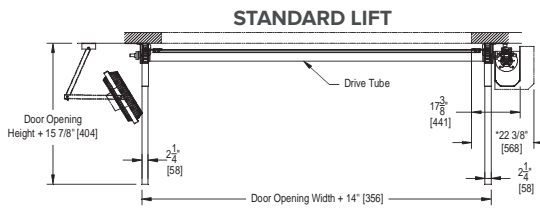
Includes TRUE Auto Re-feed™ system in case of accidental impacts to curtain.

Safety Features

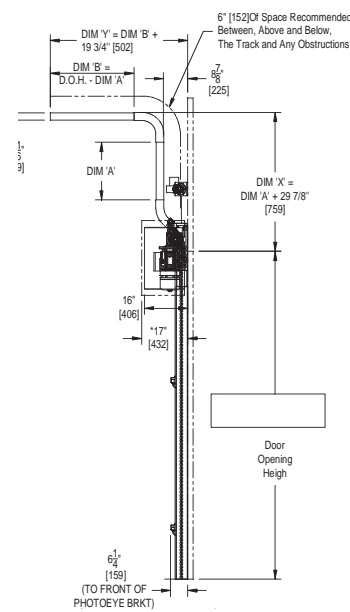
Soft-Edge™ Technology, two thru-beam photo eyes mounted at 18" (457 mm) and 54" (1371 mm) off the floor.

Warranty

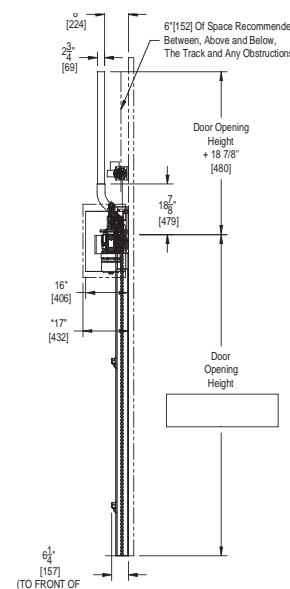
Limited two-year parts and one-year labor on all components, including electrical. Limited five-year for motor, brake and gearbox. Rite-Hite Doors also offers an exclusive 1-year money-back guarantee of customer satisfaction.



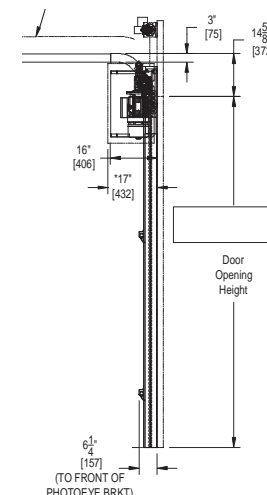
WRAPBACK LIFT



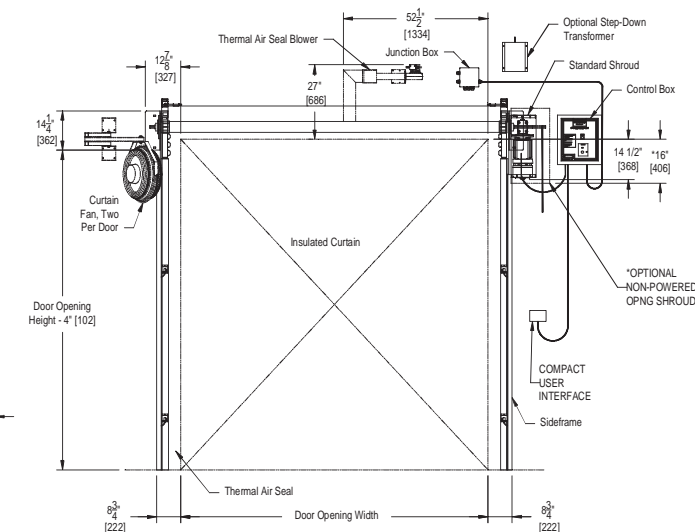
HIGH LIFT



VERTICAL LIFT



STANDARD LIFT



D20FTFRSS0217H1

8900 North Arbon Drive
Milwaukee, WI 53223, USA

P 414-355-2600 (800-456-0600)

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www.RiteHite.com

FasTrax® High Speed, High Performance Doors

Easy is better. Easy to specify.
Easy to operate. Easy to maintain.
And easy to own. With Rite-Hite's FasTrax high performance industrial doors, the choice is easy.

Simple design and easy choice for almost any opening

A single operational platform can be used for interior, exterior, cooler, freezer and high wind applications

Versatile track configurations

Available with a radial track, standard lift, high lift, full vertical and custom configurations, FasTrax fits almost any opening with fewer costly building modifications

Simple, menu-based configurability

Choose only the features and options you need

Reinventing the wheel

The drive gear, edge material and drive spheres eliminate the need for counterweights, springs or pulleys

Maximum uptime, minimum maintenance

Fewer moving parts mean fewer, less costly repairs and reliable, trouble-free performance

Industry's highest operating speeds

Operating speeds up to 100" per second (2.5 m/sec) allows fast cycle times that maximize productivity and energy savings

TRUE Auto Re-feed™

After an accidental impact, the FasTrax door re-feeds itself on the fly without human intervention, keeping your door closed and downtime to a minimum

Industry's safest door

Thanks to Soft-Edge™ Technology, Virtual Vision, available motion detection, two thru-beam photo eyes and optional large clear vision



High lift



Standard lift



Custom lift

Specifications

Speed

Up to 100"/sec (2.5 m/sec) with standard variable frequency drive. Top speed is dependent on door size.

Size

Minimum: 3'0" w x 3'0" h (914 mm x 914 mm)
Maximum: 16'0" w x 16'0" h (4876 mm x 4876 mm)

Curtain material

Interior: DuraMax 60 mil (1.5 mm)
Exterior: DuraMax 100 mil (2.5mm)

Side frames

Powder-coated aluminum extrusion, 4 1/2" wide x 4 3/4" (114 mm x 120 mm) projection.

