



PRODUCT GUIDE



Creating
Solutions
for your
loading dock

The Allied Solutions division of Systems, LLC provides all of the extra items used at the loading dock.

Allied Solutions' products can help you improve your loading dock's efficiency and productivity with its comprehensive line of aftermarket products. These products will protect your employees from dock-related accidents and enhance your loading dock communication and safety. Our products are designed to reduce damage and increase productivity at the loading dock.

Such items include wheel chocks, swing arm dock lights, specialty LED guide lights, snake style LED truck lights, custom weather seal options, wheel chock cradles, door track protection, specialty custom signs and many others.

For additional information on these products and pricing, please contact sales@allieddocksolutions.com.

Protective & Safety Systems



Track Guards

FEATURES

- Designed to withstand light forklift truck and pallet impacts while protecting the overhead door track from damage
- Powder-coated safety yellow makes it easy for the forklift truck operator to identify the edge of the door opening
- Available in 3 convenient sizes; 24", 36" and 48"
- Heavy-duty 3/16" track plate with 1/2" base plate
- Unit mounts to both the floor and wall, providing extra strength and durability
- Top taper helps prevent finger pinching by pushing the hand away from the unit while the door is closing
- Works on both mechanical and automatic doors

AVAILABLE IN THREE SIZES

24" | 36" | 48"



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Track LOCK

FEATURES

- Track mounted locking system that traps the roller and secures the loading dock door from opening
- Hard coat anodized, billet aluminum mounting block
- Available for left-hand and right-hand applications
- Welded steel housing, powder coated
- Tool steel locking pin
- Heavy-duty release spring
- Accepts standard pad lock (not included)
- Mounts on door track



Safety Gate

FEATURES

- Pedestrian railing protection that meets or exceeds OSHA 1910.23 for elevated work platforms
- Gas strut ensures easy one handed operation
- Designed to stay in the open position when raised
- Available in 8 ft and 10 ft widths
- Constructed of carbon steel with durable yellow powder-coat finish
- Stainless steel finish available
- Simple installation in about 20 minutes
- Total weight under 90 lbs.

AVAILABLE IN TWO WIDTHS

8' | 10'



Door SHIELD™

FEATURES

- Heavy-duty steel construction making it impact resistant
- Safety yellow powder-coat finish
- Protects the bottom panel of the overhead door from damage when the gate is down
- Protects the overhead door track when the gate is up
- Available in 36" and 48" widths
- Manual operation is standard but can be interlocked to work with other loading dock equipment



Dock GUARD™

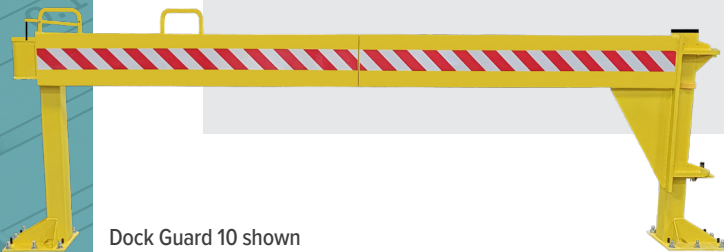
FEATURES

- Easy to operate with minimal effort
- Ships in three pieces (all hardware included)
- Positive stop holds gate open without using moving parts
- Heavy-duty steel construction
- Built-in leveling screws
- Custom sizes and configurations available
- Lockable latch (lock included)
- Optional electronic interlock with dock equipment
- Allows full pass-thorough clearance with gate open at 90°

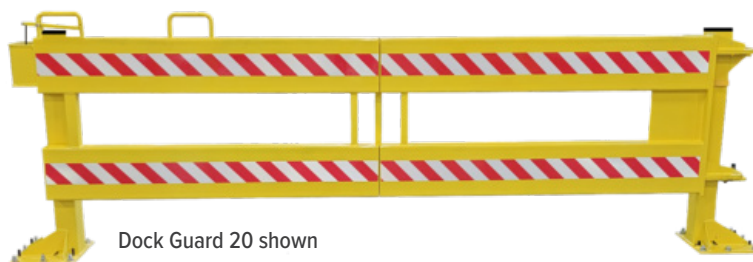


SAFETY FEATURES

- Helps prevent falls from open loading docks
- Protects equipment, pedestrian zones, hazardous areas, and in-plant safety applications
- Dock GUARD attachments and electronic interlock options available
- Latch release on grab handle allows for faster, easier opening and closing
- Positive stop holds gate open without using moving parts
- Powder-coated yellow finish with 3M® reflective tape



Dock Guard 10 shown



Dock Guard 20 shown

Wheel Chocks

FEATURES

LAMINATED

- Extra heavy duty
- Contoured to fit tire
- Completely reversible
- Constructed of fabric reinforced rubber pads cut from recycled truck tires

