

## 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.



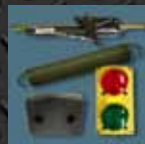
### SEALS AND SHELTERS

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.



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

N90W14507 Commerce Drive, Menomonee Falls, WI 53051 | phone 262-502-1591 | fax 262-502-1511



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



**LOCK & LOAD™ VEHICLE RESTRAINT**

# NOVA LOCK & LOAD™ VEHICLE RESTRAINT



The NOVA Lock & Load™ Vehicle Restraint with Roller Slope Extension secures the trailer's Rear Impact Guard (RIG) to reduce the risk of trailer separation accidents which lead to forklift driver injuries as well as damage to product and loading dock equipment. The Roller Slope Extension is designed to decrease resistance of carriage travel while adjusting to the height of the RIG on the trailer saving wear on the RIG, carriage and pavement. The Lock & Load™ offers unique features to improve on the proven performance of hook-style restraint designs:

## FEATURES AND BENEFITS

- The Lock & Load 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
- The roller slope extension reduces/eliminates gouging/marking on the dock approach compared to "skid" style slope extensions
- The gear motor utilizes multiple powertrain components to distribute stress and optimize velocities, maximizing long-term durability
- Our specially designed gear motor operates a total of only three seconds for the full cycle of restraining and releasing a vehicle. This equates to a fraction of a penny of electricity per vehicle, regardless of how long each is serviced at the loading dock
- The gear motor operates on electrical current only when engaging or disengaging the rotating hook with the RIG, resulting in more reliable operation
- Slim profile carriage design reduces the risk of collision damage to the Lock & Load or truck trailers

- The gear motor, specifically engineered for this application, utilizes a one way braking system which keeps the hook continuously engaged for added safety
- Roller slope extension that effortlessly rolls on pavement
- Control box features discrete components for ease of service
- Control box includes keyswitch for alarm override as standard
- LED lights are standard for energy efficiency and long life

## EXCEPTIONAL VERSATILITY

Low profile 9" carriage works with all standard trailers (RIG  $\geq$  9" and  $\leq$  27").

## 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 32,000 lbs of pulling force, the NOVA Lock & Load helps prevent the dangers associated with unexpected horizontal or vertical trailer movement.

## EASY TO USE

Backing trailer positions restraint automatically. Communication system provides interior and exterior lights and an audible alarm to alert dock attendant of restraint status.

## OPTIONAL FEATURES

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

## COMMUNICATION SYSTEM

- Control box features discrete components for ease of service
- Control box includes keyswitch for override as standard
- Interior and exterior LED lights alert dock attendant of restraint status
- Audible alarm built into the control panel alerts the dock attendant to potentially unsafe conditions



Industry proven truck positioned restraint mechanism



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



The gear motor utilizes multiple powertrain components to distribute stress and optimize velocities, maximizing long-term durability

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