A Division of Systems, LLC
POWERAMP
Premium Loading Dock Systems

UniChock™
Wheel-Based Vehicle Restraint

FEATURES

- Universal wheel chock with light communication system
- Audible alerts to ensure safe use and storage
- Interior messages for the position of the chock
- iDock® Alert with dynamic message display
- Strong grip to limit sliding
- Aluminum for strength and lightweight
- Zinc-plated steel teeth and storage bracket
- Replaceable teeth for overall longevity
- iDock 2.0 Controls connected online with optional myQ® Enterprise
- Designed and manufactured in the USA

Connect online with myQ® Enterprise

** UniChock sample installation. iDock® Controls shown with optional dock light push button.*

A Division of Systems, LLC
POWERAMP®
Premium Loading Dock Systems

UniChock™
Wheel-Based Vehicle Restraint

VEHICLE RESTRAINT SYSTEM

The UniChock™ is a wheel-based trailer restraint with advanced light communication and available as a standalone unit or integrated with other dock equipment. Universally effective in most conditions, the unit helps prevent unexpected trailer departure or movement from the loading dock during the loading process.

OPERATION

Once a trailer is fully backed and parked in position against the dock bumpers, the yellow UniChock is removed from the storage bracket and placed under the front of one of the trailer's back tires. This will sound an audible indicator and display a message on the iDock® Controller that the unit is in a safe position. The dock attendant can then proceed to open the door and deploy the leveler.

After loading is complete, the dock attendant stores the leveler and closes the overhead door, either of which must have an installed switch interlocked with the restraint. This will then sound and display indications to return the UniChock to the storage bracket.

SAFETY FEATURES

- Damaged traction teeth can be replaced as necessary to maintain a stronger grip
- Automatic light sequencing with interior/exterior red/green lights always in opposition
- Exterior and interior audible alarms if the UniChock is not in a safe position during loading
- Full communication package with lights, signs and control panel with universal signage pictures for additional communication safety
- Optional integrated iDock Controls for safe leveler interlock

Secure grip to the ground with audible indicators if in unsafe position during loading.

LIGHT COMMUNICATION

The UniChock uses advanced 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 & ELECTRICAL

The restraint unit is durable and light weight aluminum with a powder coat finish. The traction teeth and storage bracket are zinc-plated steel. Wired sensors are installed in the restraint unit and the storage bracket. The control panel is NEMA 4X with all components, connections and wiring UL listed and/or recognized. Panels are built in-house in a UL-approved control panel shop.

myQ Enterprise

CONNECTIVITY

iDock 2.0 Controls come standard and ready to connect online.

UNICHOCK™

COMMON OPTIONS

Bracket extension for alternative storage positions
Connect online with myQ Enterprise
Custom interlock sequence with leveler and/or door
Integrated control panel

W194N11481 McCormick Dr. | Germantown, WI 53022
poweramp.com | sales@poweramp.com
800-643-5424

poweramp.com

A Division of Systems, LLC
POWERAMP®
Premium Loading Dock Systems