SHR Series Dok-Lok®
Vehicle Restraint

Hazard Recognition and Control at the highest level.

The original, always improving trailer restraint
Rite-Hite® created the restraint industry in 1980. More installations worldwide than any other restraint.

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. Shadow hook adds an additional layer of safety, securing trailers or intermodal container chassis with cover plates or obstructions.

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.

Rite-Vu™ hazard recognition and communication system
Interior/exterior LED light communication system, including Approach-Vu, Pedestrian-Vu, Corner-Vu and Leveler-Vu.

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.

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Shadow hook secures intermodal container chassis with rear impact guard obstructions.

Unique rotating hook delivers the highest level of protection.

Flexible and reliable
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Specifications

General description
The SHR-5000 Dok-Lok® 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.

Installation
Low-profile Dok-Lok restraint is mounted to a steel plate that is embedded in the dock face or secured by 15 anchor bolts plus 22" (559 mm) of weld to the pit curb angle. Installation does not require modification to the dock leveler.

Electrical/Controls
All operator controls are mounted in an interlock capable, NEMA 4X, gasketed control panel and enclosure assembly. Hook mechanism, electric motor and switches are totally enclosed in structural steel housing. Electrical components and wiring are UL listed or recognized. SHR-5000 Dok-Lok restraint requires a power source of 110/115 volt, single phase with a 15 Amp service circuit. Please note: Unless specifically noted on quotation, all electrical, including hook-up, is the responsibility of others.

Rite-Vu Hazard Recognition and Communication

» Approach-Vu: Detects motion in the drive approach and presents a clear visual and audible warning to pedestrians.

» Pedestrian-Vu: Detects and signals when there is activity inside of the trailer. An audible alarm sounds when an unsecured trailer is entered. Dok-Lok cannot be disengaged when activity is detected inside the trailer.

» Corner-Vu: Provides a 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.

» Outside Truck Driver Communication System:
Flashing red or green lights and signs indicate when it is safe to back in or pull out.

» Inside Dock Attendant Communication System:
Flashing red or green lights indicate when it is safe to perform loading/unloading operations.

» Audible Alarm: An inside alarm provides a positive signal and red light when a RIG has not been properly engaged.

» Audible Alarm Override: Push-button controls allow personnel to override the audible alarm, causing inside lights to flash red and green simultaneously.

Warranty
Up to five-year parts and five-year labor from date of shipment. All warranties are subject to standard limitations and liability.

Available Features
- Shadow Hook technology
- Advanced controls package (Includes Coded Override, Self-diagnostics, Security System Interface)
- Lok-Vu (Dok-Commander™ is required)
- Base controls package
- Rite-Vu™ Light Communication System
- Approach-Vu
- Corner-Vu
- Pedestrian-Vu
- Leveler-Vu
- 9” carriage
- 12” carriage

Client Info

Company Name
Casilo Construction

Date
2/9/18