Drive system

2 HP motor, variable frequency drive, cushioned motor mounts, drive gear, drive spheres and a composite-edge material which is attached to the curtain.

Electrical requirements

Single-phase: 220V – 240V
Three-phase: 208V, 230V, 400V, 460V, 575V

Control box

i-COMM™ II Digital Controller, variable frequency drive.
Available Compact User Interface.

Curtain retention

Wear-resistant Lexan wind guides keep tension on the curtain the entire length of the side frame. Standard wind pressure of 25 mph (0.3 in – H 20, 50 pascals) for interior doors and 75 mph for external doors.

Includes TRUE Auto Re-feed™ system in case of accidental impacts to curtain.

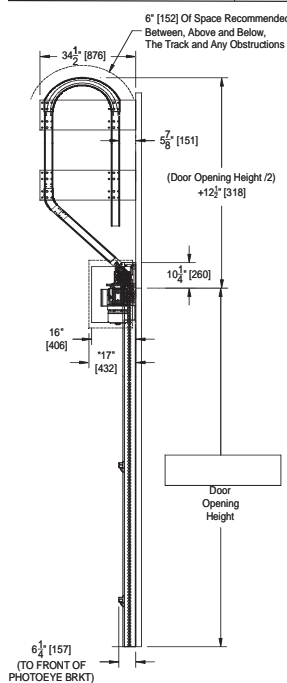
Safety features

Soft-Edge™ Technology, two thru-beam photo eyes mounted at 18" (457 mm) and 54" (1371 mm) off the floor.

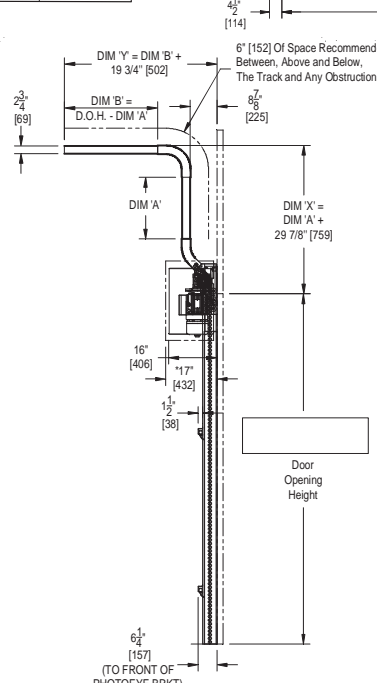
Warranty

Limited two-year parts and one-year labor on all components, including electrical.
Limited five-year for motor, brake and gearbox. Rite-Hite Doors also offers an exclusive 1-year money-back guarantee of customer satisfaction.

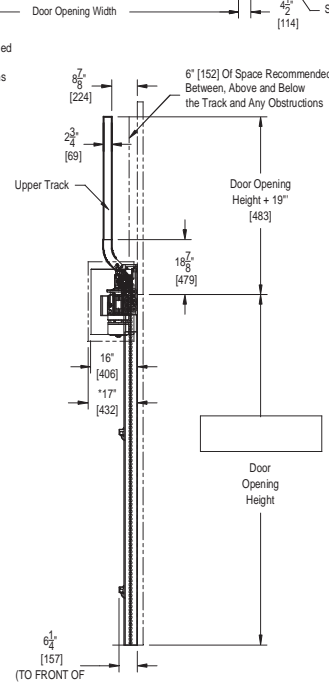
| DOOR OPENING HEIGHT | | DIM "A" | DIM "B" |
|---------------------|--------------|--------------|--------------|
| 8'0" [2439] DOH | 10'0" [3048] | 28.50" [724] | 24.5" [622] |
| 10'0" [3048] > DOH | 16'0" [4876] | 32.75" [835] | 27.63" [701] |



