

Quality Products Since 1973

A large, stylized, concentric 'C' shape in shades of blue and red dominates the center of the page. The background is a dark blue gradient with a repeating pattern of the words 'LOADING DOCK SAFETY', 'PRODUCTIVITY', and 'ENVIRONMENTAL SOLUTIONS' in a light blue, sans-serif font. The 'C' shape is composed of three concentric arcs, with the innermost arc being a solid red color and the outer two being lighter shades of blue.

CHICAGO • ROCKFORD



Message from our Founder and President

To Our Customers:

When you purchase equipment from W.E. Carlson Corporation, you are investing in the best products made by companies with a tradition of engineering and manufacturing excellence. But—we feel what happens before and after your purchase is just as important as the purchase itself. We are committed to making your operation safer and more productive through our custom solutions, our attention-to-detail, and our close customer contact from project inception to completion.

We take pride in providing our customers a true value-added experience. From our experienced sales staff and attentive customer service team, down to our highly skilled service and installation specialists, we want you to know that we will do our very best for you. Your company's 100% satisfaction is the W.E. Carlson corporate goal.

The commitment to you and your company shows:

- In the performance of our products
- In the efforts of our sales and support staff
- In the attitude of our service technicians

We are proud of our position as the leading supplier of loading dock equipment in Northern Illinois. You, our customer, have made this happen and for that we thank you.

Cordially,

A handwritten signature in black ink that reads "William E. Carlson".

William E. Carlson

"Our W.E. Carlson salesperson is our 'go-to guy.' He consistently brings great ideas and suggestions to the table; he's not just an order taker. When we built our new facility, the showpiece for our organization, we bypassed the inferior product recommendations from our contractor and went straight to W.E. Carlson. We could not be happier with the results."

— Electrical Conduit Manufacturing Company

CONTENTS

Docks, Doors & More Since 1973

W.E. Carlson Corporation is Northern Illinois' and Northwest Indiana's exclusive distributor for Rite-Hite® Corporation—the industry leader in loading dock and industrial door innovation, safety and quality. But we're more than just docks and doors! W.E. Carlson is a one-stop-shop for state-of-the-art solutions designed to enhance facility productivity, shrink energy costs, reduce accidents, and ultimately, increase profits.

W.E. Carlson Corporation is:

- More than just loading docks and ergonomic equipment, we offer the highest quality loading dock and ergonomic equipment as the exclusive Rite-Hite representative in Northern Illinois and Northwest Indiana.
- More than just doors, but an expanded selection of premium high-speed, sectional, insulated and impact doors by Rite-Hite, Raynor, Wayne Dalton and Clopay.
- More than just service, a company-owned service department, with more than 20 fully stocked trucks —more than double our nearest competitor—staffed by certified technicians recognized for impeccable safety records.
- More than just a distributor, but a solutions provider: a team of advisors, technicians and office staff dedicated to safety, integrity, follow-through.

“W.E. Carlson’s service doesn’t end at installation. Our salesperson was out here immediately afterward to make sure everything went smoothly and to train my entire staff on the new dock equipment. When I purchase equipment from W.E. Carlson, I know I’m not just buying a great product, I’m investing in a trusted relationship that ultimately makes my job easier.”

– Fasteners Company

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The E in W.E. Carlson is not just an initial! We're dedicated to the evolving green movement and have initiated an ambitious environmental agenda.



This symbol next to a product indicates that it provides superior economic and environmental sustainability beyond alternative solutions, or may qualify for incentives from your energy supplier.



America's Favorite Garage Doors™

A Smoother Transition to Safety & Productivity



PROBLEM: Dock Shock

Dock Shock is the jarring that occurs when a lift truck crosses between the warehouse floor and trailer bed due to traditional levelers' bumps and gaps.

- Worker back and neck injuries are serious for employees and costly for you
- Forklift driver muscle fatigue reduces productivity
- Product damage reduces profits



SOLUTION: Rite-Hite® Dock Levelers

- The "constant radius" rear hinge reduces the gap and provides an even surface for forklifts
- Reliable lip crown does not require maintenance
- Even lip-to-deck match reduces the chance for a catch-point that can damage product and equipment
- Smooth Transition design decreases whole body vibration by 50% – 70%



How Much Does WBV Cost Your Company?

Whole Body Vibration, caused by the jarring and jolting of the lift truck as it crosses from warehouse floor to trailer bed, causes forklift driver back injuries and damage to your equipment and your products.

