

# LOADING DOCK

## SAFETY AND MANAGEMENT SOLUTIONS



### IMPROVE YOUR LOADING DOCK EFFICIENCY AND PRODUCTIVITY

Improve the efficiency and productivity of your loading dock and industrial door equipment with Aftermarket products from Rite-Hite. Our Aftermarket products will reduce downtime, potential injury and top service issues, and will increase security and safety. Downtime will decrease the plant efficiency and will cause bottle-necks, headaches, etc. Injuries for your plant personnel are a risk with inadequate loading dock and industrial door design. Repairs and associated costs repeat themselves without long-term solutions. To improve security and safety you require simple and reliable solutions. Rite-Hite has an extensive line of products to address these loading dock needs:

- ▶ Guiding trailers to the loading dock
- ▶ Restricting trailer movement
- ▶ Improving trailer interior conditions
- ▶ Protecting your building and equipment
- ▶ Enhancing loading dock communication

**RITE·HITE®**

# LOADING DOCK

## TRAILER MOVEMENT SOLUTIONS

### Trailer Stand



### Prevent Landing Gear Collapse

Seldom used or rusted landing gears may collapse under extreme weight conditions.



An unsupported spotted trailer can collapse with fork-lift truck and driver inside, creating a hazardous situation.

### Fits Almost All Types Of Trailers

This Trailer Stand is designed to help prevent landing gear collapse by providing secure support when placed under the nose of a trailer. With an overall retracted length of 1065 mm, an overall extended length of 1400 mm and a static load capacity of 450 kN, this unit fits most types of trailers that may come into your loading docks.

### Avoid Injuries, Downtime And Loss Of Product

- ▶ An inexpensive method to prevent spotted trailer tip over
- ▶ Prevents injuries due to trailer landing gear collapse
- ▶ Handle most trailers with our 450 kN capacity fixed Trailer Stand
- ▶ Maintenance free design
- ▶ Safe, productive and easy to use

### Wheel Chocks



#### Aluminum

- ▶ Durable aluminum alloy casting
- ▶ One-piece construction for strength
- ▶ Reversible chock design assures dependable grip on virtually any surface
- ▶ 3000 mm, 6000 mm and 9000 mm chain lengths
- ▶ Optional caution sign

#### Laminated

- ▶ 6 mm rubber laminates held together with 19 mm x 230 mm steel rods
- ▶ 6 mm steel end plates
- ▶ Optional 4.8 mm bright zinc finish chain
- ▶ 3000 mm, 6000 mm and 9000 mm chain lengths
- ▶ Optional caution sign

#### Steel

- ▶ Yellow/black safety warning stripes
- ▶ Painted or zinc-plated unit
- ▶ Optional with paddle switch for communicating with a light system
- ▶ 3000 mm, 6000 mm and 9000 mm chain lengths
- ▶ Optional caution sign

# LOADING DOCK

## BUILDING PROTECTION SOLUTIONS

### Loading Dock Bumpers

Help protect your €20,000 investment and other building assets.

#### DokSaver®

- ▶ Exclusive floating steel cap design
- ▶ Eliminates vulnerable steel rods of other style dock bumpers
- ▶ 10-year warranty



#### Steel Faced

- ▶ Superior protection
- ▶ 9.5 mm steel face
- ▶ 5-year warranty



#### Molded

- ▶ Manufactured from reinforced rubber
- ▶ Many sizes and shapes for almost any application
- ▶ Smooth rubber finish stands up to all weather conditions



#### Laminated

- ▶ Good protection
- ▶ 9.5 mm steel angle or plates
- ▶ 2-year warranty



### Reflecto-Guide™ Safety Strips

Reflecto-Guide Safety Strips are a clear marking system for loading docks and other hazardous areas.

Using a maintenance-free optical fabric, Reflecto-Guide provides a high level of visibility in all weather conditions.

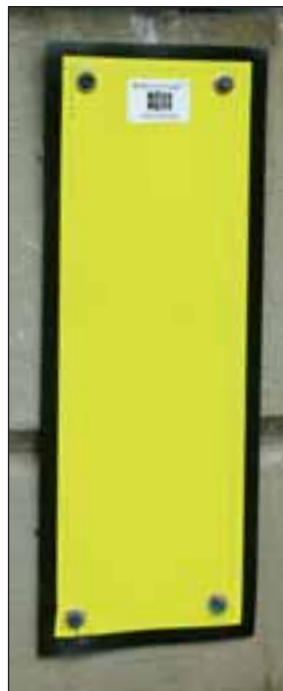
Reflecto-Guide Safety Strips quickly mark and define your loading dock area.

