

## MTL-100 LOW PROFILE MANUAL VEHICLE RESTRAINT



### CAUTION

ENTER OR  
LEAVE  
DOCK AREA  
WITH  
TRUCK-LOCK™  
LOWERED  
ONLY

ENTER OR  
LEAVE  
DOCK AREA  
WITH  
TRUCK-LOCK™  
LOWERED  
ONLY

### NORDOCK MODEL MTL-100 TRUCK-LOCK™

#### NOTICE

REFER TO OWNERS MANUAL FOR FULL  
OPERATING AND SERVICE INSTRUCTIONS

#### TO LOCK TRUCK

1. Before loading or unloading and with the truck positioned against the bumpers, release the hold down latch using the control bar.
2. Check that the lock has risen and properly engaged the vehicle rear impact guard.
3. If unable to properly lock the truck, inform your supervisor and take additional precautions including checking the truck wheels before loading.

#### TO RELEASE TRUCK

1. After loading or unloading is complete, remove the dock leveler from the truck.
2. Use the control bar to push the lock down to its stored, latched position.

Inside & Outside  
Signs



Low Profile Stored Position



MTL-100

## 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
- All Weather Zinc Plated Components for Superior Durability
- Vertical Operating Range From 9" to 30"
- Inside and Outside Communication 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-100 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 are provided for both 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 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 restrained at all times.

When loading/unloading is completed the dock attendant stores the barrier with the control bar.

#### 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.

#### INSTALLATION

All Nordock TRUCK-LOCK® Model MTL-100 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 signs and optional components are installed in accordance to instructions contained in the installation and owners manual.

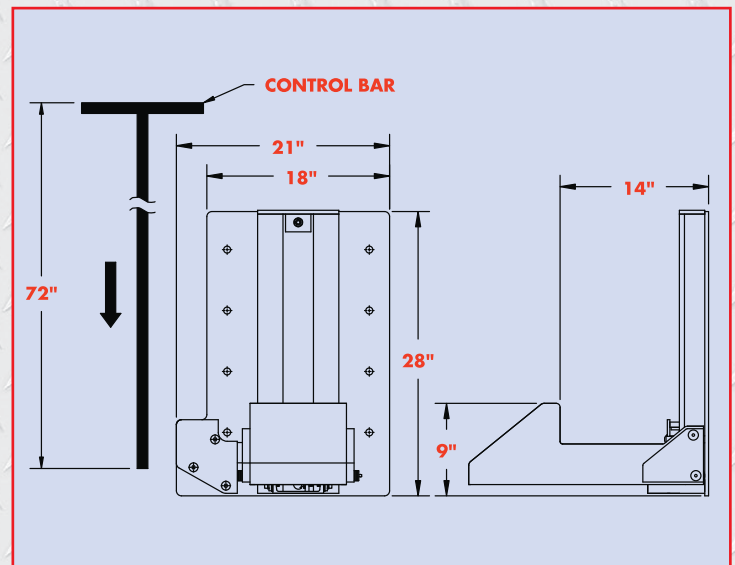
#### COMMUNICATION

Safety equipment includes inside operating instructions for the dock attendant and an outside mounted sign with forward and reverse lettering for truck driver.

#### WARRANTY

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

#### DIMENSIONS



#### OPTIONS & ACCESSORIES

- Communication Lights – Use Model MTL-200
- Barrier Sensor – Use Model MTL-250 or 300
- Cantilever Extension Mounting Bracket
- Cast-In Wall Mounting Plate

# NORDOCK® INC.

Website: [www.nordockinc.com](http://www.nordockinc.com) ~ Email: [Sales@nordockinc.com](mailto:Sales@nordockinc.com) ~ Toll Free: 866-885-4276

Nordock Inc. reserves the right to make changes to specifications without notice or obligation. Nordock products are covered by various U.S. and foreign patents or pending applications.