

PowerStop® Series Automatic Vehicle Restraint



FEATURES

- Push button activation (115v single-phase operation)
- iDock® Controls with interactive message display
- Advanced 3-color light communication
- Low profile, non-impact design (wall or driveway mount)
- Remote power pack with translucent reservoir
- Restraining force in excess of 32,000 lbs.
- RIG sensor bar notifies the operator if the restraint is not securely engaged to the trailer's Rear Impact Guard
- Zinc-plated for maximum corrosion resistance
- Automatically ensures safe capture or auto-stores
- Automatically re-engages if the restraint is forced down
- iDock Controls connected online with optional myQ® Enterprise
- Designed and manufactured in the USA

Connect online
with

myQ
Enterprise

** PowerStop shown with
standard controls and OSLA (Outside
Light Assembly).*

A Division of Systems, LLC

POWERAMP
Premium Loading Dock Systems

PowerStop®

Automatic Vehicle Restraint

VEHICLE RESTRAINT SYSTEM

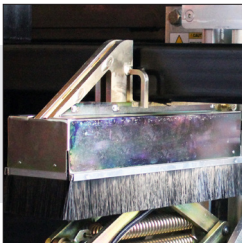
The PowerStop® is a non-impact, hydraulic vehicle restraint, available as a standalone unit or integrated with other loading dock equipment through an optional integrated control panel. The unit helps prevent unexpected trailer departure from the loading dock during the loading/unloading process.

OPERATION

Once a trailer is backed into position against the dock bumpers, the operator presses the “Engage” button, activating the PowerStop to rise vertically to the trailer’s Rear Impact Guard (RIG), placing a stop behind the RIG and preventing the trailer from being able to pull away. The restraint maintains contact with the RIG and adjusts automatically with the trailer float motion to ensure proper engagement at all times. After loading is complete, the operator presses the “Release” button, lowering the PowerStop unit to a safely stored position, releasing the trailer.

SAFETY FEATURES

- RIG sensor bar notifies the operator if the restraint is not securely engaged to the trailer’s Rear Impact Guard
- Automatic light sequencing with interior/exterior red/green lights always in opposition
- Full communication package with lights, signs and control panel with universal signage pictures for additional communication safety
- Integrated iDock® Controls for safe leveler interlock
- Restraining force in excess of 32,000 lbs.



Hydraulic operation to raise the restraint and engage the Rear Impact Guard.

LIGHT COMMUNICATION

The PowerStop restraint uses iDock® Controls with an LED 3-color light communication system. As a truck approaches, the exterior light is green and the interior light is red. Once the trailer is restrained, the interior light changes to green and exterior light to red, warning the driver not to pull away from the dock. When the trailer is released and the restraint hook is safely stored, the lights revert back to a green exterior and red interior. An interior amber “caution” light is used if needed for bypass mode or faults.

CONSTRUCTION

The durable zinc-plated, steel housing unit is designed to protect the self-contained motor and all internal components from any weather conditions.

The PowerStop vehicle restraint is engaged hydraulically and electrically. The motor is 1/10 HP TENV 115v single phase, with a NEMA 4X control panel.



CONNECTIVITY

iDock Controls come standard and ready to connect online.



POWERSTOP®

COMMON OPTIONS

- Audible alarm
- Cantilever bracket with a requested projection
- Custom interlock sequence with leveler and/or door
- Integrated control panel
- Limit switches for door interlock
- Remote power pack inside pit or inside building
- Optional mounting hardware for wall or ground

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Designed, Engineered, and Manufactured in the U.S.A.
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Consistent with our policy of continuing product improvement, we reserve the right to change product specifications without notice or obligation.

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