

VEHICLE RESTRAINTS

SAFER, MORE CONSISTENT DOCK OPERATIONS

A Division of Systems, LLC
POWERAMP
Premium Loading Dock Systems

poweramp.com

Why Trailer Control Matters

Vehicle restraints help facilities manage trailer movement during loading and unloading, while communication lights, controls and optional integrations help make dock status clear to operators and drivers. The result is a more consistent loading process built around control, communication and repeatable operating practices.



2X+

Higher recordable injury & illness rate in warehousing & storage vs. private industry
BLS, 2024

4.1

DART cases per 100 full-time workers in warehousing & storage
BLS, 2024

25,110

Forklift-related DART cases reported for 2023-24
BLS via NSC, 2023-24

32,000+ LB

pull-away / pull-out force available on multiple Poweramp models
Poweramp product specs

WHERE VEHICLE RESTRAINTS ADD VALUE

CONTROL

Help manage trailer movement and support a stable interface between the dock and trailer during loading and unloading.

COMMUNICATE

Light, audible and message-display status cues can improve coordination between dock personnel and drivers.

STANDARDIZE

Controls and interlocks, where configured, can help reinforce a repeatable loading and unloading sequence.

POWERAMP VEHICLE RESTRAINT LINEUP

Automatic Hook-Style



POWERHOOK®

Pit Stored

Actively seeks and secures RIG, widest service range. Covers 0 to 15 inch horizontal, 7 to 34 inch vertical.



TPR UNILOCK®

Rig-Wedge Release

Auto RIG Wedge release, no reversing. IP67-rated motor, 9 to 30 inch service range.



TPR® SERIES

Automatic

Push-button, auto-adjusts, iDock® 2.0 ready. Zinc-plated housing, ANSI MH30.3 compliant.



POWERSTOP® AUTO

Economical

IP67 motor, RIG sensor bar, LED lights. Withstands 32,000 lbs pull-away force, 0 to 10 inch / 12 to 29.5 inch range.

MANUAL & WHEEL-BASED SOLUTIONS



POWERSTOP® MANUAL

Manual

Non-impact, structural steel, box construction. Withstands 32,000 lbs pull-away force, pairs with any leveler.



EZ-LOCK™

Manual Hook

Manual hook-style restraint; no electrical installation required. 32,000+ lb pull-away.



UNICHOCK™

Wheel-Based

Wheel-based, audible alarm. Zinc-plated traction teeth, integrates with iDock® 2.0 message display.



UXL

Economical

Economical wheel restraint, steel-teeth grip. Auto red/green lights, single-controller integration available.

myQ enterprise

Connect the dock, when the application calls for it!

Many Poweramp restraint solutions can pair with iDock controls and optional myQ Enterprise connectivity, depending on model and configuration. **The strongest dock safety programs combine the right equipment with training, procedures, inspection and maintenance.**

Explore the right restraint solution for your dock application.

Sources: U.S. Bureau of Labor Statistics, Warehousing and Storage (NAICS 493), 2024; National Safety Council Injury Facts, Forklifts (BLS data), 2023-24; OSHA 29 CFR 1910.178 and OSHA Directive STD 01-11-007; current Poweramp product pages/spec sheets, accessed Sept. 2026. Industry data are provided for context and do not establish performance of any specific product.