

# BEACON BMVR Series

Mechanical Truck Restraint

### Competitively Priced and Easy to Install.

Beacon's BMVR Series makes dock safety affordable and easy. Featuring a high strength unit with a stream-lined, low profile housing. The BMVR provides a restraining force in excess of 50,000 lbs. Beacon's rugged, solid steel housing is built to with-stand weathering and truck impact.



Optional inside/outside **Manual or Automatic Operated Light system** with Safety signs.

This Beacon Truck Restraint will lock all legal ICC bars. It may not work with damaged ICC bars.

Ship Weight: BMVR Series Standard Unit: 195 lbs. BMVR Series with Traffic Lights: 205 lbs.

#### Metric Specifications

More than 22,680 kg of Restraining Force 305 to 762 mm Operating Range.



**More than 50,000 lbs of Restraining Force !  
12" - 30" Operating Range**



Low profile, mechanical BMVR bolts directly to the dock face and ground -- **installs in 1 hour !**

**Self-cleaning Spring** and hook assembly requires no maintenance and only periodic lubrication.



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## Mechanical Truck Restraint

### Features & Specifications

#### Durability

Bolt Hole pattern Design provides optimal holding force. Non-impact Operation - meets 1998 ICC regulations. Semi-automatic unit provides Restraining Force in excess of 50,000 lbs.

#### Easy Installation

Installs in approximately 1 hour. Mounts directly to face of new or existing dock using 8 anchor bolts and 2 ground anchors. Recommended Factory Consultation available for dock heights of less than 48" or 24" deep pits. Optional Factory Provided Blockout available for bumper projections greater than 4" (including Edge-of-Dock Levelers). Optional Steel Mounting Plate for new construction and Template for Pre-mounting Attachment Bolts.

#### Simple Operation

Using the Activation Bar, operator depresses and align hook with ICC bar. Semi-automatic unit rises to securely capture ICC bar. Prior to truck departure, operator uses Activation Bar once more to push hook down and pivot it back into stored position.

#### Safety

Exclusive Pivoting hook captures and holds all legal ICC bars; allows for debris or snow removal within 4" of dock face. Positive Float Feature maintains ICC bar contact with hook while allowing free float with vertical truck movement. Unique Activation Bar allows semi-automatic operation from top of dock. Eliminates need for dock personnel to leave area. Complete safety signage is standard. Optional inside/outside Manually Operated Light System with safety signs.

#### Warranty

Beacon offers a 1-year warranty on all structural members. A 1-year warranty is provided on mechanical and miscellaneous parts.



Hook locks out of the way for snow removal



Truck Restraint with Block Out Frame structure for EOD application.

Note: When Pit Leveler lip length exceeds 18" or Pit depth exceeds 20" notify factory.

#### DRIVER WARNING SIGNS FOR OPTIONAL SAFETY TRAFFIC LIGHT PACKAGE

##### Outside Signs

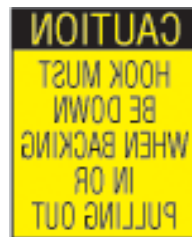
##### Inside Sign



#### STANDARD DRIVER WARNING SIGNS WITH NO SAFETY LIGHT PACKAGE

##### Outside Signs

##### Inside Sign



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