

GLOBAL WHEEL-LOK®

GWL-2300 VEHICLE RESTRAINT

Versatility

Safely restrains virtually all trailer types including trailers without effective rear impact guards.

Maximize uptime

Simple, electro-mechanical design employs few moving parts for maximum reliability.

Positioned automatically

High-strength steel locking arm adjusts to different tyre sizes for tight, reliable engagement. No external power required for positioning.

Protects building and enhances seal effectiveness

Wheel guides help provide consistent, on-centre trailer positioning.

Safe, clear communication system

Protects workers, cargo and equipment.

Minimal maintenance

Easy-to-access lubrication points.



TAKE THE SIMPLE ROUTE TO SECURING ALL KINDS OF TRAILERS

Available internationally, the Global Wheel-Lok® vehicle restraint is the latest safety advancement from Rite-Hite. Designed for ultimate flexibility for use with a wide variety of trailers, including those with hydraulic lift gates, folding gates and low hanging fenders. This rugged, proven vehicle restraint offers the simplest and most effective way to help prevent early departure and trailer creep accidents at your loading docks, for trailers with or without rear impact guards (RIGs).



Restrain the widest variety of trailers, even those with hydraulic lift gates and folding gates.

RITE-HITE®

Simple operation



1 As the vehicle approaches the loading dock, it is guided into position between the wheel guides.



2 The rearmost tyre contacts the restraint's trigger device...



3 which then moves toward the loading dock using the energy of the trailer.



4 The locking arm automatically sizes the tyre and rises to its full height against the tyre.



5 When the trailer is in the parked position...



6 the dock attendant inside pushes the "lock" button on the control panel to activate the locking assembly.

Automatic tyre sizing

Made of special high-strength alloy steel, the barrier rod is spring-loaded to rise approximately 510 mm for a snug lock against any size tyre. The locking mechanism provides simple and effective resistance of over 14,500 kg (145 kN) of pullout force.



Easy, accurate positioning

Oriented to the driver's side for excellent visibility, the unit includes wheel guides mounted on both sides for accurate trailer positioning. This helps ensure that trailers consistently back in on-centre for safe engagement and a tight, efficient seal. Accurate positioning can also extend the life of the dock seal, dock shelter, dock bumpers and building wall.