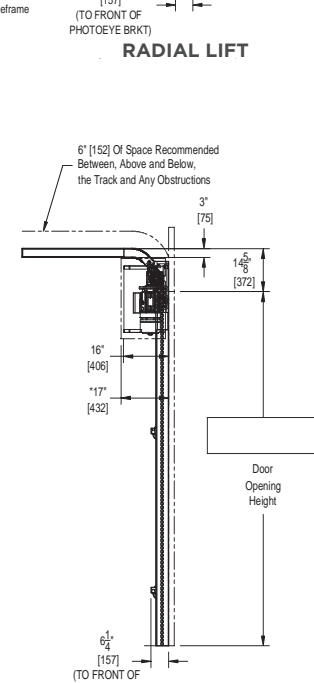
WRAPBACK LIFT



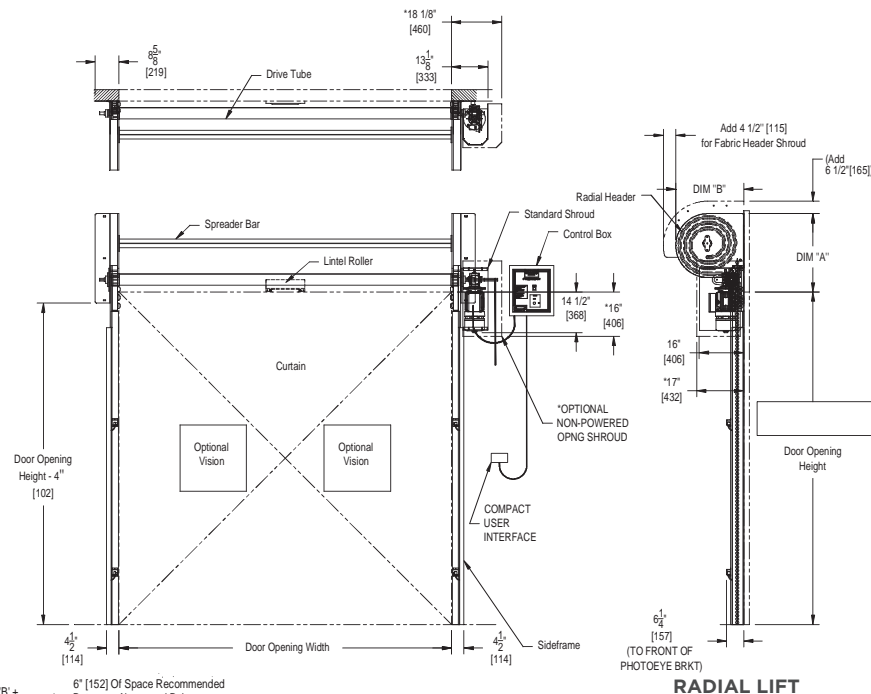
HIGH LIFT



VERTICAL LIFT



STANDARD LIFT



RADIAL LIFT



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www.ritehite.com

SplitSecond™ Series High Performance Doors

Split-center design.

Split-second performance.

Rite-Hite's SplitSecond high performance industrial door boosts efficiency, productivity and safety in a simple, reliable, compact design.

Split-center design

Bi-parting door features spring tube design to collect the curtain in the side frames.

Accelerated thinking

Variable frequency drive for an unmatched peak speed of up to 120"/sec (3 m/sec).

Safer work environments

Two large vision windows and immediate top to bottom visibility decreases blind spots.

Compact, customizable side frames

Fabric, powder coated steel, or stainless steel side frames to match cost and environmental requirements.

Superior auto reverse

Obstruction sensing reversing system.

Impact protection

Flex design curtain reduces downtime and damage from accidental impacts.

Replaceable seals

Replaceable bottom seals for easy maintenance.



Bi-rolling design



Small footprint



SplitSecond Clean



Specifications

Speed

- » Peak speed up to 120"/sec (3 m/sec) with standard variable frequency drive. Top speed is dependent on door size.
- » Closing speed 40"/sec (1 m/sec)

Size

- » **Minimum** - 5'0" w x 7'0" h (1524 mm x 2134 mm)
- » **Maximum** - 12'0" w x 12'0" h (3658 mm x 3658 mm)
- » **SplitSecond Clean Maximum** - 10'6" x 11'6" (3200 mm x 3505 mm)

Curtain Material

- » 40 oz. PVC in blue or white
- » Optional replaceable bottom seals
- » Large clear vision

Side frames and header cover options

- » Fabric
- » Powder coated steel
- » Stainless steel (FDA & USDA compliant materials)

Electrical Requirements

- » **Single-phase:** 220V-240V
- » **Three-Phase:** 208V, 230V, 400V, 460V, 575V

Control Box

- » i-COMM™ II Digital Controller, variable frequency drive. Available Compact User Interface.
- » Standard fiberglass NEMA 4X, optional stainless steel NEMA 4X

Safety Features

Three thru-beam photo eyes mounted at 18" (457 mm), 36" (914 mm) and 54" (1372 mm) from the floor and obstruction sensing reversing system. Bi-part design provides enhanced visibility.

Non Powered Opening Option – Allows the door to be opened in the event of an emergency or power outage.

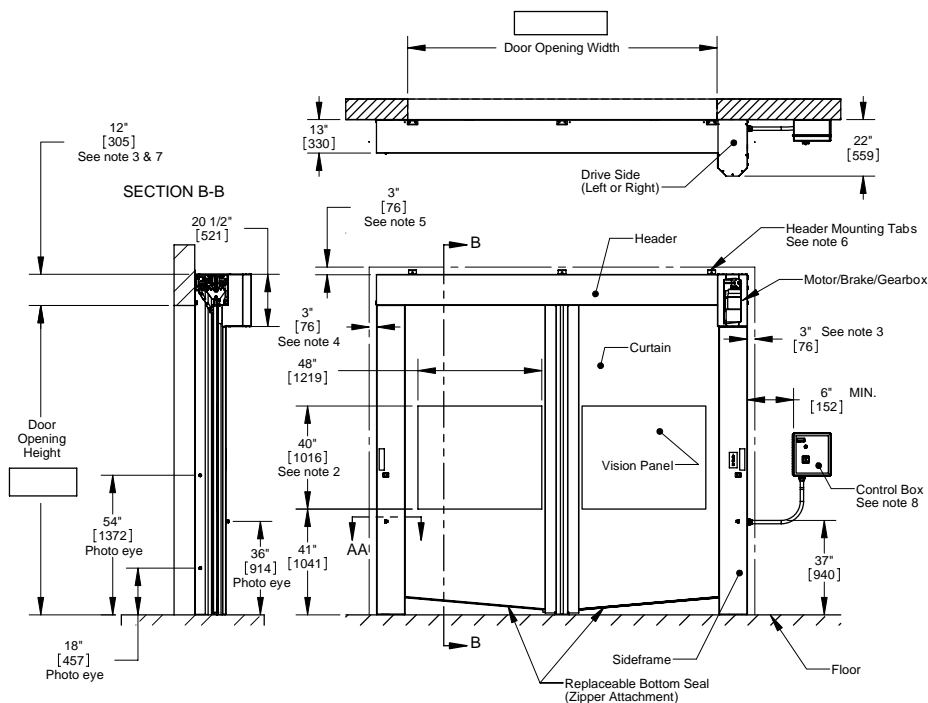
Warranty

Limited one-year parts and labor on all components, including electrical. Rite-Hite Doors also offers an exclusive one-year money-back guarantee of customer satisfaction.

