



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



**LOCK-UP™ VEHICLE RESTRAINT**

# 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 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 an over-center device which maintains engagement even in the event of a power failure
  - Roller slope extension that effortlessly rolls on pavement
  - Innovative control circuit enables the utilization of the Lock-Up™ with existing Lock & Load™ operator interface
  - Non-contact limit switches—magnetic proximity sensors for a more robust, high durability, 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
  - Slim profile carriage design reduces the risk of collision damage to the Lock-Up™ or truck trailers
- The NOVA Lock-Up™ Vehicle Restraint with its vertical barrier offers more versatility than a rotating hook, providing security in restraining a wider variety of vehicles in a more durable package.
- Vertical barrier position ensures engagement with intermodal containers and trailer RIG configurations with cover plates or obstructions
  - Patent pending 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
  - Low torque requirement to lift barrier into engagement
  - Control box features discrete components for ease of service
  - LED lights are standard for energy efficiency and long life
  - Meets and exceeds ANSI MH30.3 requirements, tested and certified
  - Warranty up to 5 years

## EXCEPTIONAL VERSATILITY

Engagement range active from 9-30 inches above the ground.

## ROBUST PERFORMANCE & DURABILITY

Mounts to dock above ground level to stay clear of accumulated precipitation and debris. Protected from the elements with watertight connectors and zinc plating, which provides exceptional corrosion resistance.

## RELIABLE

Designed to withstand more than 38,000 lbs of pulling force, the NOVA Lock-Up™ helps prevent the dangers associated with unexpected horizontal trailer movement.

## EASY TO USE

Backing trailer positions restraint automatically.

## OPTIONAL FEATURES

- Cantilever mounting bracket
- Open dock stanchion for control box
- Driveway plate for ground mounting
- Green light interlock

## COMMUNICATION SYSTEM

- **Outside Communication System:** Constant flashing red or green LED lights with signs instruct the truck driver when it is safe to back into or pull away from the loading dock.
- **Inside Communication System:** Constant flashing red or green LED lights with signs inform the dock attendant when it is safe to perform loading/unloading operations.
- **Audible Alarm:** Alerts the dock attendant to potentially unsafe conditions
- **Horn Override:** Keyswitch 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:** Provide long life and reduced electrical power consumption.



Vertical barrier ensures engagement by securing intermodal container chassis with rear impact guard obstructions



Roller slope extension reduces/eliminates gouging/marking on the dock approach compared to "skid" style slope extensions



Sealed magnetic proximity sensors with direct drive gear motor

**1-800-236-7325**  
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# 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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