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TL85 Hydraulic Vehicle Restraint System

Electro-hydraulic operation. Simplicity of design, heavy-duty construction materials and no regular adjustments or lubrication requirements put BLUE GIANT's TL85 Hydraulic Vehicle Restraint in front of more North American loading docks.

Safety Secured with the Flip of a Switch

- Only 3 major moving parts - hydraulic lift cylinder and dual heavy-duty return springs
- Applies 35,000 lb (15,909 kg) of restraining power (100,000 lb (45,455 kg) mounting force)
- Restraint arm manufactured from 1.5" (38 mm) solid steel
- Corrosion-resistant Nitride coating on piston rod. Cylinder is completely sealed against foreign contamination
- NEMA 6 submersible rated switch

- Internal automatic pressure switch maintains the arm in the locked position while in operation. In the event of a power failure, the

TL85 Hydraulic Vehicle Restraint arm can be lowered manually

- Electrics available for single or

- three-phase operation with all common voltages
- In vertical (locked) position, the

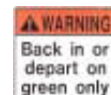
TL85 Hydraulic Vehicle Restraint offers one of the widest horizontal ranges of 0" to 12" (305 mm) beyond the face of the dock

- High performance, totally maintenance free T.E.N.V. (Totally Enclosed Non-Ventilated) Power Pack remotely mounts indoors where it

- is protected from the elements
- Services trucks with ICC bars from 12" to 29" (305 mm to 737 mm) above ground

- NEMA 12 control station features an optional LED light bulb burnout indicator and audible alarm to

- signal an unsafe condition
- System operation is authorized by key lock on main control station
- Effective trailer theft deterrent



- Communication system includes interior red and green indicator lights in the control station. Exterior red and green high visibility LED lights and dual driver warning signs with mirror image. Lighting system alerts both truck driver and dock attendant to status of restraint
- In the rare event of a truck without proper ICC bar, the ICC sensing system alerts dock attendant and driver of unsafe condition
- Can be integrated with most competitive dock model