SPLITSECOND™

Notes:

1. Alternate dimensions in brackets are in millimeters.
2. Vision height is 32" [813] for doors less than 8'0" [2438].
3. Motor shroud requires min. 3" [76] of side clearance for access.
4. Recommended sideframe installation clearance is 3" [76].
5. Header shroud requires min. 3" [76] of top clearance for installation.
6. Mounting tabs require 3" [76] of clearance above shroud. For sloped shroud option, tabs are located under shroud. Tabs can be relocated if required.
7. Optional sloped shroud increases finished header clearance to 15" [381] above door opening height, +3" [76] additional required for installation.
8. Fiberglass Control Box (std.) 14" [356] x 16" [406] x 8" [203], Stainless Control Box (opt.) 16" [406] x 19" [482] x 8" [203]



D19SSECS0415H1

8900 North Arbon Drive
Milwaukee, WI 53223, USA

P 414-355-2600 (800-456-0600)

F 414-355-9248

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www.RiteHite.com

FasTrax[®] XL

High Performance Door

Rite-Hite's FasTrax XL is the most ideal high speed door for large door openings and harsh environments.

Simple, reliable FasTrax design

Single operational platform, unique drive system, TRUE Auto Re-feed™ and Soft-Edge™ Technology

TRUE Auto Re-feed

After an accidental impact, the FasTrax XL re-feeds itself on the fly without human intervention, keeping your door closed and downtime to a minimum

Maximum uptime, minimum maintenance

Fewer moving parts mean fewer, less costly repairs and reliable, trouble-free performance

High operating speeds

Depending on door size, operating speeds up to 52" (1.3 m) per second allows fast cycle times that maximize productivity and energy savings

Industry's safest door

Thanks to Soft-Edge™ technology, two thru-beam photo eyes, optional vision and available motion sensors



Drive system



Remote mount controller interface



Optional wind bar





Industry challenges, proven solutions

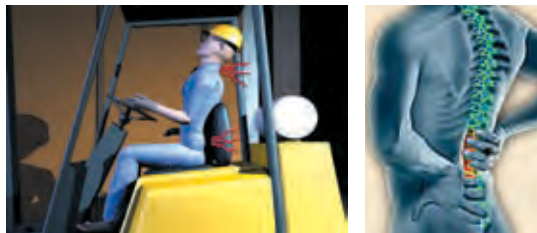
A full line of protection. Smooth transition loading
dock levelers for every application.

You can't see it but it's there.

The jarring impact of **Whole Body Vibration** opens the door to chronic injury and lost productivity.



Traditional leveler contributing to Dock Shock



When the vibration is caused by a lift truck crossing over bumps and gaps that exist on traditional dock levelers it's known as **Dock Shock**.

Forklift operators cross the threshold from facility floor to trailer bed more than 100,000 times each year. This increases the risk for:

Worker injury

- » WBV in a seated position increases the prevalence of reported low back pain.¹
- » Lower back pain is the largest cause of job related disability, at nearly 20 percent of all workplace injuries and illnesses.²
- » Approximately 20 percent of acute low back pain sufferers develop chronic low back pain at one year.³
- » First-time back injuries can cost a company up to \$10,000, with chronic injuries reaching \$300,000.⁴
- » An aging workforce represents serious bottom-line expense and profitability challenges
 - One-third of the U.S. workforce is 50 or older.⁵
 - Disability rates are upwards of 20 percent for workers aged 45 to 54 and approximately 42 percent for workers 65+.⁵

Decreased productivity

- » As medical conditions develop and worsen from exposure to WBV, absenteeism increases and productivity suffers.
- » \$2.8 billion is lost to absenteeism each year in the manufacturing and production world alone.⁶

Product and equipment damage

Products and equipment traveling across the material transfer zone are vulnerable to the effects of dock shock

¹ osha.gov, "Ergonomics E-Tool: Solutions for Electrical Contractors"

² ninds.nih.gov, "Low Back Pain Fact Sheet" 2014

³ ninds.nih.gov, "Low Back Pain Fact Sheet" 2015

⁴ osu.edu, "Landmark study uncovers reasons behind recurring back injury" 2001

⁵ dol.gov, "Employer Strategies for Responding to an Aging Workforce" 2012

⁶ forbes.com, "The Causes and Costs of Absenteeism In The Workplace" 2014

Protect your people with an educated long-term investment.



Our extensive engineering process has made innovations like the **Smooth Transition** dock leveler possible.

These innovative measures provide a smooth path between the facility floor and trailer bed, reducing dock shock by up to 50 percent when compared with ordinary competitor levelers.

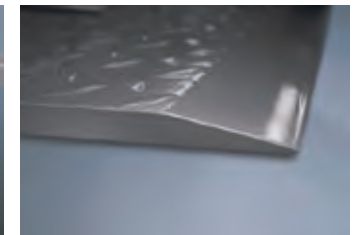
A Rite-Hite® Smooth Transition Dock Leveler can help reduce employee injuries, product spills and damage, and maintenance costs – all of which lead to an increase in productivity.



Constant radius rear hinge



Two-point crown control



Optimized lip chamfer

RHV part of the Smooth Transition Dock System®

The loading dock, an accident waiting to happen.



Vacant drop-off

A false sense of security.

The average drop from a loading dock floor into the drive approach is 4 feet (1.2 m). At this height OSHA regulation dictates that companies install adequate protection against falls.

When a 10,000 lb (4535 kg) forklift traveling at 4 mph meets the edge of a loading dock, what's going to win? Safety barriers perceived as adequate protection may leave your employees exposed to potentially fatal injury.



Leveler maintenance

Don't leave them hanging.

When raised for maintenance or pit clean out a dock leveler, weighing in excess of 2,000 lbs (907 kg), is suspended in mid-air. It's vulnerable to forklift traffic and power to the equipment may be intact. All support struts are not created equal, and when proper precautions aren't taken the crushing outcome can be fatal.

Rite-Hite levelers are tested to the highest physical safety standard in the industry.



