



Pentalift Equipment Corporation

Pentalock MFR32 Mechanical Vehicle Restraint

Maximum Product Value in Preventing Loading Dock Accidents

The Pentalock MFR32 Vehicle Restraint offers rugged design, simple operation, minimal maintenance and maximum product value. The loading dock has been rated as one of the most hazardous areas within most facilities. Serious loading dock accidents can result from such things as premature truck departure, trailer creep and collapsing landing gear on spotted trailers. The Pentalock MFR32 Vehicle Restraint is a practical solution to loading dock safety concerns. The simple and reliable operation promotes continued use by the dock attendant. It's mechanical design makes the restraint easy to both install and maintain. The 10-1/2" lowered height accommodates new trailers with increasingly lower Rear Impact Guards.

Features and Components:

32,000 lb. Restraining Capacity

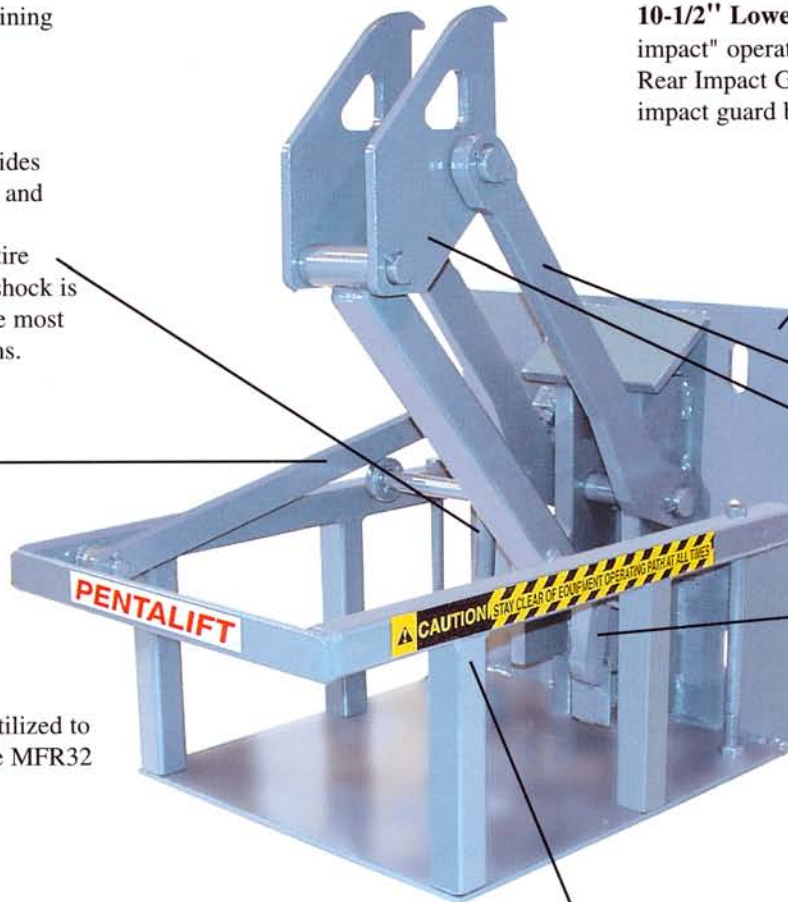
Gas shock activation provides simple effective operation and allows automatic height compensation over the entire operating range. The gas shock is designed to function in the most extreme weather conditions.

Computer optimized lowering mechanism allows low effort disengagement of the restraint in conjunction with lowering handle.

Operating "T" handle is utilized to activate and disengage the MFR32 vehicle restraint.

PTFE bushings in combination with Hard Chrome plated pins for reduced maintenance, on all pivot points.

Note: Restraint is shown in the raised position



10-1/2" Lowered Height facilitates "No impact" operation. Accommodates new vehicle Rear Impact Guards and meets 1998 NHTSA rear impact guard bar regulations for trailers.

Heavy - Duty mounting plate ensures simple yet secure installation.

100,000 PSI yield strength on structural steel arms and hooks

Positive lock-down mechanism holds unit in lowered position and allows easy release for engagement.

Flood resistant design.

Rugged structural guard protects Pentalock MFR32 from impacts such as snow removal equipment and yard trucks. "Open" design allows dirt and debris to naturally move away from restraint components as opposed to competitive designs with boxed in housings that retain and hold dirt and debris that fall into the restraint.

Optional Light Packages for Pentalock MFR32 Mechanical Vehicle Restraint :

Communication System

To facilitate enhanced communication with dock attendant and truck driver regarding the status of the loading / unloading operation and further increase dock safety.



Manually activated NEMA 12 Control Panel, with two-position selector switch. High visibility lights are clear and bright.



Exterior high visibility, deluxe lights and dual image safety yellow instruction signs provided as standard. Narrow width of light and signs facilitates easy installation between dock seal side pads.



Automatic Communication Light System



A further enhancement to the Deluxe Light System shown above. The Pentalock MFRSA32 Vehicle Restraint is equipped with a signal arm to automatically sense the vehicle Rear Impact Guard when it is engaged and restrained.

The signal lights are automatically switched appropriately, when the signal contacts the trailers Rear Impact Guard. Incorporates NEMA6 watertight and corrosive duty limit switch to ensure reliability.



Model: MFRSA32

Other Available Options Include: Zinc Plated Finish, LED (Red / Green) Outside Light, Handle Storage Bracket.

Consult a Pentalift Sales Representative for additional information or equipment recommendations.

Note: Some photos may reflect products with optional features. All Pentalift Equipment Corporation products are subject to design improvement through modification without notice.

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Product Bulletin 0303D024
 Printed In Canada