MOLDED

- Molded from a tough fabric reinforced rubber compound
- Well suited for trailer truck and other heavy equipment
- Economical and long lasting



Wheel Chock Cradle

FEATURES

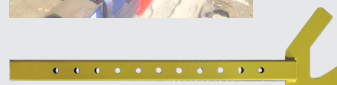
- Stores wheel chock and chain off ground
- Works with any style wheel chock
- Powder-coated safety yellow
- Designed to drain water
- Quickly mounts to foundation wall
- Prevents snowplow damage and removal of chock and chain
- Increases life of chock and chain
- Prevents theft



Tough Strut

FEATURES

- Secondary precautionary strut for air, mechanical and select hydraulic dock levelers
- Helps provide additional support to the leveler during maintenance
- Holds dock levelers with Comparative Industry Rating (CIR) of up to 55,000 lbs
- Structural-steel construction
- Secure to the frame of the leveler
- Adjust the positioning of the strut in each direction
- Vertical adjustment in 1 inch increments



Hydraulic Insert



When performing maintenance in a dock pit, taking extra precautionary measures is a good idea, and the Tough Strut is there to help.

The Tough Strut is a secondary means to help provide platform support for select dock levelers manufactured by Systems. It's designed as a backup to the maintenance props

equipped with the leveler in case any faults occur with those props. The Tough Strut can be secured to the dock leveler and adjusted in each direction to fit with the raised leveler. Vertical adjustments can be made in 1 inch increments.

Take extra precautions with your maintenance and add the Tough Strut for backup support.

Energy-Saving Solutions

Mag Seal

FEATURES

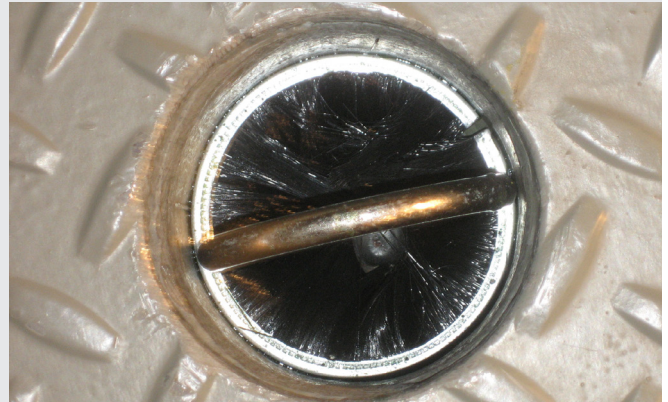
- Seals the gap between the dock leveler and the pit wall with high powered disc magnets
- Constructed of 22 oz. black vinyl
- Double row of magnets are sewn in place every 12"
- No welding or professional installation required
- Keeps trash and debris out of the pit area, as well as provides added protection against bugs and rodents



Cup Seal

FEATURES

- Closes off the area around the pull ring on mechanical levelers and powered levelers with pull chain functions
- Reduces air infiltration and energy costs
- Fast and easy to install, with no tools required
- Each kit includes 6 cup seals, sandpaper, and epoxy



Pro-Seal

FEATURES

- Tubular-shaped brush weather seal that is used to seal off the rear hinge area of the loading dock
- Tightest retro-fit rear seal available
- Installs in minutes with no need to crawl under the leveler or even open the overhead door
- One size fits all - 6', 6'6", or 7' wide levelers
- All equipment and installation tools are included with each kit

AVAILABLE IN THREE SIZES

6' | 6'6" | 7'



Draft Pad

FEATURES

- Vinyl foam-filled dock seal mounted to the underside of a vertical storing dock leveler
- Decreases outside air flow under the leveler
- Designed to close off the area between the bumper mounting brackets, bumpers and pit floor
- Fits any style or size vertical leveler, with a custom size to the pit depth requirements



Draft Wedge

FEATURES

- Designed to close off the gap between the overhead door, dock leveler and pit wall
- Dynalon, high-performance material filled with foam, allowing the Wedge to form to the gap area where the door meets the leveler and pit wall
- Fits any style or size overhead door
- Mounts quickly and easily to the overhead door
- Reduces energy costs



Door Strip

FEATURES

- Designed to close off the gaps between uneven floors and the overhead door
- Made of Dynalon, high-performance material filled with foam
- Customized to fit any style or size overhead door
- Mounts quickly and easily to the overhead door
- Reduces air infiltration and energy costs

