LOCK & LOAD™ VEHICLE RESTRAINT

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

- Patent pending upward bias hook ensures the RIG will remain secure when engaged properly
- 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
- Standard bypass/override mode of the Control Box is controlled by authorized personnel only
- PLC based Control Box provides maintenance diagnostics
- LED lights are standard for energy efficiency and long life

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
- 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
EXCEPTIONAL VERSATILITY
Low profile 9" carriage works with all standard trailers (RIG ≥ 9” and ≤ 30”).

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 & 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
▪ Standard bypass/override mode of the Control Box is controlled by authorized personnel only
▪ 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

1-800-236-7325  
www.novalocks.com
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.