Safe-T-Lip with slotted lip design

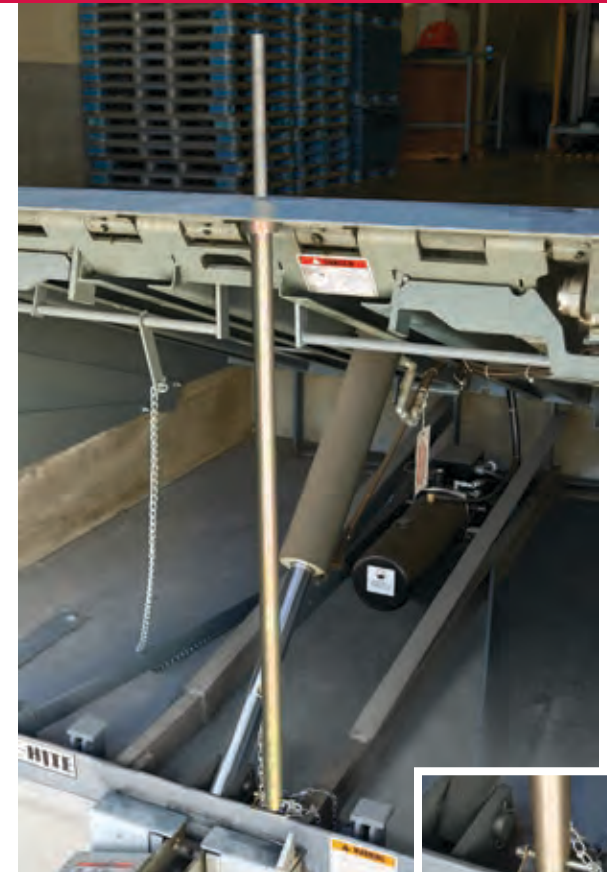
Our Safe-T-Lip® and Safe-T-Strut™ are expertly engineered for personnel protection and efficiency.

Safe-T-Lip

- » Features an 5-7" (127-177 mm) barrier proven to stop a 10,000 lb (4535 kg) load moving at 4 mph (6 km/h).
- » Designed with a slotted lip for unobstructed full end-load access, critical for use with air-ride suspension trailers.

Safe-T-Strut

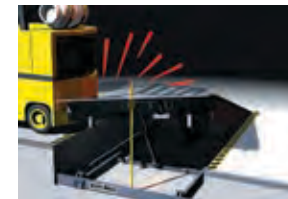
- » Unique through-the-lip design supports the entire structure and keeps strut in place.
- » Engineered to withstand a 10,000 lb forklift moving at 4 mph driving up half the length, or colliding with the sides of a raised leveler.
- » Includes lockout/tagout capability for added safety – can be easily padlocked to prevent removal.



Safe-T-Strut™ with through-the-lip extension



Lockout feature



Forklift impact



Forklift traffic



Hydraulic Leveler

A premium pit-style leveler.

PAGE
8



Heavy-Duty Hydraulic Leveler

For use with heavy loads.

PAGE
9



Jumbo™ Leveler

Full width access for increased productivity.

PAGE
10



Air Powered Leveler

A cost-effective alternative to hydraulic.

PAGE
11



Vertical Storing Leveler

For maximum supply chain integrity.

PAGE
13



Mechanical Leveler

Rugged reliability.

PAGE
14

Standard safety features. The Rite-Hite® advantage.

Innovative Technology. Consistent Quality. Continued Evolution.

Continuing a long history of safety, innovation, durability, reliability, and low lifetime ownership costs, Rite-Hite uses rigorous in-house testing, gathers customer feedback, and examines the latest trends in the trucking, logistics, and material handling industry.

Exclusive Safe-T-Lip®

- » Protects against vacant dock drop-off accidents
- » Slotted lip design allows for unobstructed end loading

** Not available on the RH mechanical or vertical levelers*

Smooth transition

- » Constant-radius rear hinge
- » Two-point crown
- » Optimized lip chamfer

Exclusive Safe-T-Strut™

- » Protects personnel during inspection and pit clean out
- » Lockout/tagout capability and a unique through-the-lip design keep the strut in place

Unique structural engineering

- » For use of 3 and 4 wheel forklifts
- » Beam support is designed to flex up to 4" (101 mm) under its own weight to maintain a smooth transition for forklifts on out of balance trailers