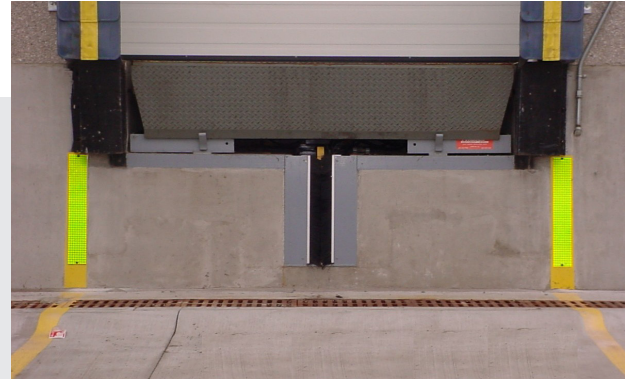


Lighting & Communication

Bumper Guide Strip

FEATURES

- Reflect both sunlight and vehicle lights
- Installs in minutes using drive-in concrete anchors
- Improves visibility, making it easier for the truck driver to position at the dock
- UV protected for maximum life
- Aluminum backed to prevent rust
- Multi-directional, laser printed reflective materials accentuate the drive line



- Designed with low-light applications in mind (inside docks, night loading, shaded building)
- Compatible with any type of dock (pit style, EOD, vertical, scissors)

LED Bumper Guide Lights

FEATURES

- Designed to help trucks back safely and accurately into the dock
- Low-power consumption LED lights
- Shock and vibration proof
- Easily retrofitted
- Safe, reliable, 12-volt operation
- High-strength ABS light housing
- Key on/off switch
- LED power-on light informs the operator that the guide lights are illuminated
- Brightest guide lights available (12 LEDs)
- Great for interior docks and 24-hour operations

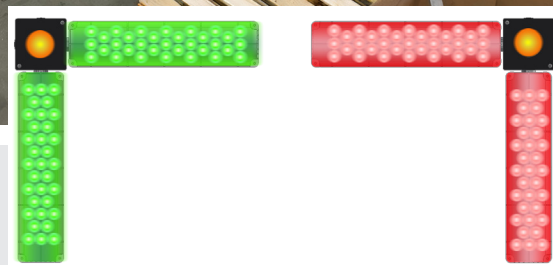
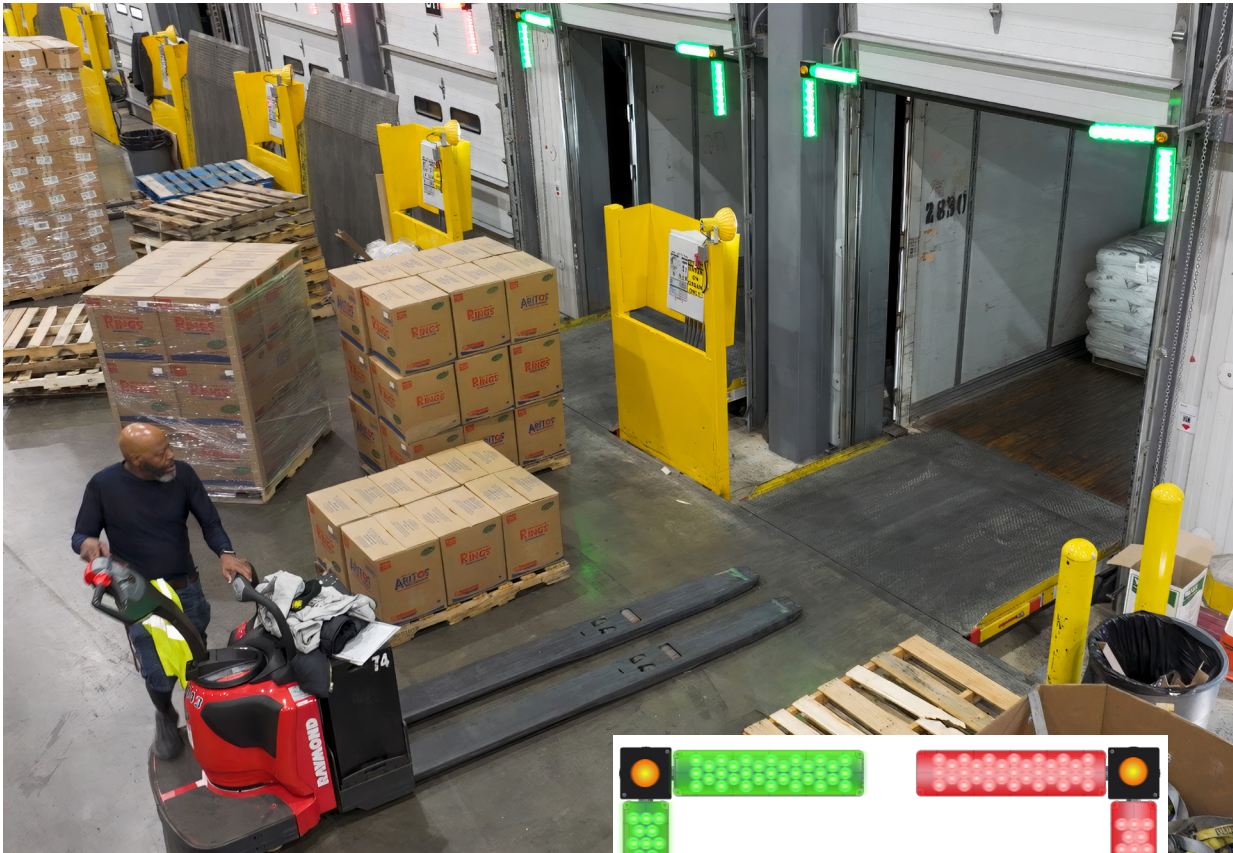


