



UHR Series Ultrahook Vehicle Restraint Safety System



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Features:

- positioned under the dock leveler, it is protected from vehicle impact and harsh conditions
- "floats" with the trailer suspension during loading/unloading
- hydraulic operation
- heavy-duty steel hook arm
- operating range of 9" to 29"
- exceptional holding strength of 40,000 lb
- high visibility, two-way deluxe communication light system
- PLC controlled
- Audible Alarm

Description:

The superior engineering features of the UHR Series Ultrahook Vehicle Restraint Safety System make it a reliable and effective restraint system for the most demanding of applications. The UHR Series Ultrahook Vehicle Restraint Safety System will cycle through a broad operating range. It has an exceptional drawbar rating or holding strength of 40,000 lb. Unlike face mounted restraints, the UHR Series Ultrahook Vehicle Restraint Safety System is mounted under the dock leveler making it a non-impact restraint. Further, there are no protruding components when it is in its stored position. The advantages of this installation arrangement for the UHR Series Ultrahook Vehicle Restraint Safety System include:

- 1) Unobstructed dock face for easy snow/debris removal
- 2) Restraint is protected from outside elements
- 3) Trucks/trailers and restraint are not damaged by impact

The Ultrahook effectively eliminates momentum range concerns which are typical with other restraints. An audible alarm is installed on the UHR Series Ultrahook Vehicle Restraint Safety System to signal the operator (alarm sounds and light flashes) should the truck/trailer creep forward during loading/unloading. The design of the UHR Series Ultrahook Vehicle Restraint Safety System permits floating with the suspension of the truck/trailer during loading/unloading operations. Operation takes place using proven reliable electro-hydraulic activation. As an option, the operation of the UHR Series Ultrahook Vehicle Restraint Safety System can be interlocked to that of other dock equipment, i.e. dock leveler, overhead door, inflatable dock seal, etc. A high visibility, two-way communication system provides communication between the truck/trailer driver and the operator. The UHR Series Ultrahook Vehicle Restraint Safety System is ideal for facilities where truck/trailer theft is a concern because of its greater restraining capacity and it is much more difficult to disable. All vehicle restraints are factory tested before shipment.

Operation:

When in the stored position, the exterior light shows green (ready to receive a truck/trailer), and the interior light on the control station shows red (unsafe to load/unload). Once the vehicle is in position, the operator turns the restraint switch on the control station to Engage. The exterior light immediately changes to red (no truck/trailer departure). The arm moves through its cycle until contact is made with the truck/trailer's rear impact guard (R.I.G.) causing the interior light on the control station to change to green indicating that contact with the R.I.G. has been made. When no contact is made, an audible alarm sounds and the switch on the control station must be turned to Override (alternate chocking methods will need to be used). When loading/unloading is complete, the operator turns the switch to Disengage. When fully stored, the exterior light changes to green and the interior light on the control station changes to red. The truck/trailer can depart.

Options:

- weld plate for cast in concrete installation
- pour in place pan
- interlocked to other loading dock equipment

