

MTL-230 LOW PROFILE MANUAL VEHICLE RESTRAINT



FEATURE SUMMARY

- Non-Impact Design
- Barrier Stores 9" High to Escape Impact From Low Rear Impact Guards
- Barrier Automatically Adjusts to Truck Movement During Loading
- Vertical Locking Hook Secures Virtually All Rear Impact Guards With In Excess of 32,000 lbs. of Restraining Force
- Easy to Install and Simple to Operate
- 5 Year Structural Warranty
- Automatic Light Communication
- Interlock Capable NEMA 12 Panel
- All Weather Zinc Plated Components for Superior Durability
- Vertical Operating Range From 9" to 30"
- Inside and Outside LED Communication Lights and Signs
- Virtually No Required Maintenance
- Housing Encloses Working Parts From Inclement Weather and Debris
- Self Cleaning Guide Track
- Mounting Force in Excess of 100,000 lbs.

Dedicated People ~ Superior Products

SPECIFICATIONS

VEHICLE RESTRAINT SYSTEM

DESCRIPTION

The TRUCK-LOCK® Series of vehicle restraints improve safety with strength, convenience and reliability. The MTL-230 Model is an affordable manually operated unit designed to secure a truck at the loading dock by engaging the rear impact guard with a large barrier.

The housing/barrier combination is stored down and clear of incoming trucks while protecting working parts from weather and debris.

The spring-loaded barrier automatically adjusts to various heights of trucks and maintains position during loading.

Instruction signs and automatic operating red/green communication lights are provided for driver and dock attendant.

The operator easily activates and stores the barrier manually with a control bar. The low profile barrier stores at only 9" high and raises to 30" to restrain all types of rear impact guards.

OPERATION

The trailer is backed into position at the loading dock until contacting the dock bumpers. The driver sets the brakes and chocks the wheels. The dock attendant uses the control bar to activate the barrier that will rise in the vertical track until it contacts the rear impact guard and secures the trailer to the loading dock. The outside light will automatically switch to red and the inside light to green and if the interlock is utilized the powered dock leveler will then become operational.

The barrier provides a restraining force in excess of 32,000 lbs. The barrier will automatically adjust to "trailer float" during loading and unloading operations ensuring trailer is fully restrained at all times.

When loading/unloading is complete the dock attendant stores the restraint with the control bar. The outside light automatically switches to green signaling the truck driver it is safe to leave and the inside light simultaneously turns to red signaling the forklift operator to not enter the trailer.

INSTALLATION

All Nordock TRUCK-LOCK® Model MTL-230 vehicle restraints are factory assembled and tested.

The restraint is mounted to the dock face by means of concrete wedge anchors and welding to the pit curb angle.

An alternate method is to weld the restraint to a dock face embedded steel plate. Total mounting force is in excess of 100,000 lbs.

The lights, signs and optional components are installed in accordance to instructions contained in the installation and owners manual.

CONSTRUCTION

The enclosed barrier and housing design is a structural welded assembly constructed with dual reinforced 1/2" steel restraining arms and 1/4" enclosure panel. The housing protects components from the affects of weather, dirt and debris.

The dual 1/2" steel reinforced vertical track is welded securely to the 3/8" thick wall mounting plate.

Mounting plate, track, barrier and lift arms are zinc plated for high corrosion resistance.

Black and yellow warning labels are provided on moving barrier.

Power requirement is 120 VAC, 1/2 amp.

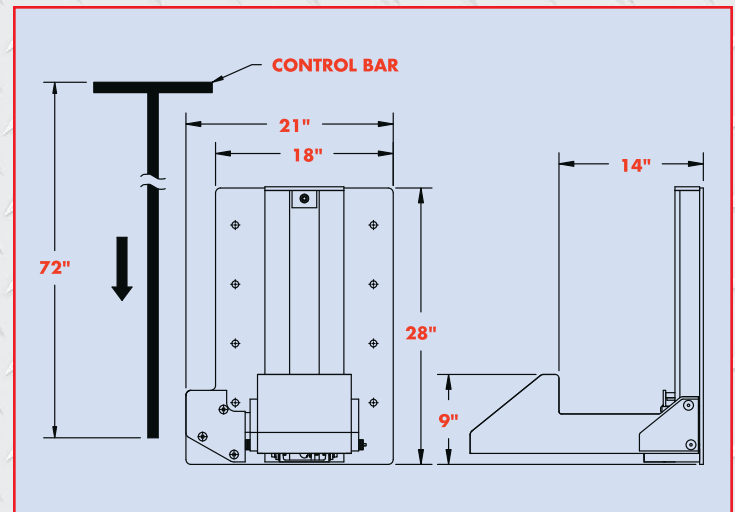
COMMUNICATION

Safety equipment includes inside operating instructions for the dock attendant, inside and outside LED red or green lights and outside sign with forward and reverse lettering for truck driver.

WARRANTY

One-Year parts and labor and Five-Year structural warranty from date of shipment. Warranties are subject to limitations on liability.

DIMENSIONS



OPTIONS & ACCESSORIES

- Barrier Sensor – Use Model MTL-250 or 300
- Cantilever Extension Mounting Bracket
- Cast-In Wall Mounting Plate

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