

# Loading Dock Solutions



From dock levelers for smooth transitions to seals and shelters for environmental control, along with reliable vehicle restraints for enhanced safety, we've got you covered. Discover aftermarket solutions for improved performance and longevity and take advantage of our free on-site consultations to ensure your loading dock operates seamlessly.

## Dock Levelers

### PIT STYLE

**Hydraulic:** High-performance, various sizes/capacities, easy push-button operation or advanced upgrades.

**Air-Powered:** Safe in extreme conditions, heavy-duty operations.

**Mechanical:** Easy, ergonomic pull-chain operation, reliable, various sizes.

**Dock-Lip Barrier (DLB):** Prevents forklift roll-off with open overhead door and no trailer.

**Alternative Installs:** Specialty kits for smooth setup, avoiding delays or extra costs.



### VERTICAL STORING

Ideal for cold storage facilities.

#### BENEFITS:

- Maintains cold chain integrity.
- Preserves climate control.
- Prevents internal temperature fluctuations.
- Ensures product quality.

#### CONTAMINANTS & CLEANLINESS:

- Keeps overhead doors closed and sealed.
- Keeps pests and debris out.
- Easy to wash and sanitize pit floor.
- Powder coat finish prevents rust.



### EDGE OF DOCK

This leveler is an economical solution for applications that do not support the installation of a pit-style leveler or loading docks that serve standard trailer heights. Edge-of-dock levelers are easy to operate and represent an ergonomic and safer alternative to dock plates. Mechanical and hydraulic models available.



## Vehicle Restraints

### HYDRAULIC

The StrongArm™ line of hydraulic vehicle restraints are engineered to cope with the toughest applications.



- Barrier-style and recessed models available
- Operated by the multi-functional Blue Genius® Gold Series II
- Flexible engagement range

### ELECTRIC

The StrongArm™ line includes a versatile electric restraint with a hook-style arm. Advanced engineering and positive holding ability make the HVR303 a loading dock safety asset.



- Electro-mechanical hook design
- Sustainable operation
- Services a wide variety of trailers

### MECHANICAL

The manually operated StrongArm™ ML10 is engaged and released by a single detachable control rod.



- Secure hold even during power outage situations
- Can be upgraded to include a lights communication package
- Safer alternative to wheel chocks alone

# Seals & Shelters

## COMPRESSION SEALS

Create a foam-filled compression around a trailer's top and sides, supporting energy efficiency and climate control. Save money in reduced energy costs and increase productivity by enabling a safe and comfortable working environment. Available with head pads or head curtains and a wide range of fabric types.



## INFLATABLES

Inflatable dock seals and shelters come in a variety of styles. Rugged and practical air-inflated designs protect the building walls and tighten the contact area against the trailer, enabling a climate-controlled facility. Custom sizes and projections available.



## SHELTERS

Shelters differ mainly on their impactability levels. Each model provides unrestricted access to the trailer interiors, enabling efficient loading and unloading while keeping out rain, snow, and debris.



## RAIN SHROUD

A foam wiper blade design creates a tight seal against the top of the trailer to keep rain water out of the loading dock area. This economical design is virtually maintenance-free with no mechanical parts to wear out.



## METAL CANOPIES

Loading dock canopies make the process of loading and unloading dry and efficient while man door canopies protect employees and visitors by keeping building entrances safe and dry.



# After Market Solutions

## SAFETY & LIGHTING



To keep productivity levels high and reduce the risk of worker injury or cargo damage we offer safety and lighting solutions.

## DOOR TRACK GUARDS



Designed to protect doors in high-traffic areas, preventing impact damage from warehouse vehicles.

## WHEEL CHOCK SAFETY KITS



Each kit consists of a laminated or molded chock with 15' (4.6 m) chain and mirror image chock reminder sign.

At Equipment World, we are dedicated to providing unparalleled services for all your loading dock requirements. From servicing, repairs, and routine maintenance to comprehensive consultations and equipment upgrades, our skilled technicians are committed to optimizing your loading dock operations for peak performance. With a wide range of services and a reputation for excellence, Equipment World is your trusted partner in ensuring seamless warehouse logistics. Contact us today to schedule your complimentary consultation and unlock the full potential of your loading docks!



