

# NOVA TECHNOLOGY™

... YOUR PARTNER IN  
**LOADING DOCK SAFETY AND EFFICIENCY SOLUTIONS**



**NOVA LOCK-UP™ VEHICLE RESTRAINTS**

# NOVA LOCK-UP™ VEHICLE RESTRAINT



Perfect for applications that demand a wall-mounted, vehicle-positioned restraint with the versatility to restrain a variety of vehicles

## FEATURES AND BENEFITS

- The Lock-Up™ restraint maintains contact with the Rear Impact Guard (RIG) and adjusts automatically with trailer float motion to ensure proper engagement at all times during the loading and unloading process
  - Exclusive vertical barrier lifting mechanism utilizes a patented over-center device that maintains engagement even in the event of a power failure
  - Roller slope extension reduces/eliminates gouging/marking on the dock approach compared to “skid” style slope extensions
  - Non-contact magnetic proximity sensors provide robust, high-durability, and long-lasting performance
  - The gear motor operates on electrical current only when engaging or disengaging the vertical barrier with the RIG, resulting in more reliable operation and ultra-low energy cost
  - PLC-based control box with integrated maintenance diagnostics; optional with CB-40/41
  - Slim profile carriage design reduces the risk of collision damage to the Lock-Up™ or truck trailers
  - CB-00 control box enables interlocking of the dock leveler, door, and gate
  - Includes a 5-year warranty
- Vertical barrier position ensures engagement with intermodal containers and trailer RIG configurations with cover plates or obstructions
  - Patented activation system ensures RIG/barrier engagement when electrical power is lost
  - Brakeless, direct drive gear motor specifically engineered for this application—no brake, clutch, sprockets, chain or adjustments required
  - Designed to accommodate the widest variety of RIG configurations
  - RIG sensor is standard and will notify dock attendant when trailer is present without opening the overhead door
  - LED lights are standard for energy efficiency and longevity
  - Meets and exceeds ANSI MH30.3 requirements, tested and certified

The patented NOVA Lock-Up™ Vehicle Restraint secures intermodal chassis, standard trailers, and most rear impact guard styles, including those with cover plates or obstructions. Its vertical barrier secures the trailer’s rear impact guard, helping prevent premature departure and trailer creep during loading and unloading. Its spring-loaded housing lowers when the truck makes contact, the carriage adjusts for trailer float, and the roller slope extension with a wheel assembly helps prevent marks or gouges on the dock approach surface.

### EXCEPTIONAL VERSATILITY

Low profile 9-inch carriage works with all standard trailers. Engagement range extends from 9 to 31-inches above the ground.

### ROBUST PERFORMANCE & DURABILITY

Exceeds ANSI MH30.3 requirements and features watertight connectors and corrosion-resistant zinc plating.

### RELIABLE

Designed to withstand a pull-away force of over 32,000-pounds to prevent dock walk, premature departure and vertical trailer movement.

### EASY TO USE

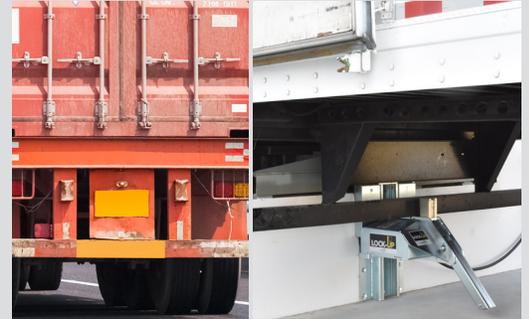
The spring-loaded carriage lowers with truck contact and the restraint is operated by a control panel mounted inside the building.

### OPTIONAL FEATURES

- IntelliDock Combination control box
- CB-40/41
- Open dock stanchion for control box
- Articulated slope extension
- Projection brackets and reinforcing plates

### COMMUNICATION SYSTEM

- **Outside Signal Lights and Control Box LED Lights:** Indicates the restraint status
- **Audible Alarm:** Alerts the dock attendant to potentially unsafe conditions
- **Horn Override:** Customizable keypad allows override sequence to be password protected



Vertical barrier secures intermodal container chassis and RIG configurations with obstructions or cover plates



Unlike skid-style slope extensions, the roller slope extension effortlessly moves over the pavement without damaging the dock approach



Sealed magnetic proximity sensors with direct drive gear motor



**1-800-236-7325**  
[www.novalocks.com](http://www.novalocks.com)



**WARNING:** This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# LOADING DOCK EQUIPMENT PRODUCTS BUILT FOR SAFETY, RELIABILITY AND STRENGTH



## VEHICLE RESTRAINTS

The most effective way to prevent accidents caused by trucks and trailers from prematurely pulling away from docks during loading and unloading.



## DOCK LEVELERS

Allow forklifts to make a smooth, safe transition between loading dock and trailer, reducing the effects of dock shock and the jarring that occurs when a lift truck crosses between the warehouse floor and trailer bed.



## SEALS AND SHELTERS

A wide variety of designs to fit your facility's needs for vehicle type, door size, dock height, driveway grade, dock traffic and weather conditions.



## SAFETY BARRIER PRODUCTS

Reduce your risk of injury as well as damage to your building, equipment and products.



## LOADING DOCK ACCESSORIES

Comprehensive line of loading dock accessories and loading dock aftermarket products to improve safety, productivity, security and environmental control.

Since 1986, NOVA has been providing innovation and reliability to the loading dock industry. We manufacture and distribute a comprehensive line of vehicle restraints, mechanical, air-powered and hydraulic dock levelers, edge-of-dock levelers, dock seals and shelters, safety barrier products, and other loading dock accessories to improve safety, productivity, security and environmental control.

For a dealer in your area or for additional information on routine service, preventative maintenance, product questions, or to request a quote, contact NOVA Technology.



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