#### Sizes

- ▶ 455 mm x 150 mm
- ▶ 610 mm x 150 mm
- ▶ 915 mm x 150 mm

#### Construction

- ▶ Advanced microprism reflective system, protected by a smooth outer skin, sealed to a flexible backing
- ▶ UV Protected
- ▶ Equally reflective in wet or dry conditions



### Wheel Guide Alignment System

#### Aligns Trailers

Within centimeters to assist full-width loading and unloading through dock doors and across dock levellers.

#### Provides Better Protection

For dock seals and shelters from backing trailers.

#### Allows Better Sealing

Around truck opening.

#### Minimizes Damage

To bumpers, dock levellers, dock shelters and building by precisely positioning trailer at opening.

#### Application

- ▶ Surface-mounted
- ▶ Positioned 2700 mm from loading dock
- ▶ Requires concrete apron
- ▶ Can be utilized either as truck centering or truck funneling guides



#### Specifications

Length:	Standard 2000 mm, 2500 mm and 3000 mm
Material:	Tube 160 mm
Finish:	Painted or zinc-plated
Model:	Casted into concrete or with bolt down foot plate
Height:	230 mm

# LOADING DOCK

## DOCK COMMUNICATION SOLUTIONS

### Light Communication System

Establish a clear line of communication between truck drivers and dock personnel.



Inside Control Box



Outside Light Box

- ▶ Control box set up to meet your specific requirements and/or procedures
- ▶ Clearly visible green and red lights inside and outside
- ▶ Several types of outside traffic lights are available
- ▶ One inside and two outside caution signs in local language
- ▶ Available 24V automotive bulbs or LED bulbs
- ▶ Several interconnect and interlock options are available
- ▶ Manual (push button, key switch, etc.) or automatic (photo cells, sensors, etc.) activation



### Interlock and Interconnect Options

Control operational sequence of dock equipment.

- ▶ **Green Light Interlock**—This disables use of the hydraulic dock leveller or sectional door controls until the vehicle restraint has achieved a safe engagement
- ▶ **Stored Dock Leveller Interlock**—Ensures the dock leveller is stored safely before the vehicle restraint is able to release the trailer
- ▶ **Sectional Door Interlock**—Requires the sectional door to be opened prior to dock leveller operation
- ▶ **Hydraulic Dock Leveller Interconnect**—The vehicle restraint automatically engages upon activation of the dock leveller



# LOADING DOCK

## TRAILER ENVIRONMENT SOLUTIONS

### CoolMan™ Trailer Fan

**Helps Increase Employee Comfort and Productivity.**

Designed for manual parcel loading and unloading. CoolMan Trailer Fan swivels on unique bracketing to service two loading dock openings. Easily moves out of opening for full access fork-lift truck traffic. Pivots for directional air flow. Conditions trailer environment to warmer or cooler facility temperature.

### Specifications

- ▶ 0,37 kW, 3 speed motor
- ▶ Low speed 45,3 m<sup>3</sup>/min, middle speed 56,6 m<sup>3</sup>/min, high speed 70,8 m<sup>3</sup>/min
- ▶ Heavy-duty polyethylene housing
- ▶ 7600 mm power cord
- ▶ Heavy-duty positioning arm with swiveling and pivoting bracketing



- ▶ Optional dock light for trailer lighting

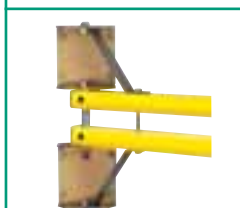
### Cool-Head™ Dock Lights

The failing of conventional dock lights are a hot topic. Many workers have been burned when touching a hot lamp head or injured when colliding with a broken, sagging light. Maintain your composure with Cool-Head dock lights.

### Options:



Incandescent bulb, 150 W.  
Energy saving bulb, 120 W illumination with 20 W energy consumption!



Heavy-duty mounting bracket for superior support.