- Severe back injuries can reach \$300,000 in medical costs; a first-time injury up to \$10,000*

- Musculoskeletal disorders account for 32% of employee absence, with a median of 10 days away from work per injury**
- It can cost you almost \$2,000 to replace a damaged dock seal, \$1,000 for forklift brakes, \$400 to replace worn forklift tires and \$400 to replace damaged dock bumpers

For more information visit www.smoothdok.com

*The Ohio State University, 2001

**U.S. Bureau of Labor Statistics

Smooth Transition Dock Levelers



Safe-T-Lip®

RHH Hydraulic Dock Leveler

- Push-button operation allows dock attendant complete control over deck and lip
- Most ergonomically friendly leveler with no bending or lifting required to operate
- Automatic recycle returns leveler to safe dock position after use



RHM Mechanical Dock Leveler

- Simple pull-chain operation with smooth operator walk-down
- Heavy-duty ramp control includes 9-tooth pawl and ratchet bar hold-down system
- Structural safety stops protect uncontrolled free-fall



Safe-T-Lip®

RHA Air-Powered Dock Leveler

- Push-button operation to raise deck and extend lip
- Simple pull-chain operation for below-dock endloads
- Cylindrical air tower is wear-resistant for longest lift
- Exclusive forward mounting provides optimum lifting efficiency



RHV Vertical Hydraulic Leveler

- Overhead door closes all the way to pit floor, providing better environmental control
- Creates a barrier that can help protect against overhead door damage and fork truck accidents
- Safe, simple maintenance support system ensures safe access to the pit
- Vertical storing position allows for easy routine pit cleaning or full wash down

Unique Environments, Special Levelers



Dock Scissor Lift

Provides a permanent, low-cost solution for loading/unloading trucks.



Jumbo Hydraulic Leveler



Full-width trailer access: 8'6"-wide platform deck serves wider trucks with lower beds.



Edge-O-Dock™ Leveler

Ideal for servicing trucks with minimal height difference or where space is a problem. Eliminates the need to store, find and move portable plates to correct dock positions.



Hydraulic Railcar Ramp



Unique hydraulic system provides a true "power up and power down" unit and a 10-year non-prorated structural warranty, including pump and motor.



Dual-Dok® Lift/Leveler System



Provides both leveler and lift functions at a single dock position, saving valuable dock space by eliminating the part-time position of a scissor lift and the need for a ramp.



ThinMan™ Truck Leveler

Eliminates pit wall and bumper obstructions to efficiently access below-dock loads without the need for a below-grade pit.

Dock Safety is Good Business

Vacant loading docks create a dangerous 4-foot drop-off for dock personnel and material handling equipment.

Reduce costly falls with drop-off protection products!



Dok-Guardian™

A simple, easy-to-use safety solution to help stop a fork truck, pallet jack or dock worker from falling off a loading dock. Available in heavy- and light-duty models.



Full-time Safety Integration

The Dok Guardian Heavy Duty Barrier is designed to integrate with Rite-Hite's powerful Dok-Lok system, to ensure full-time loading dock safety.



Safe-T-Lip®

Can be added to almost any dock leveler, and is a standard safety feature on most Rite-Hite levelers.



TS-5000 Trailer Stabilizer

The wide top plate and twin vertical supports provide 140,000 lb. capacity to absorb momentum caused from landing gear collapse.



TS-2000 Trailer Stand

Maintenance-free with a 100,000-pound capacity, only ONE is needed to prevent spotted trailer tip-over and landing gear collapse.

Dock Safety Invented...

Don't Fall for Unsafe Docks

Unexpected trailer separation, air-ride suspensions, detached trailers and trailer movement can cause catastrophic accidents, putting your people at risk for serious or fatal injury. In 1980, Rite-Hite created the vehicle restraint industry and today has more installations worldwide than any other manufacturer.



Shadow Hook Dok-Lok®

The shadow hook design helps prevent all types of trailer separation accidents on all types of trailers. It is the only vehicle restraint available that incorporates hooking capabilities of a rotating hook and a vertical barrier, providing you the safety of two hooks in one.



Non-Shadow Hook Dok-Lok™

The exclusive rotating fish hook design helps prevent all types of trailer separation accidents caused by standard RIG dependent trailers.



Recessed Vertical Barrier Dok-Lok®

Recessed pit stored design accommodates all types of trailers. The vertical barrier helps prevent trailer separation accidents cause early departure and trailer creep.