DLIG Warranty

Up to 20 year money back warranty based on the Dock Leveler Investment Guide

ANSI MH30.1

Tested & certified – exclusive industry standing

Educated investment

Requires minimal maintenance and low lifetime ownership costs



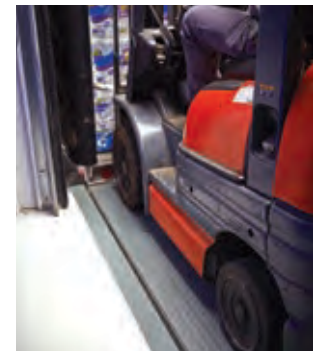
Smooth transition



Safe-T-Lip



L-beam support and Safe-T-Strut



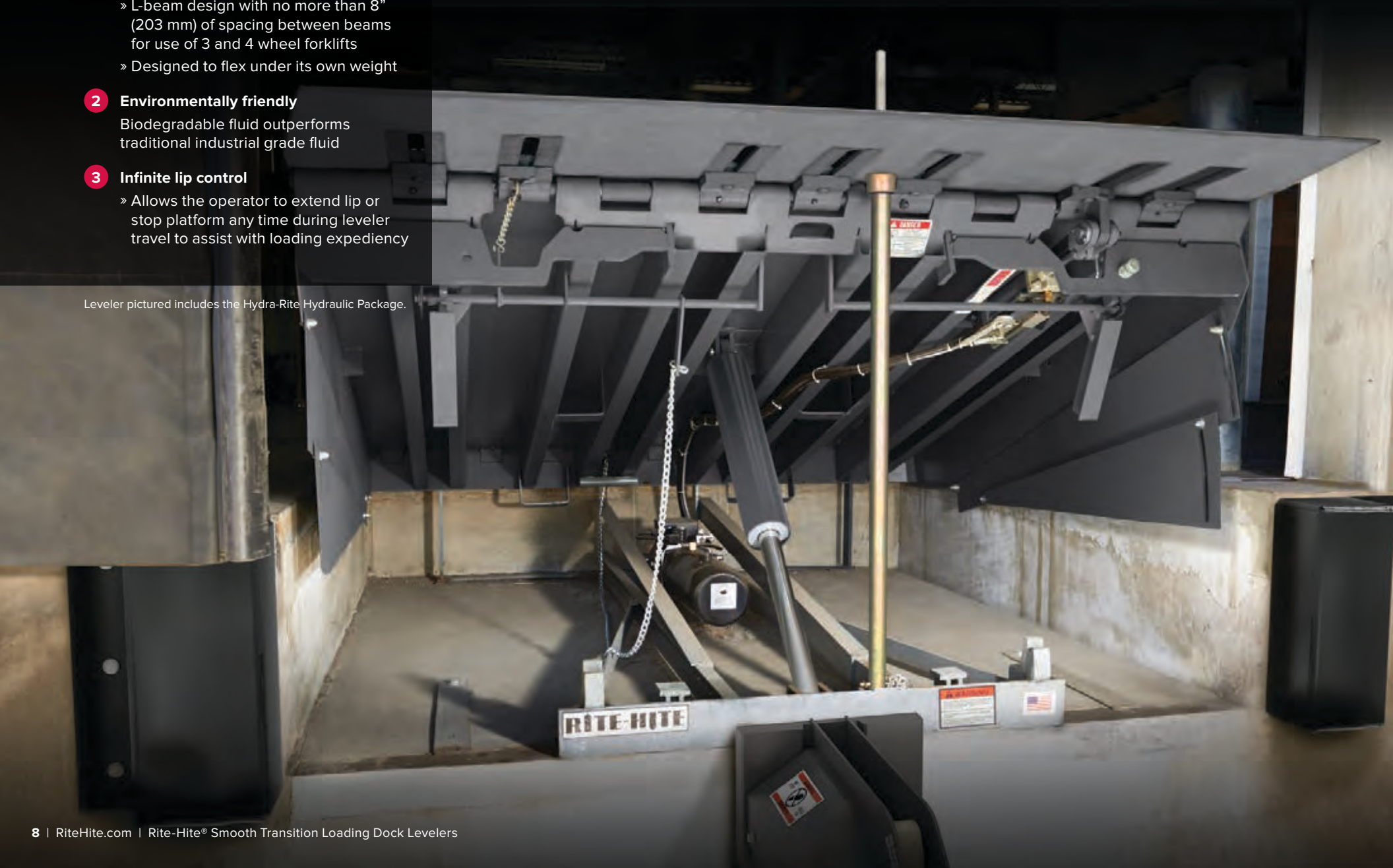
Unobstructed full end-load access

Best in class

Rite-Hite hydraulic dock levelers offer safety and reliability with the smoothest transition in the industry.

- 1 Unique structural engineering**
 - » L-beam design with no more than 8" (203 mm) of spacing between beams for use of 3 and 4 wheel forklifts
 - » Designed to flex under its own weight
- 2 Environmentally friendly**
 - » Biodegradable fluid outperforms traditional industrial grade fluid
- 3 Infinite lip control**
 - » Allows the operator to extend lip or stop platform any time during leveler travel to assist with loading expediency

Leveler pictured includes the Hydra-Rite Hydraulic Package.



Heavy loads

RHH high capacity hydraulic dock leveler delivers maximum safety and performance for the most demanding industries.

- 1 Designed for heavy loads**
 - » I-beam design provides ultimate structural integrity
 - » Substantial lip, hinge spool, and front header
 - » Designed to flex under its own weight
- 2 Advanced hydraulic system**
 - » Hydra-rite hydraulic package
 - » Biodegradable fluid outperforms traditional industrial grade fluid
 - » Infinite lip control allows the operator to extend lip or stop platform any time during leveler travel to assist with loading expediency



