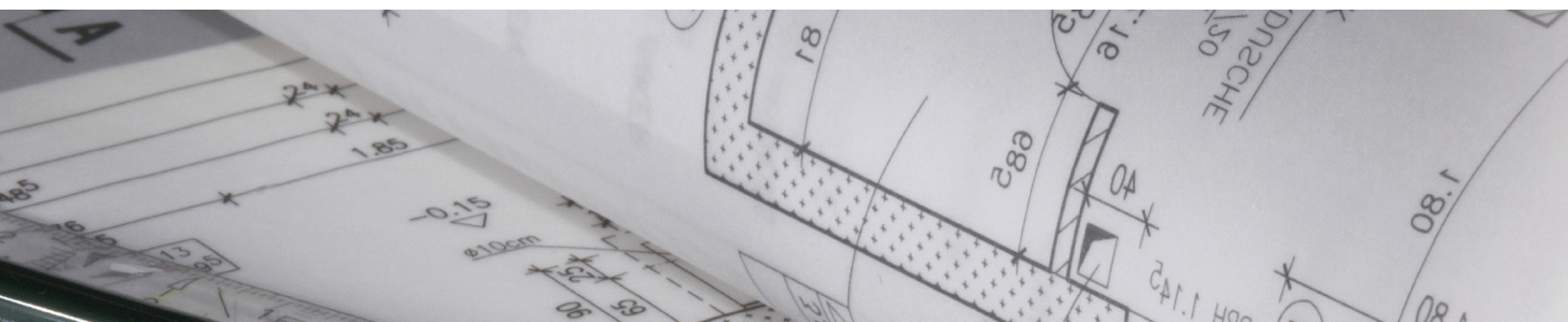




## Pentalift Model RVR32 Vehicle Restraint Safety System

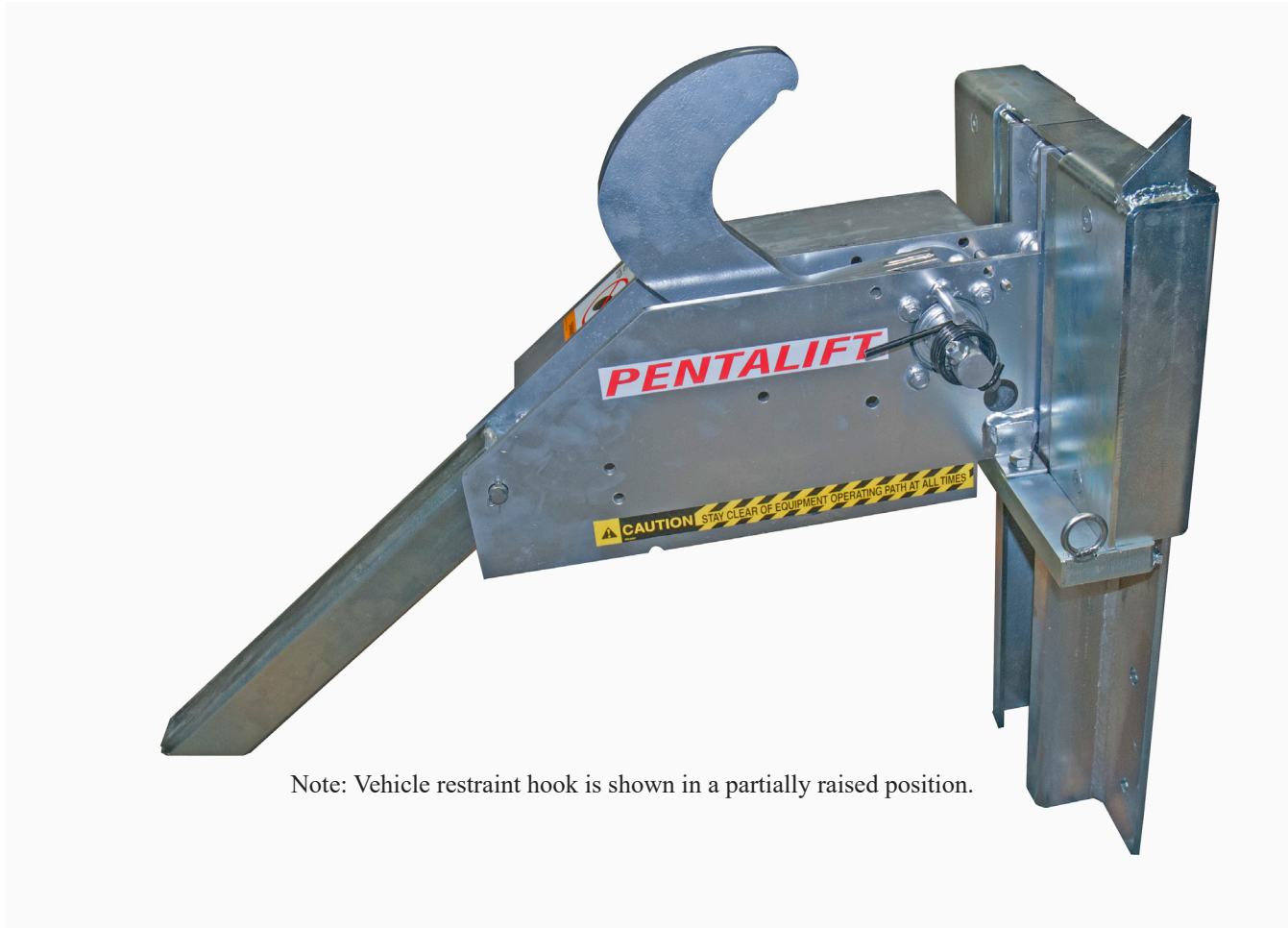
A raised vehicle restraint that creates a safer and more productive loading dock environment



