



Engineered for Safety

Pentalift Model MFR32 Mechanical Vehicle Restraint

Maximum product value in preventing loading dock accidents

The Pentalift model 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 premature truck departure, trailer creep and collapsing landing gear on spotted trailers. The Pentalift model 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.

Heavy - duty mounting plate ensures simple yet secure installation.

Operating "T" handle is utilized to activate and disengage the MFR32 vehicle restraint. Handle contact area is painted white making it easy to see in darker environments.

Flood resistant design.

Rugged structural guard protects Pentalift model 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.

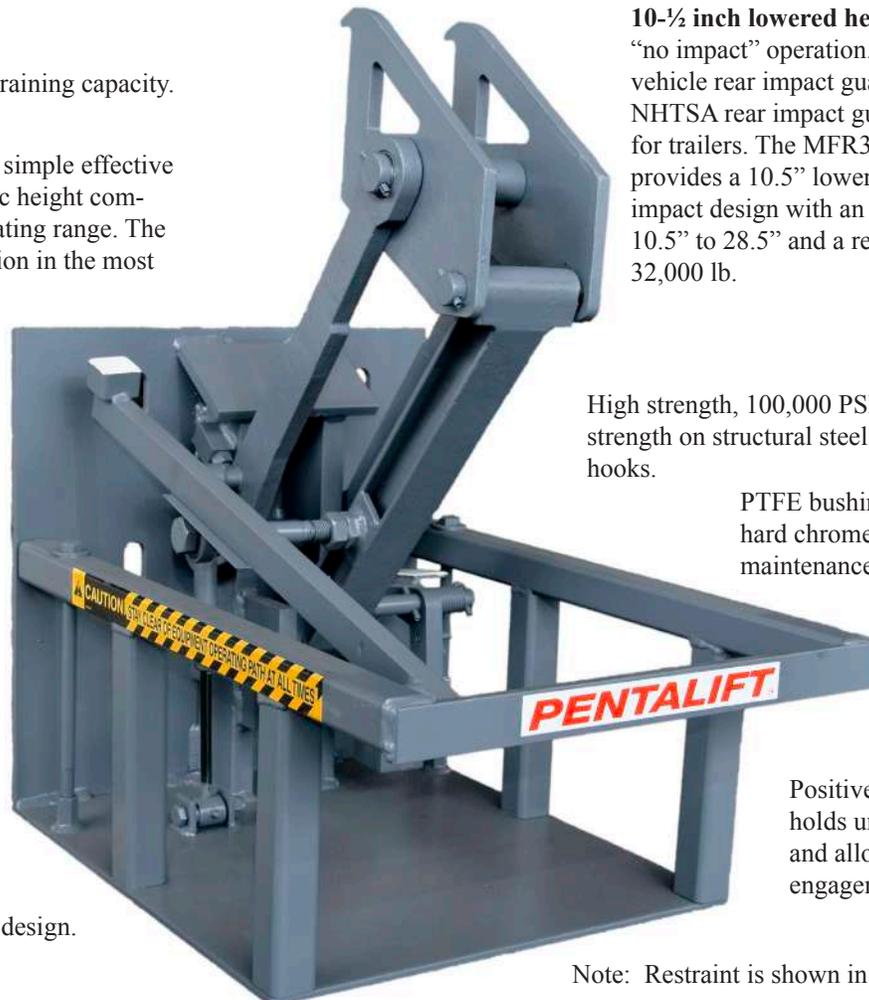
10-1/2 inch lowered height facilitates "no impact" operation. Accommodates vehicle rear impact guards and meets 1998 NHTSA rear impact guard bar regulations for trailers. The MFR32 Vehicle restraint provides a 10.5" lowered height. It is a non-impact design with an operating range of 10.5" to 28.5" and a restraining capacity of 32,000 lb.

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

PTFE bushings in combination with hard chrome plated pins for reduced maintenance on all pivot points.

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

Note: Restraint is shown in the raised position.



Optional light packages for Pentalift model 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 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. LED light bulbs are utilized for increased life and energy efficient power consumption.

Automatic Communication Light System

Model: MFRSA32



Incorporates NEMA6 watertight and corrosive duty limit switch to ensure reliability.

A further enhancement to the deluxe light system shown above. The Pentalift model MFRSA32 vehicle restraint is equipped with a signal bar to automatically sense the vehicle rear impact guard when it is engaged and restrained. The signal lights are automatically switched when the signal bar contacts the trailers rear impact guard.



Other available options include: Zinc plated finish, 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 products are subject to design improvement through modification without notice.

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