I-Beam



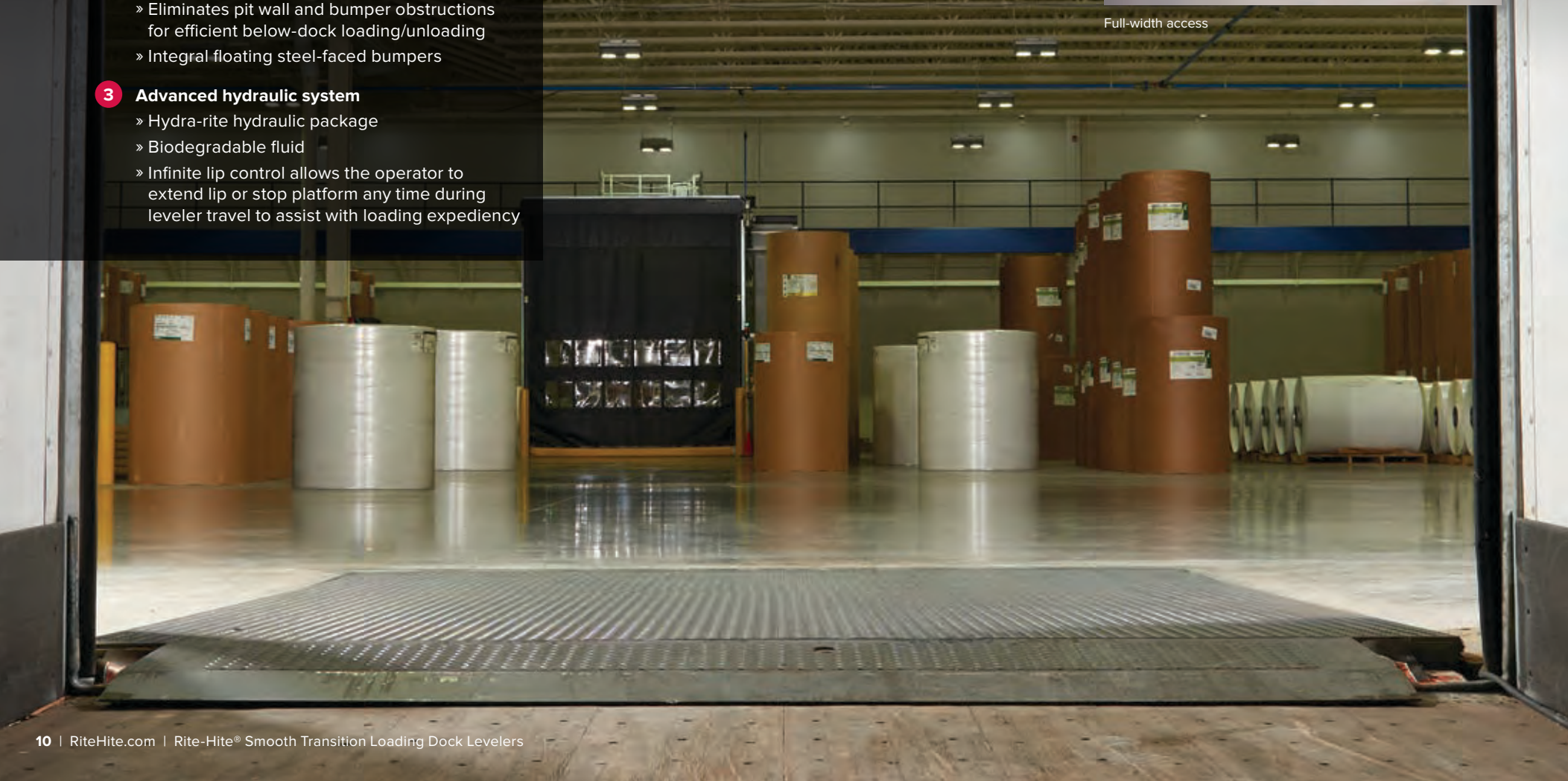
A wide approach

RHJ Jumbo™ dock leveler provides full-width trailer access at 102" for increased productivity.

- 1 4-Sided structural engineering**
 - » I-beam design provides ultimate structural integrity for the most demanding applications.
 - » Substantial lip, hinge spool, and front header
 - » Designed to flex under its own weight
- 2 Full-width access**
 - » Unique wide-platform deck design – 102" (2.6 m)
 - » Eliminates pit wall and bumper obstructions for efficient below-dock loading/unloading
 - » Integral floating steel-faced bumpers
- 3 Advanced hydraulic system**
 - » Hydra-rite hydraulic package
 - » Biodegradable fluid
 - » Infinite lip control allows the operator to extend lip or stop platform any time during leveler travel to assist with loading expediency



Full-width access

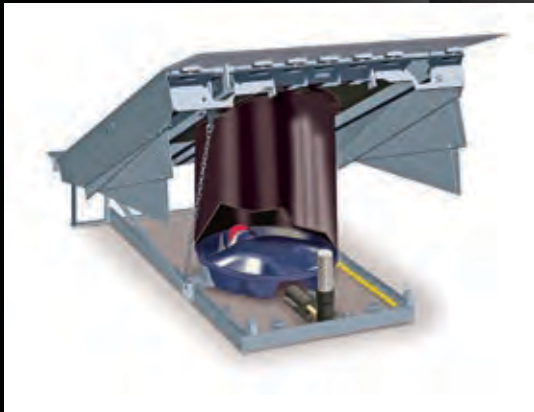


Cost effective

RHA air-powered dock leveler provides a cost effective push button operation system with diverse features.

- 1 Unique structural engineering**
 - » L-beam design with no more than 8" (203 mm) of spacing between beams for use of 3 and 4 wheel forklifts
 - » Designed to flex under its own weight
- 2 Low-pressure lifting system**
 - » Single push button activation
 - » 30 oz (0.85 kg) abrasion resistant nylon air tower
 - » Enclosed direct connect blower motor stands up to the harsh loading dock environment
- 3 Exclusive mechanical lip extension**
 - » Activated and locked into place at the right time to make sure it rests in the trailer bed properly (not gravity down)
 - » Lip is automatically extended upon full activation of the air tower
- 4 Stump out solution**

Provides free fall protection and free-float when loading/unloading



Air tower protects blower motor from dirt and debris



Defend and Secure Your Supply Chain



Doors opened inside facility

Does your dock design support your safety and security goals?

Inspection and compliance. How does your dock design measure up?

Supply chain traceability is one of the most complex areas of food safety and, undoubtedly, will be where the greatest amount of change will continue to occur in the future.¹

In order to be proactive on this front, there are a variety of organizations that should be closely monitored:

- » Food Safety Modernization Act
- » American Institute of Baking
- » Food & Drug Administration
- » Hazard Analysis Critical Control Points
- » Customs-Trade Partnership Against Terrorism
- » Silliker Group Corporation
- » Safe Quality Food
- » British Retail Consortium

¹Brian Boyle, Special to Food Processing



Environmental security

Does your dock design support your safety and security goals?

When safety seals are broken outside of the building, and trailer doors are opened in the drive approach, environmental factors and the increased risk of unauthorized access leave goods susceptible to accidental and intentional contamination as well as pilferage.

Additionally, gaps and whitespace in a loading dock design can lead to potentially catastrophic safety hazards, product damage, contamination, quality inspection concerns, and diminished employee comfort.

Addressing these challenges helps eliminate product spoilage, theft, and costly recalls – greatly increasing safety and security in the supply chain.

Supply chain integrity

RHV vertical storing dock leveler provides maximum environmental control and minimizes points of entry.