Toggle Light

FEATURES

- Compact, traffic-style, yellow polypropylene light will not rust, pit or corrode
- Shallow depth of the unit prevents damage from a backing truck
- Integral eyebrow-type sun visors for improved visibility
- Universal red and green lights provide direction to drivers and loading dock personnel
- Available in two unit sets (for mounting on opposite sides of door)





Edge Lights™

FEATURES

- Communication lights for safe loading
- Mount above the interior top corners of the dock door
- Integrate with the leveler and/or restraint controls
- Red/green lights extend along the top edges of the interior dock door opening

- Middle cautionary amber light to warn of fault or bypass conditions
- Lights act as a clear indication to dock workers of when it's safe to enter the trailer

A light communication system is an important safety component to have at any loading dock. A full system will have red and green exterior lights for the truck driver that are then opposite to the red/green lights on the interior controls for the dock attendant. Edge Lights are an added level of safety to enhance this communication.

While a light on the controls is good to have, it's not necessarily clear enough to dock workers driving in and out of the trailer on a forklift. By adding Edge Lights around the interior dock door opening, it becomes visibly clear to any dock worker when it's safe or not to enter the trailer.



Flex LED Lights

FEATURES

- Energy efficient - operates on 16W
- Uses 84% less energy than 150W models
- Provides light comparable to an incandescent 150W PAR38 lamp
- Long-life LEDs (rated 50,000 hours) deliver bright, uniform, instant-on light
- Easy installation mounting bracket compatible with most dock light mounting hardware



- Flexible arm offers great flexibility in positioning
- High-temperature polymer housing resists denting and wear
- With no filament to break, solid state lighting proves far more durable than incandescent sources

TRUCK-E Blue Fork Truck Light

FEATURES

- Light mounts to the back of a forklift truck and shines a bright blue warning beam on the ground to help avoid forklift truck and pedestrian collisions
- Two blue cree LED lights per unit
- Life expectancy is 50,000 hours
- Light available in multiple voltages ranging from 12-volt to 96-volt

- Heavy-aluminum construction offers full protection from dirt and water
- Provides ample warning to pedestrians and other forklift trucks in the area
- Operating temperature -40° F to 150° F



Dock Signs

FEATURES

- Custom made-to-order signs to help a warehouse operate safely and efficiently
- Outdoor UV protected vinyl on .040 aluminum blanks
- Vinyl is available in 6 standard and 80 custom colors
- Aluminum blanks are available in 22 colors
- Signs available in a variety of sizes
- Available in radius or squared edges
- Various mounting hole patterns and sizes available
- Standard or mirror view options



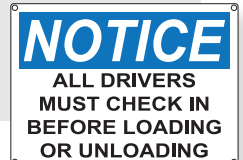
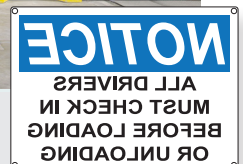
10" x 14" sign
backing shown



24" x 16" sign
backing shown



24" x 18" sign backing shown



Dock Accessories

Flip-Up Step

FEATURES

- Mounted step eliminates the need for a ladder
- Constructed of high-strength steel
- Designed to safely support up to 350 lbs
- Sized at 15" L x 10³/₄" W x 4"
- Two 9/16" pre-drilled installation holes
- Easily accommodates larger feet
- Serrated top grating for maximum slip-resistance
- Ideal to mount on a wall, machine, vehicle, or other vertical areas where quick and safe access is desired
- Step will safely store in an upright position so it stays out of your way



Heavy-Duty Trailer Stabilizer

FEATURES

- Used to support and level the trailer while it is sitting unsupported by the tractor during loading and unloading or for storage
- 100,000 lb static load capacity
- Oversized contact pad (5" x 30" x 1/4")
- Oversized base (5" x 30" x 1/4")
- Ergonomically designed bicycle-style handle with vinyl grips
- 16" solid rubber tires for easy mobility on all surfaces



Stabilizer Stand

FEATURES

- Used to support and level the trailer while it is sitting unsupported by the tractor during loading and unloading or for storage
- Twin-spin leveling system
- 6" diameter supporting pads
- Ergonomically designed bicycle-style handle with vinyl grips
- 10" diameter wheels 100,000 lb static load capacity (50,000 lb per post)



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