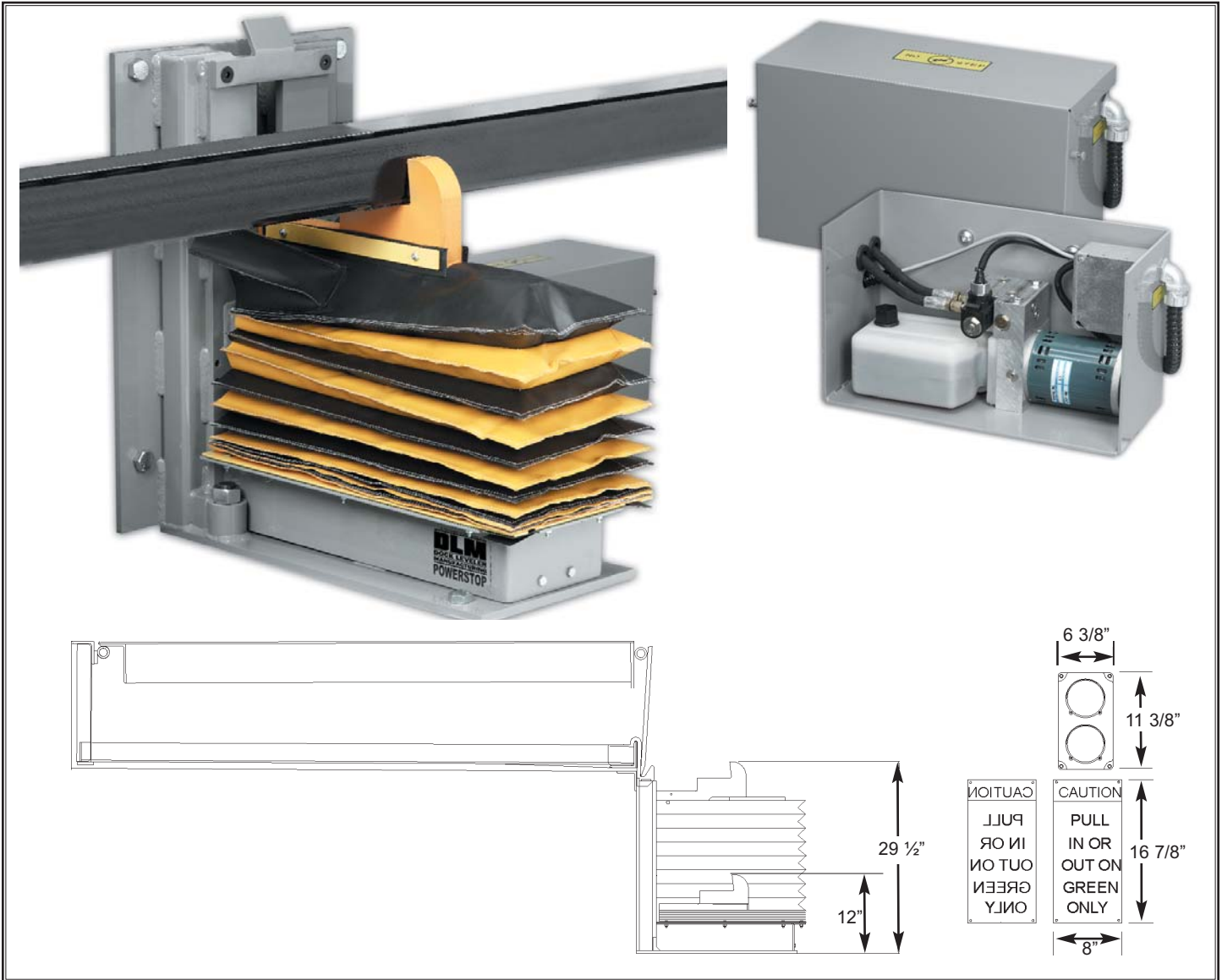


Automatic PowerStop Vehicle Restraint Specification Sheet and Submittal



STANDARD FEATURES FOR THE POWERSTOP^{AAL} VEHICLE RESTRAINT

- Push Button Activation (115v Single Phase Operation)
- Automatic Light Sequence
- Low Profile, Non-impact Design (wall or driveway mount)
- Unique Dual Locking Restraint Arm To Minimize "Trailer Creep"
- Restraining Force In Excess of 30,000 lb Average
- Remote Power Pack with Translucent Reservoir
- Designed to Accommodate Rear Impact Guard (RIG) Outlined in 1998 NHTSA Regulation
- Interlock Terminals
- Override Selector Switch
- Protective Debris Guard
- Industrial Powder Coated Finish
- 1 Year Parts & Labor Warranty

Automatic PowerStop Vehicle Restraint Specification Sheet and Submittal

GENERAL DESCRIPTION: All DLM® PowerStop^{AA} vehicle restraints are designed to secure a cargo trailer's Rear Impact Guard (RIG) to reduce the likelihood of premature trailer separation during the loading/unloading process. The exclusive PowerStop^{AA} vehicle restraint features an automatic restraint mechanism, hydraulic power package, inside control panel, exterior communication lights and instructional signs.