1 Unique structural engineering

- » L-beam design with no more than 8" (203 mm) of spacing between beams for use of 3 and 4 wheel forklifts
- » Designed to flex under its own weight

2 Advanced Safety

- » Constant contact push buttons allow operator to extend lip or stop platform and lip any time during leveler travel – keeping the operator in control at all times
- » Tilt-back control ensures the leveler is stored over center
- » Safe-T-Pit™ (patent pending) provides an additional layer of protection with an automatic safety stop that is activated when personnel movement is detected in the leveler pit during operation

3 Cleanliness and environmental control

- » Clean pit design with off floor mounting to eliminate harbor points for debris
- » Complete four-sided seal present during loading/unloading operation
- » Overhead door closes all the way to the pit floor, minimizing points of entry for dust, insects, and rodents

4 Environmentally friendly

- » Biodegradable fluid outperforms traditional industrial grade fluid

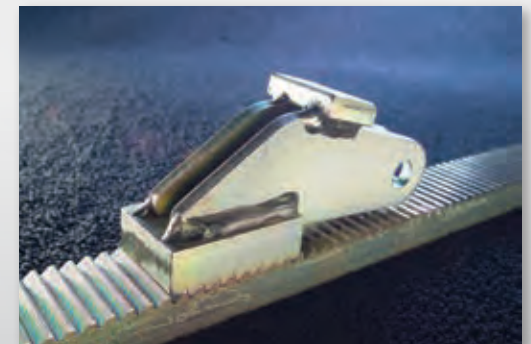


Rugged reliability

RHM mechanical dock leveler provides economical and reliable solutions.



- 1 Unique structural engineering**
 - » L-beam design with no more than 8" (203 mm) of spacing between beams for use of 3 and 4 wheel forklifts
 - » Designed to flex under its own weight
- 2 Dependable operation**
 - » Simple operation with smooth, consistent walk-down
 - » 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
 - » Hydracheck® provides a safe, positive lip extension
- 3 Dual safety stops**
 - » Stop the leveler platform should the lip become unsupported



Nine tooth pawl

Maximize safety

Dok-Commander™ control system

Maximize safety and effectiveness by interlocking multiple pieces of dock equipment to attain a customized sequence of operations.



Rite-Hite Dok-Commander offers simple access to controls for each dock component.

Designed and tested to deliver reliable performance under the harshest conditions: electrical noise, electrical and environmental requirements, and chemicals. The flexible circuitry meets your changing needs: easily update components or add features with ease in the field.

The Rite-Hite® advantage for all controls

- » Modern user interface with updated membrane switch buttons
- » Interlock capable for a complete dock safety system
- » Security System Interface with anti-theft technology
- » NEMA 4X rated – an added level of protection for personnel and equipment. Protect the components that help protect your people in the harsh loading dock environment.

Integrated controls

Integrate the controls at your loading dock. This minimizes electrical installation costs and reduces the wall space required by multiple control boxes.



Multiple controls at each dock position can be complicated and potentially dangerous.

Rite-Hite Dok-Commander

Interlock the sequence of operations to optimize dock safety and productivity

- » **Supply Chain Integrity Sequence** – allows controls to interface, keeping the supply chain safe.
- » **Best Practice Sequence** – secures trailers and protects employees.
- » **Door Protection Sequence** – protects overhead doors and employees.

Security system interface

Dok-Lok® vehicle restraints can physically enhance security at a facility when linked with an active building security system. If an engaged restraint is tampered with, the building security system is notified and facility protocol is followed.

A higher level of safety

The industry's most reliable and effective communication systems created with dock personnel and truck drivers in mind.

A total dock safety system

Rite-Hite® is continually developing innovative solutions to improve loading dock safety and productivity.

1 Controls

Designed to withstand harsh loading dock conditions. Integrate additional equipment, or upgrade system components with ease.

2 Rite-Vu™ Visual Communication System

Together, Corner-Vu and Leveler-Vu provide full-time visual communication at your dock. Keeps personnel safe and increases productivity.

3 Vehicle restraints

The most effective means of preventing problems caused by trailer separation accidents and vertical and horizontal trailer movement.

4 Safe-T-Lip® levelers

Integrated steel barrier helps prevent forklift drop-off accidents at vacant dock positions.

5 Dok-Guardian™

Heavy duty safety barrier fits across openings up to 16" (4.87 m) wide. Designed to stop 10,000 lbs (4535 kgs) at 4 mph (6 km/h).

6 Rite-Hite® dock seals and shelters

Various top designs effectively maintain environmental control and protect products, equipment and personnel from weather-related hazards.



We provide the most comprehensive warranty in the industry.

It's more than peace of mind; it's a commitment from Rite-Hite to maintain a high degree of quality, dependability, and reliability.



Dock Leveler Investment Guide

Our warranty assures that the solutions we offer are free from defects in materials and factory workmanship for up to 10 years. Receive a non-prorated warranty based on your:

- » Specific application
- » Forklift gross load
- » Amount of truck traffic

Representative support



Choosing a leveler is a long-term investment

You're not just choosing an important product – you're also choosing a company. Make sure you select a manufacturer and local dealer who stand behind the equipment and provide complete service and support.

Consult with your Rite-Hite Representative to evaluate your current equipment and determine how partnering with Rite-Hite can benefit your facility.



Improving industrial **safety**, **security**, and **productivity** worldwide through quality and innovation.

- ▶ VEHICLE RESTRAINTS
- ▶ LOADING DOCK LEVELERS
- ▶ DOCK SEALS AND SHELTERS
- ▶ INDUSTRIAL DOORS
- ▶ HVLS FANS
- ▶ BARRIER SAFETY SYSTEMS
- ▶ MACHINE GUARDING SYSTEMS
- ▶ INDUSTRIAL CURTAIN WALLS



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