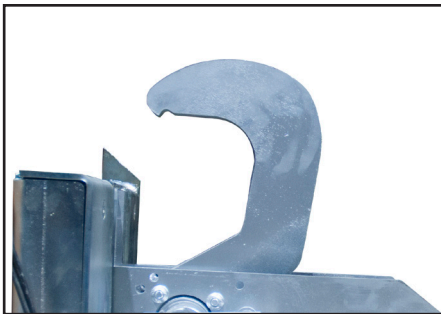
Engineered for Safety

The Pentlift model RVR32 raised vehicle restraint safety system offers rugged design, simple and reliable hydraulic activation for 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 reliable hydraulic operation promotes continued use by the dock attendant in extreme temperatures and harsh environments. The vehicle restraint is submersible. The 9" lowered height accommodates trailers with increasingly lower rear impact guards (R.I.G.).

## RVR32 vehicle restraint features and benefits:



Note: Vehicle restraint hook is shown in a partially raised position.

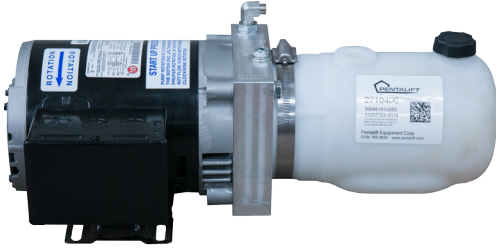


**Rotating Steel Hook:** The deeper hook profile increases the size of rear impact bars (RIG) that can be engaged. The hook shape reduces the stresses on the restraint as well as the RIG by spreading the stresses more evenly.

- 32,000 lb restraining capacity.
- Spring loaded carriage, automatically adjusts to trailer movement "float", maintaining contact with vehicle rear impact guard.
- 9" lowered height accommodates lower vehicle rear impact guards and meets 1998 NHTSA rear impact guard bar regulations for trailers.
- Impact extension bar with 9" to 25" service range.
- Zerk grease fittings on roller shafts.
- Heavy - duty mounting plate ensures simple yet secure installation.
- Zinc plated finish for superior corrosion protection and all weather protection.

# Reliable and proven hydraulic operation

Hydraulic actuation is generally acknowledged to be the most reliable means of activation for equipment exposed to adverse conditions. It is used in construction earth moving equipment, snow plowing products and air craft landing gear. This proven hydraulic cylinder operation, ensures that the RVR32 vehicle restraint will function reliably, in the toughest environments. The restraint can be submerged in shallow water for extended periods of time without damage to any of its components.\* See note below. This is very important based on the harsh environment that most restraints are subjected to.

