

NOVA TRUCK LOCK™

EQUIPMENT SPECIFICATIONS



- Non-Impact Design
- Powered or Manual Versions
- Highly Visible Inside/Outside Light Communication
- Restraint Raises Above Under-Ride Guards
- Stored Height: 10" or 7-1/2"
- Over 30,000 lbs. of Restraining Force
- Zinc Plated - Flood Proof Design
- All Activation Components Inside Building

Nova Truck Locks offer low cost of ownership with excellent ROI. The time tested design is engineered to offer years of reliable, low maintenance safety at your loading dock. Additionally, the 7-1/2" version offers the lowest stored height of any lock in the industry, allowing service to a wider range of truck types.

BOLT-IN:

The "Bolt-in" (Flange) Style housing is designed to be anchored to the concrete drive - not attached to the dock wall. This will provide years of trouble free service without any damage to your building! The zinc plated housing is completely self-contained and is designed to handle the harshest of loading dock environments. This style allows for easier movement to other dock positions in the event of required location changes.

CAST-IN:

The "Cast-in" Style housing is designed to be embedded into the concrete drive—not attached to the dock wall. This will provide years of trouble free service without any damage to your building! The zinc plated housing is completely self-contained and is designed to handle the harshest of loading dock environments.



NOVA TRUCK LOCK™

ARCHITECTURAL SPECIFICATIONS

DESCRIPTION:

- **STORED HEIGHT:**
 10" 7-1/2"
- **OPERATION:**
 PNEUMATIC MECHANICAL
- **LIGHT COMMUNICATION:**
 AUTOMATIC MANUAL
- **INSTALLATION STYLE:**
 BOLT-IN CAST-IN
- **OPTIONS:**
 COMPRESSOR WALL BRACKET
 TRUCK SENSOR
 INTERCONNECT w/Leveler or Door
 INTERLOCK w/ Leveler or Door
 OPEN DOCK STANCHION
 METAL BUILDING BRACKET
 ASPHALT INSTALL KIT (cast in only)

STRUCTURAL:

Restraint housing to be fabricated from high tensile strength steel and ram bar fabricated from 100,000 PSI yield specialty steel. The housing and all external operating components to be zinc plated.

GENERAL:

Loading dock to be equipped with an elevating ram non-impact type restraining device. Overall stored height (7 1/2" or 10") above drive with ability to restrain tailgate trailers (7-12" version). Device design to be anchored to the concrete drive - not attached to the dock wall. Restraint able to be completely submerged for extended periods and still be fully operational. Device can be supplied with a restraint activated 12 volt interior/exterior - red/green light communication system.

OPERATION:

After the truck/trailer backs into position against the dock bumpers, the dock attendant switches the Truck Lock to the "Restrain" position activating the restraint. The outside light turns red and inside light turns green, and after verifying the Ram Bar is above the Under-Ride Guard, the attendant may enter the trailer. When the attendant has completed the loading/unloading process, switch the Truck Lock to the "release" position deactivating the restraint and lowering the Ram Bar. The outside light turns green and inside light turns red.

ACTIVATION SYSTEM:

The restraint shall be activated by turning a switch or moving a slide bar to "Restrain" or "Release" the truck. Ram bar is raised by a high strength nylon coated stainless steel aircraft grade cable and guided over heavy duty pulleys with shielded bearings. The switch controls a pneumatic cylinder that activates the cable and is located inside the building within a powder coated steel enclosure. The Mechanical version uses a slide bar located inside the building within a powder coated steel enclosure to activate the cable.

WARRANTY:

1 Year Parts and Labor
10 Year Structural Warranty