CONSTRUCTION: The PowerStop^{AA} restraint system is designed to be a stationary mount, non-impact device, permanently mounted to loading dock foundation or drive approach. Restraint shall be preserved in a non-corrosive powder-coated finish. Restraint arm shall be protected by a bellow style cover to eliminate the accumulation of debris. Once activated, the PowerStop^{AA} extends upward to the RIG. The uniquely designed dual locking restraint arm minimizes "trailer creep", securing the trailer with over 30,000 lb. (average) of pull-out force. The fully automatic PowerStop^{AA} is affordable and easy to install. It is ideal for all manufacturing, warehouse and distribution applications.

OPERATION: As a trailer backs into position, the exterior light is green and the interior light is red. Once the trailer is positioned against the dock bumpers, the operator depresses the "Engage" button. The PowerStop^{AA} raises vertically to the RIG and the inside light will display green while the outside light will display red. The dock attendant should visually inspect and confirm that the restraint has engaged the horizontal member of the RIG. After the loading is complete, the operator depresses the "Release" button. When the trailer is released and the restraint is safely stored the interior light changes to red while the exterior light changes to green.

If "By-Pass" of the system is necessary, it is recommended that you secure the trailer by other means before proceeding with the loading/unloading process. In "By-Pass" mode, the exterior light is red, and the interior light is green.

HYDRAULICS: The PowerStop^{AA} is a hydraulically actuated restraint with a Dock Alert™ communication system. The PowerStop^{AA} vehicle restraint raises vertically to find and maintain a hold on the RIG of truck throughout loading and unloading operations. The dual locking restraint arm will minimize "trailer creep". As an optional safety feature, the dock leveler and the vehicle restraint can be interlocked, preventing operation of the dock leveler until the restraint is activated.

HOOKING RANGE AND CAPACITY: The PowerStop^{AA} restraint system is designed to withstand a pulling force in excess of 30,000 lb. (average), giving an added margin of safety and protection. Maximum operational range is 10" horizontally from face of dock bumpers, and 12" minimum to 29.5" maximum vertically. Additional ranges are available for certain applications.

EXTERIOR LIGHTS: Low profile, traffic style, incandescent red, and green lights are standard for communication to truck driver. A set of caution signs warns truck driver to "Back In or Pull Out On Green Light Only".

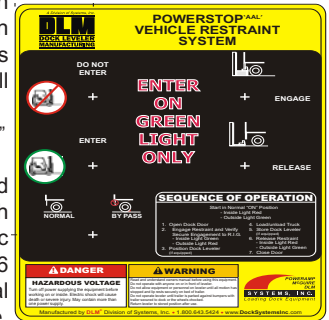
ELECTRICAL: The PowerStop^{AA} vehicle restraint is available as a stand alone unit or combined electrically with your dock leveler selection. Hydraulic pump and motor is 1/4 HP requiring 4.6 Amps at 115v single phase. Electrical control panel is NEMA 12 enclosure. All electrical control panel components, connections and wiring are UL listed/ recognized.

Please Note: Unless specifically noted on quotation, all electrical requirements, including mounting of control box, outside lights and signs, are the responsibility of others.

INSTALLATION: Requires mounting of locking unit, control panel, exterior lights and signs in strict accordance with DLM installation instructions. Mechanical installation is recommended to be performed only by authorized DLM Representative.

WARRANTY: All PowerStop^{AA} vehicle restraints feature a full one (1) year base warranty on all structural, hydraulic and electrical parts, including freight and labor charges in accordance with Systems, Inc's Standard Warranty Policy. Systems, Inc. warrants all components to be free of defects in materials and workmanship, under normal use, during the warranty period. This base warranty period begins upon the completion of installation or the sixtieth (60th) day after shipment, whichever is earlier.

PowerStop^{AA} Panel Shown



Optional Equipment for PowerStop^{AA} Vehicle Restraint
 (Check options desired)

<input type="checkbox"/> Standard 24" Hose Length	<input type="checkbox"/> Limit Switch for Door Interlock
<input type="checkbox"/> Extended Hose Length _____	<input type="checkbox"/> Integrated Control Panel
<input type="checkbox"/> Dock Leveler Interlock	(effects panel size)
<input type="checkbox"/> Additional Interlock Terminals	<input type="checkbox"/> Cantilever Bracket
<input type="checkbox"/> L.E.D. Interior Lights Only	_____ Projection
<input type="checkbox"/> L.E.D. Interior & Exterior Lights	<input type="checkbox"/> Low Profile 10" (Single Stage Hook)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Embed Plate __Wall __Drive
<input type="checkbox"/> Other _____	<input type="checkbox"/> Anchor Pkg. __Wall __Drive
<input type="checkbox"/> Other _____	<input type="checkbox"/> Control Stanchion for Open Dock
	<input type="checkbox"/> Key Lock Override Switch

Customer: _____ Job: _____ Location: _____ Number of Units: _____ Model: _____ Size: _____ Represented By: _____ SalesRep: _____	Certified For Construction: By: _____ Date: _____ Company: _____ City & State: _____ Voltage/Phase: _____ Drawing #: _____
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A continuing product improvement process is in effect at Systems, Inc. We reserve the right to make product changes without prior notice.