Vertical Barrier Dok-Lok®

Low-profile design accommodates all RIG dependent trailers. The vertical barrier helps prevent trailer separation accidents cause early departure and trailer creep.

...and Reinvented by Rite-Hite®

**PROBLEM: Trailer Drop**

Trailer Drop is the vertical trailer movement that occurs due to the weight of lift trucks traveling in and out of unstable trailers, especially those equipped with air-ride suspensions. Trailer Drop causes:

- Whole Body Vibration from the trailer bounce, resulting in forklift driver back and neck injuries
- Product damage
- Dock seal and bumper damage



For more information, visit
www.smoothdok.com.

SOLUTION: Stabilizer Dok-Lok® Vehicle Restraint

- Stabilizes trailer using durable hydraulic cylinders to minimize trailer drop, creating a smoother transition
- Reduces whole body vibration to forklift drivers by restricting trailer movement
- Like all Dok-Loks, helps to prevent catastrophic trailer separation accidents including:
 - Unscheduled Departure
 - Dock walk/trailer creep
 - Trailer tip over
 - Trailer upending
 - Landing gear collapse
- Reduced trailer movement minimizes wear-and-tear and extends life expectancy of all other dock components

**Global Wheel-Lok™**

The Global Wheel-Lok™ vehicle restraint is a surface mounted powered Wheel-Lok designed to secure trailer type, with or without a rear impact guard (RIG) to the dock. It engages the driver's side rear tire with an integral 20" high steel barrier.

**Manual Wheel-Lok™**

The Manual Wheel-Lok™ vehicle restraint is surface mounted designed to secure trailer type, with or without a rear impact guard (RIG) to the dock. It engages the driver's side rear tire with an integral 19" high steel barrier.



Light Communication System



Universal Restraint Controller

Dok Commander
Controller Systems

Rite-Vu™ Hazard Recognition & Control

Protect people inside and outside at the loading dock.



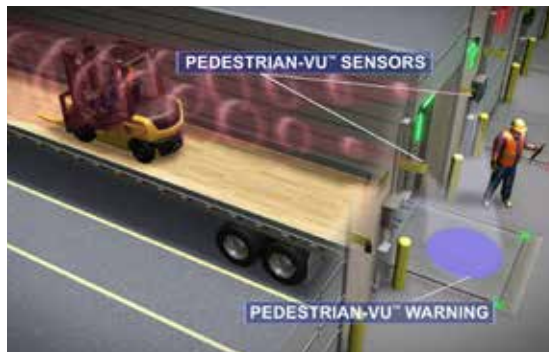
Corner-Vu™

Provides a clear, immediate Dok-Lok status to the forklift driver before entering the trailer.



Leveler-Vu™

Confirms Dok-Lok status to the forklift driver while inside the trailer.



Pedestrian-Vu™

Pedestrian-Vu™ detects activity inside of a trailer by utilizing sensors on each side of the dock door aimed inside of the trailer. If motion is detected, an intense, flashing blue light is emitted onto the leveler which warns dock personnel to proceed with caution.



Motion Sensor



Blue Light Warning

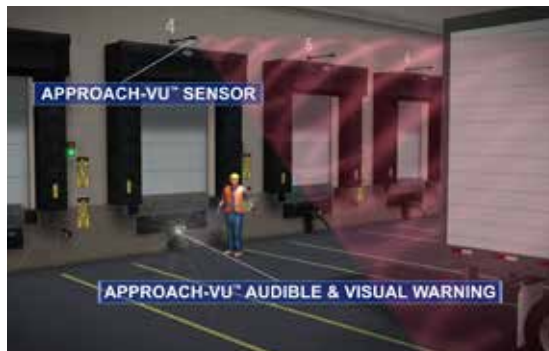


Lok-Vu™

Lok-Vu™ utilizes a single or dual outside camera view which is displayed inside; the single camera design helps confirm the hook is securely engaged while a dual camera configuration helps confirm the hook is securely engaged and a trailer stand is placed under the front of the trailer.



Exterior Camera



Approach-Vu™

Approach-Vu™ utilizes a light and horn system to present a clear visual audible warning to pedestrians in the active approach when a backing vehicle is detected.