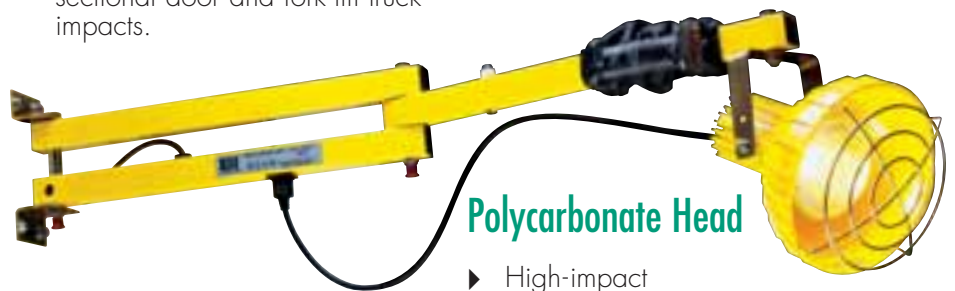
Lexan® cover for food and pharmaceutical industries.

### Flexible Spring Arm

Flexible arm springs back from sectional door and fork-lift truck impacts.

### Finish

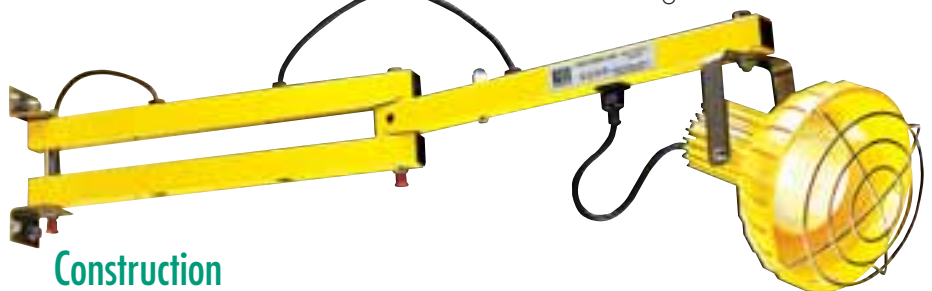
- ▶ Safety yellow powder coating
- ▶ Rust-resistant



### Polycarbonate Head

- ▶ High-impact
- ▶ Cool-to-the-touch
- ▶ 50% less weight than metal head

### Standard Cool-Head™



### Construction

- ▶ 32 mm square steel tubing
- ▶ Double-strut design for stability
- ▶ Available in 1015 mm, 1525 mm and 2285 mm arm lengths
- ▶ Same heavy-duty components without flexible arm assembly
- ▶ An economical choice

# BARRIER SYSTEMS SOLUTIONS

## Dok-Guardian™

- ▶ Helps prevent fork-lift trucks, pallet jacks, and pedestrians from falling off a loading dock
- ▶ Manually positioned barrier easily fits across openings up to 4880 mm wide
- ▶ Simple, easy-to-use safety solution for almost any loading dock
- ▶ Barrier heightens dock drop-off awareness
- ▶ Warden™ guards provide excellent door track protection



## GuardRite® Sure-Stop

- ▶ 455 mm, 610 mm, 915 mm, 1220 mm or 1525 mm lengths
- ▶ Easy to install
- ▶ 19 mm x 135 mm concrete anchors provided
- ▶ 205 mm high, 4.8 mm thick steel withstands the impact of a 4500 kg (45 kN) fork-lift trucks traveling at 4.8 to 6.5 kilometers per hour
- ▶ 9.5 mm steel gussets support the steel plate and provide durability and strength
- ▶ Safety-yellow powder-coated paint provides high visibility



## GuardRite® Strap

- ▶ Easy to install
- ▶ Spans up to 18300 mm
- ▶ Double posts and straps stop a 4500 kg (45kN) fork-lift trucks at 6.5 kilometer per hour
- ▶ Steel posts provide solid support
- ▶ 152 mm high yellow restraining straps provide excellent visibility
- ▶ Absorbs impacts without strap damage
- ▶ Straps can be retensioned and removed for unobstructed access



## GuardRite® Light-Duty

- ▶ Cost effective way to separate areas
- ▶ Steel columns provide solid support
- ▶ Sturdy PVC rails with yellow and black safety striping provide excellent visibility
- ▶ Absorbs incidental impacts and returns to original shape
- ▶ Withstands 90 kg (0.9 kN) of force from any direction
- ▶ GuardRite Heavy-Duty steel protection system also available



## Safe-T-Gate® Light-Duty

- ▶ Low cost, easy-to-operate personnel barrier withstands 90 kg (0.9 kN) of force
- ▶ Counterbalance system makes operation easy, requiring less than 12 kg (0.12 kN) of force
- ▶ Available for openings from 1525 mm up to 3050 mm wide



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