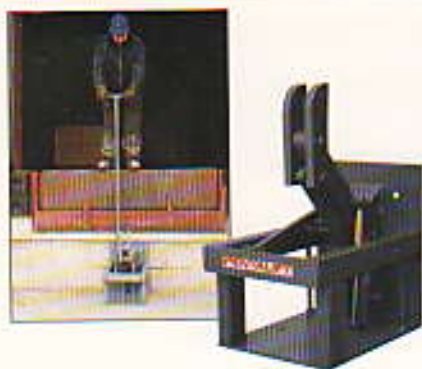


## SAFETY SYSTEMS



**MR35 Vehicle Restraint**

### Features

- gas shock activation
- low-profile height of 12"
- operating range of 12"-30"
- restraining capacity of 35,000 lbs.
- simple and trouble-free operation
- heavy-duty construction

### Specifications

Pentalock MR35 Mechanical Vehicle Restraint as manufactured by Pentalift Equipment Corporation. The vehicle restraint is to be of non-impact design. An operating range of 12" to 30" is to be provided with a restraining capacity of 35,000 lbs. The unit is to be gas shock activated and incorporate a positive lock down mechanism to hold the restraining arms in the lowered position. When in use the restraint shall be capable of automatic height adjustment over the entire operating range. A heavy duty, removable steel guard shall be provided to protect the unit from impact damage. A "T" handled operating bar shall be provided to release and store the restraint.

### Options

- manual operated light
- ICC bar sensor
- other options available



**FM35 Vehicle Restraint**

### Features

- electro-hydraulic actuation
- exclusive make up block reduces momentum range and prevents trailer creep
- signal bar design reduces potential of "false signals"
- flood-proof design
- low-profile height, operating range, and capacity same as MR35

### Specifications

Pentalock FM35 Vehicle Restraint as manufactured by Pentalift Equipment Corporation. The vehicle restraint is to be non-impact design. A service range of 12"-30" is to be provided with a restraining capacity of 35,000 lbs. Operation shall be electro-hydraulic with a remote power-pack system. Required voltage to be  $\frac{\text{---}}{\text{---}} / \frac{\text{---}}{\text{---}} / \frac{\text{---}}{\text{---}}$ . Controls shall be a remote wall-mount type in a NEMA 12 control enclosure. The restraint is to incorporate a makeup block assembly to reduce the momentum range. The design shall also include a heavy duty, removable steel guard. A force of approximately 30 lbs. shall be required to activate the signal bar. All external limit switches are to be flood proof. The restraint is to be supplied with a two-way, communication system consisting of high visibility outside lights and two warning signs, and inside indicator lights and an instruction sign. Finish is to be Pentalift standard gray enamel.

### Options

- can be interlocked with other dock equipment
- key pad security lock-out
- other options available



**Pentahook Vehicle Restraint**

### Features

- positioned under the dock leveler, it is protected from vehicle impacts and harsh climate conditions
- "floats" with the trailer suspension during loading/unloading
- hydraulic operation
- exceptional holding strength of 60,000 lbs.

### Specifications

Pentahook non-impact vehicle restraint safety system model PTH1232 as manufactured by Pentalift Equipment Corporation. The restraint is to be recessed completely behind the face of the foundation wall with no protruding components when stored. The restraining capacity shall be 60,000 lbs. Dual hooking arms shall be used to secure the ICC bar over a wider area. The operating range shall be 12" to 32" above grade and 4" to 16" from the dock face, with full float capability to accommodate the movement of the trailer suspension. The electro-hydraulic powerpack is to be recessed in the pit. Controls shall be wall mounted in a NEMA 12 control enclosure. Programmable Logic Controller technology is to be incorporated for control functions and interlock options. The communication system shall consist of a high visibility traffic style light (red, amber, green), dual image communication signs and a warning siren to notify dock attendant of an attempted departure.

### Options

- pre-wired NEMA 12 control enclosure can be interlocked with other loading equipment
- can be adapted to have a low profile hooking range for trailers having ICC bars with less than 12" of ground clearance
- pour-in-place design

For more information, contact a Pentalift Representative