Motion Sensor



Audible & Visual Warning

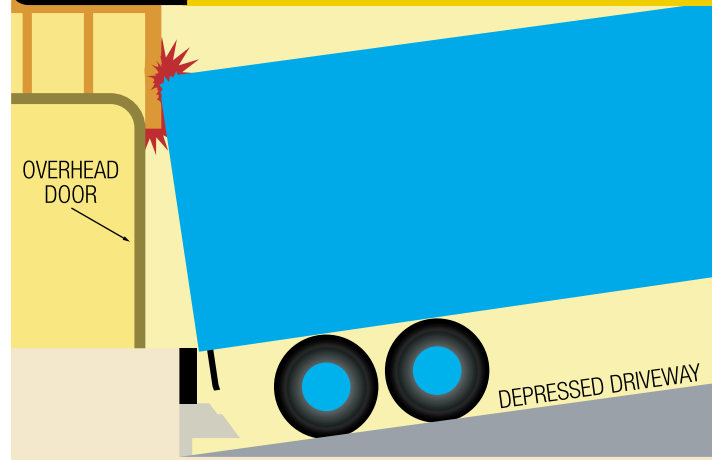
Dock Bumpers Minimize Building & Equipment Damage

Damaged, missing or misapplied loading dock bumpers don't protect you from the impact of backing trailers—costly impact that crumbles buildings, damages equipment and causes dock downtime.

PROBLEM: Damaged or Missing Dock Bumpers



PROBLEM: Decline Dock Approach



SOLUTION: Heavy-Duty Dock Bumpers



Dok-Saver™

- Unmatched 10-year warranty: Patented design endures trailer impact and abuse, year after year
- Withstands 75,000 pounds of trailer impact pressure
- Distributes load pressure through high carbon steel cap and back plate, minimizing anchor and concrete problems

Steel Faced

- Use in dock areas where excessive friction occurs.
- Durable and long-lasting with a 5-year warranty.

Laminated

- Available as flat plate for use with dock levelers, angles for most other applications.
- Reinforced rubber pads, 4" or 6" projection.
- 2-year warranty.

SOLUTION: Cantilevered Leveler & Raised Bumpers



Rear Spacer



Raised Bumper Box Bracket

Upgrade Productivity and Safety

While we'd love to help you find a new, state-of-the-art piece of equipment to replace an outdated, unsafe or damaged one, upgrading or converting your existing equipment is another cost-effective option to increase safety and productivity at your facility—even if you're using our competitors' products!



PROBLEM: Pull-Chain Dock Levelers

Mechanical dock levelers present ergonomic issues associated with chain-pulling and walking down the leveler, plus support leg interference prevents the platform from following the vertical moving truck bed while loading.



SOLUTION: Hydraulic Conversion Upgrade

Increase safety, improve employee ergonomic issues and eliminates support leg interference by converting your mechanical loading dock leveler to a hydraulic leveler.



Hold-Down System Upgrade

Minimize "Pop-up," a dangerous situation that occurs when the mechanism holding the dock leveler in the down position fails and it unexpectedly "pops-up" to the raised position. This unique hold-down system upgrades competitors' levelers, too!



Hydrachek Lip Control System Upgrade

Maximize dock safety by eliminating "locking dogs," complicated "walk-down" mechanisms, and the potential of two people positioning the leveler lip. The shock absorber system is slow and smooth, reducing shock, wear and leveler maintenance, and can be retrofitted to most manufacturers' levelers.



PROBLEM: Unoccupied Loading Docks

Vacant loading docks are dangerous for forklift drivers and other dock personnel and many dock levelers are not equipped to provide drop-off protection.



SOLUTION: Safe-T-Lip® Upgrade

When the Safe-T-Lip is in the stored position, it provides a steel barrier that withstands the impact of a 10,000 fork truck traveling at 3 to 4 mph.

| Get the Most Out of your Vehicle Restraints! |



Stabilizer Dok-Lok® Upgrade



Raise your loading dock safety standards and increase loading and unloading efficiency at a discounted price: Trade in your existing Dok-Lok for credit toward an industry-changing new product! The Stabilizer Dok-Lok is a revolutionary new vehicle restraint that limits both horizontal and vertical trailer movement (See page seven for complete details). Your Dok-Loks are great, the Stabilizer Dok-Lok is even better. Contact W.E. Carlson Corporation for complete details.



Shadow Hook Dok-Lok Upgrade

Increase the range of your existing Dok-Lok to handle today's broader range of truck heights and designs and reduce maintenance costs. We can:

- Replace the carriage, axles or motor
- Update communication system to include an audible alarm override, outside lights, or LED lights
- Add a new control box to integrate all loading dock control components at a single position

Full Access Loading at the Lowest Lifetime Cost

BOTTOM LINE:

Lack of or loss of environmental control through an unsealed loading dock door COSTS YOU MONEY. Safety and productivity problems on the loading dock associated with unprotected openings include:

- Employee discomfort
- Energy loss
- Theft or security concerns
- Product damage or contamination
- Insect infiltration
- Slippery or dangerous conditions

Dock seals and shelters are structures that surround the top and sides of a loading dock door opening, protecting your facility, employees and product from the elements.