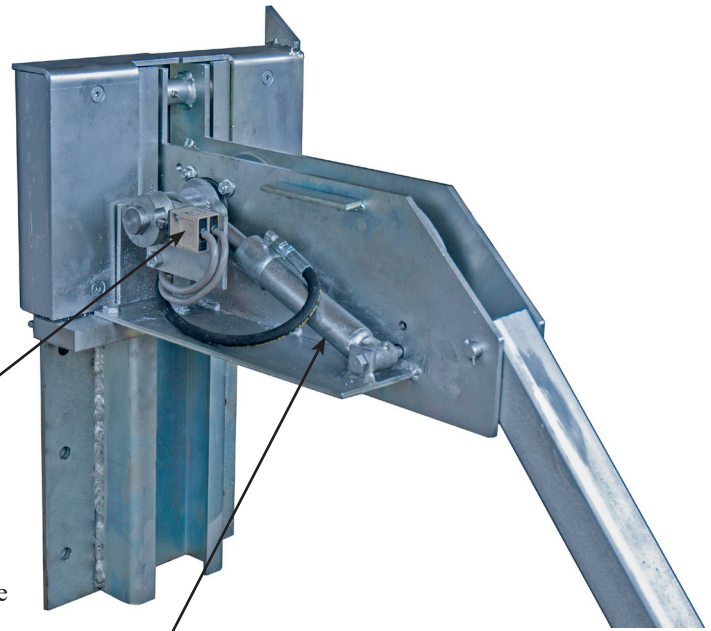


Hydraulic power unit is compact and easily installed on an interior wall of loading dock or under the dock leveler. Internal wall mount installation safely positions motor and pump assembly away from the elements, condensation and the potential impact of an incoming vehicle. When purchased in conjunction with a Pentlift hydraulic dock leveler, the operation of the Pentlift model RVR32 vehicle restraint safety system and hydraulic dock leveler are combined into one single hydraulic power unit and one common control panel which result in easier installation, simpler and safer operation, decreased maintenance and increased reliability.

Restraint can be submersed in shallow water for extended periods of time without damage to any components.

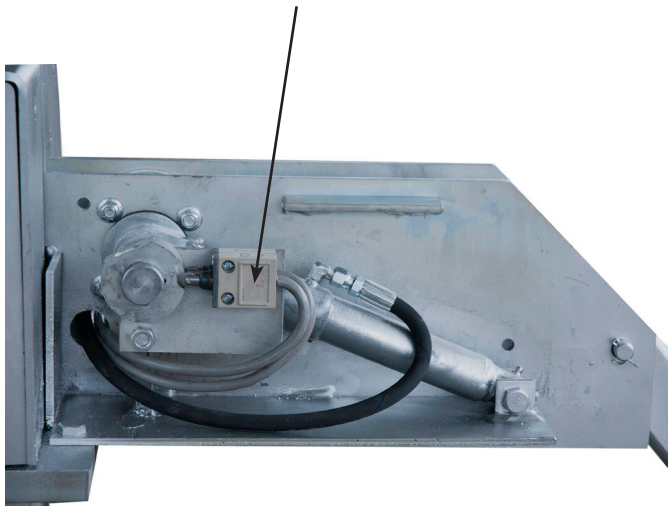
\*Note: After submersion application of lubrication as per owners manual should be completed. .

Hydraulic operation facilitates continued function and use at extremely cold temperatures and in harsh environments. It also allows hydraulic dock leveler and vehicle restraint to be powered by a single common and shared hydraulic power unit.



Watertight and corrosive duty limit switches are suited for harsh applications.

Hydraulic cylinder positions and holds the restraining hook in position.



Note: Vehicle restraints are shown with carriage cover removed to expose components (listed above) that are normally protected by a heavy duty cover.

# Communication System Components



Interior sign directs lift truck operator to load/unload on green light signal only.

Exterior high visibility, LED deluxe lights and dual image safety yellow instruction sign are provided as standard. Narrow width of light and signs facilitates easy installation between dock seal side pads. LED lights ensure long, reliable and energy efficient operation.

## Control Panels



NEMA 12 interior wall mount control station. High visibility interior signal lights are coordinated with exterior signal lights. Clear, concise and easy to follow instructions guide dock attendant on how to use the system. Selector switch and amber light accommodate "override" mode. CSA certified for the design and manufacture of industrial control equipment.



Combination control panels combine the controls for loading dock equipment such as vehicle restraint system, hydraulic dock leveler, overhead door and inflatable dock shelter into a single common panel. This ensures proper use and sequencing of equipment for increased safety and ease of operation.

Individual Product Catalogs are available and can also be found on our website. Pentlift also manufactures a complete line of Lift Tables for your in plant material handling needs.

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



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