# Elements of a Loading Dock

A well-designed loading dock enhances efficiency and ensures safe and swift movement of materials. What essential elements should every loading dock have? Discover the key components below.



## Seals & Shelters

Dock shelters and seals ensure a tight seal between a truck and the loading dock. Shelters, using industrial fabric curtains, cover the trailer and sides, while seals, made of foam pads, create an air-tight seal between the dock and truck.

## Overhead Door

Come in a variety of different shapes and sizes and can be custom tailored to any facilities specific shipping needs.

## Access Points

Loading dock access points usually feature a personnel door for safe entry and exit. Equipped with security measures like locks and keycard access, they safeguard facility security.

## Dock Bumpers

Positioned at the loading dock's base, these structures absorb vehicle impact, safeguarding the concrete wall, dock leveler, and vehicle restraint.

## Vehicle Restraint

A vehicle restraint device, positioned outside the building, slides over and secures vehicles in place, enhancing safety during loading and unloading. While not mandated by OSHA, it's a dependable safety precaution preventing trucks or trailers from moving unexpectedly.

## Levelers

A leveler bridges the building and truck, enabling safe access for personnel and machinery to load and unload cargo from truck trailers. They come in various types, including mechanical, hydraulic, or air-powered options, as well as edge-of-dock or vertical configurations.

## Interlocking System

A loading dock interlocking system keeps the overhead door locked unless a trailer is securely attached to the dock lock and restraints, ensuring safety by restricting access to loading and unloading activities only.

## Lighting

Loading dock lights serve to illuminate the loading area and convey safety information. Flexible swing arm lights illuminate trailer interiors, while exterior signal lights indicate to both drivers and facility employees when it's safe to enter or leave a dock.



**Whether you need to maintain, improve, or expand your loading dock area, Equipment World Inc. is here to support you. Let's discuss how we can collaborate to meet your needs effectively.**

At Equipment World, we offer top-notch services for all your loading dock needs. From maintenance to upgrades, our skilled technicians optimize performance. With a reputation for excellence, we're your trusted partner in warehouse logistics. **Schedule your FREE consultation today!**

**When it comes to repair, maintenance, and replacing loading dock equipment, several key considerations should be taken into account:**

**Regular Maintenance:** Regular maintenance is crucial to ensure the smooth operation and safety of loading dock equipment. Maintenance tasks may include lubrication of moving parts, inspection of hydraulic systems, checking electrical connections, and assessing structural integrity.

**Scheduled Inspections:** Implementing a schedule for routine inspections can help identify potential issues before they escalate into costly repairs or safety hazards. Inspections should encompass all components of the loading dock system, including levelers, seals, shelters, and vehicle restraints.

**Prompt Repairs:** Promptly addressing any identified issues or malfunctions is essential to prevent downtime and maintain productivity. This may involve replacing worn-out components, repairing damaged parts, or adjusting settings for optimal performance.

**Replacement Considerations:** Over time, loading dock equipment may reach the end of its service life or become obsolete due to technological advancements. When considering replacement, factors such as equipment age, frequency of repairs, evolving safety standards, and operational requirements should be taken into consideration.

**Upgrades and Modernization:** Upgrading loading dock equipment can enhance efficiency, safety, and sustainability. Modernization options may include installing energy-efficient lighting, upgrading to hydraulic or air-powered levelers for smoother operation, or integrating advanced safety features such as automatic vehicle restraints.

**Vendor Support:** Working closely with reputable vendors or service providers specializing in loading dock solutions can streamline repair, maintenance, and replacement processes. Equipment World Inc. can offer expertise in equipment selection, installation, and ongoing support, ensuring optimal performance and compliance with industry regulations.

**Overall, prioritizing regular maintenance, conducting thorough inspections, promptly addressing repairs, and considering upgrades or replacements as needed are essential practices for ensuring the reliability, safety, and efficiency of loading dock solutions.**