GLOBAL WHEEL-LOK®

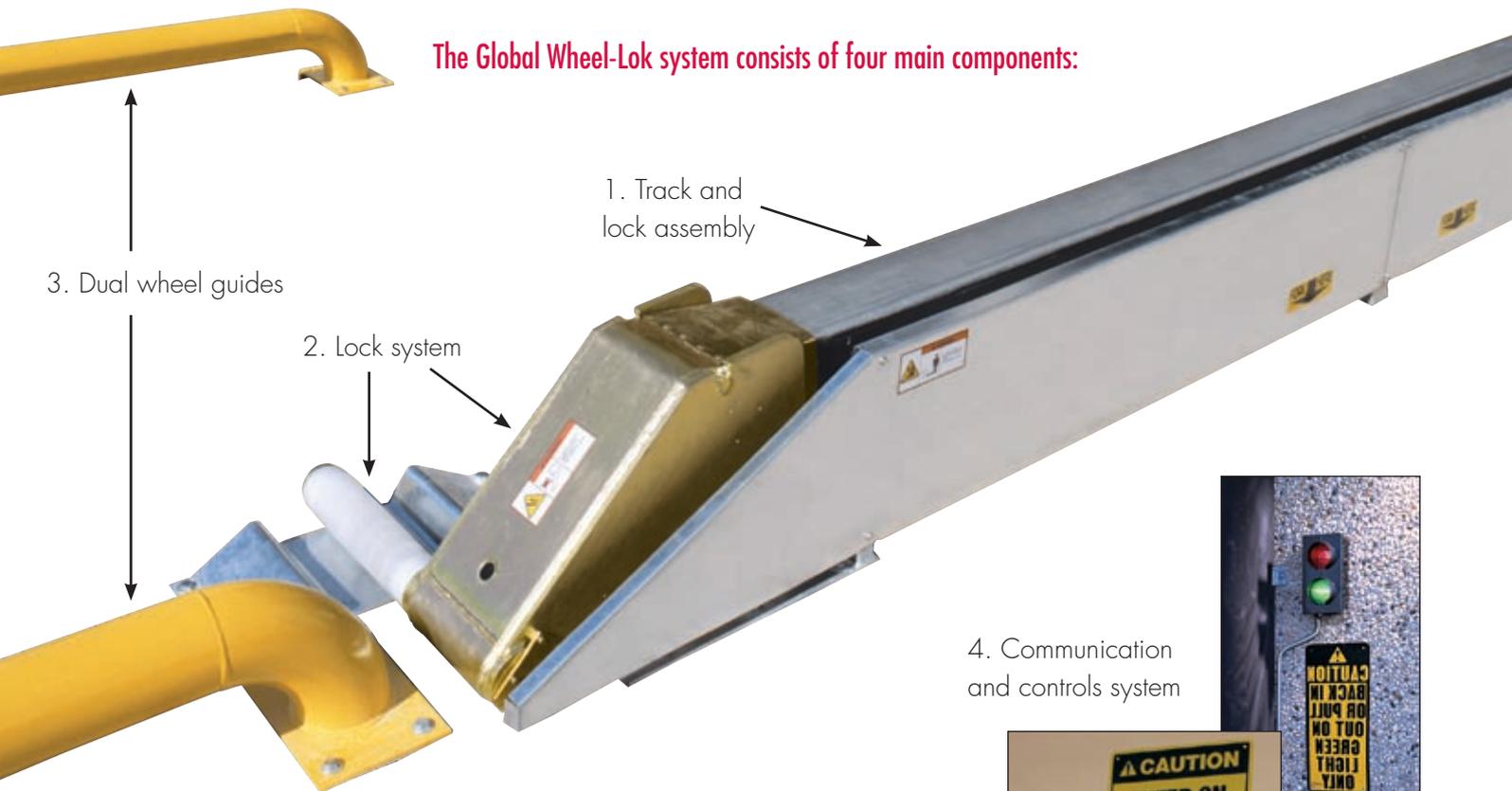
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Simple design

This rugged system provides both reliable operation and simple maintenance. Surface mounting and single-phase electrical requirements make installation easy.

Exposed surfaces are either painted or electro-plated. Electrical components are mounted high for easy maintenance and reliable use, even in the toughest weather conditions.

The Global Wheel-Lok system consists of four main components:

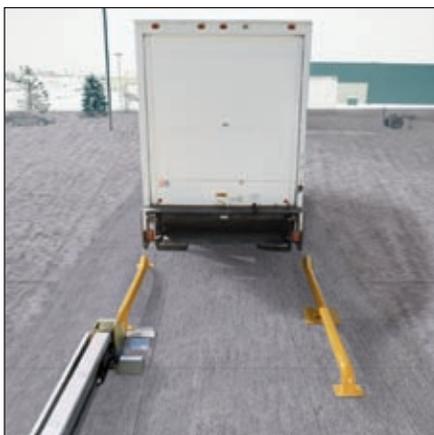


3. Dual wheel guides

1. Track and lock assembly

2. Lock system

4. Communication and controls system



Flexible controls

The operation of the system is controlled by state-of-the-art electronics, which store the vital statistics of each Global Wheel-Lok. The controls simplify maintenance and enable interconnection with other loading dock equipment. The Global Wheel-Lok vehicle restraint can be used with any type of dock leveller.



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It knows no borders

Loading docks all around the world should have the same safe working conditions. The Global Wheel-Lok vehicle restraint offers the most versatile design for companies that serve a wide variety of trailers: lift gates, folding gates, low hanging fenders, with or without rear impact guards (RIGs). It's a rugged and proven vehicle restraint system that has been used at European loading docks since 1997, and is now being offered to U.S. and other international markets.



Universal communication

Bold instructional warning signs and control panel graphics are available in several languages.



Total loading dock safety

Vacant loading docks create a dangerous 1200 mm drop-off for dock personnel and material handling equipment. Our full line of Safe-T-Lip™ dock levellers and Dok-Guardian™ safety barriers prevent drop-off accidents at your loading docks. The Global Wheel-Lok vehicle restraint prevents trailer separation accidents during the loading operation. Rite-Hite makes your loading docks safe!



CAEMA® RITE-HITE®

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