Eclipse™



Creates a tight seal along full width of the trailer, using an innovative gravity weighted head curtain with unique pocket system blocks gaps and maintains constant contact during trailer bounce.



Eliminator™-GapMaster™



Loading efficiency with maximum energy savings: Exclusive hooks block hinge gaps





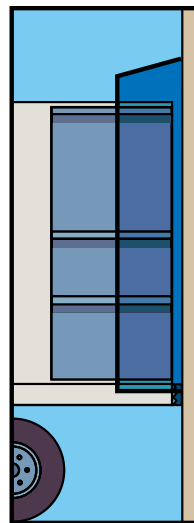
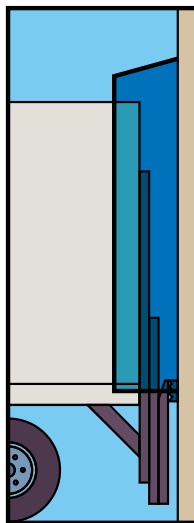
Eliminator™ 



Full access to loads without shelter damage



ComboShelter™ 



Service standard, liftgate and specialty trailers at same dock position

| Additional Rite Hite Shelters |



Survivor™

Impactable shelter can sustain trailer hits, thanks to the most advanced technology available: Virtually indestructible Neotec[™] HMWPE side-frame technology.



WG-410

Rigid-frame shelter provides a form-fitting perimeter seal for the top and sides of docked trailers.



Rail-Dox

Available in a mechanical or inflatable model, with three or four sides, depending on sealing requirements.



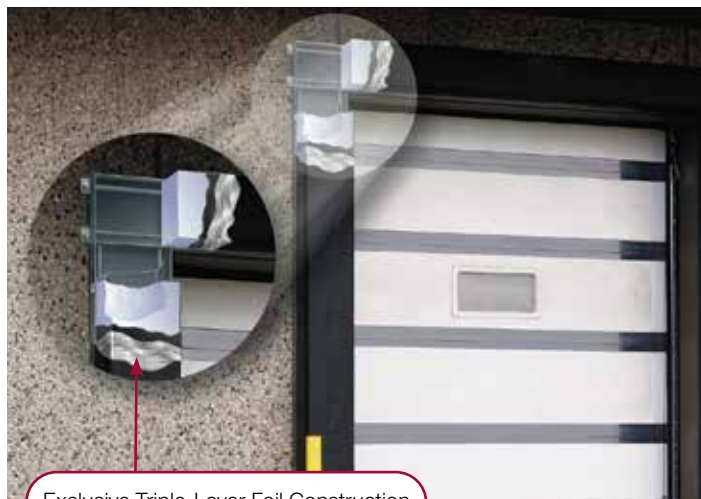
Protect Your Facility From The Elements

Loading Dock Fires: Is Your Company at Risk?

Fires on the loading dock have risen dramatically since 1999, corresponding with the enforcement of NHTSA regulations requiring trailer marker lights. Hot trailer marker lights can spark a fire in 20 minutes, endangering employees and destroying trailers, property and products. The triple-layer foil construction of Rite-Hite's fire-resistant **FIREFIGHTER™** Header Seal dissipates the heat from trailer marker lights, preventing the excessive heat build-up that can lead to devastating dock seal fires. Fire-retardant foam materials are NOT enough.



SOLUTION: **FIREFIGHTER™** Header Protection



Exclusive Triple-Layer Foil Construction

FIREFIGHTER Header protection comes **STANDARD** on the Performance Dock Seal!



Performance Dock Seal



Step up to Performance. For the most durable, longest lasting dock seal available, consider the Rite Hite Performance Full-DURATHON™ reinforcing on the front and inside surfaces of the side pads eliminates the need for wear pleats altogether and protects against damage from forklifts and loads. Standard **FIREFIGHTER** header provides both protection from burning, and rugged resistance to damage and wear.



Classic Dock Seal



Classic Dock Seals are part of Rite-Hite's unique lineup of high quality foam compression seals, available in a variety of configurations for different sealing efficiency and long-term durability requirements.



PROBLEM: Dangerous Conditions & Product Damage

Rainwater runoff from the top of the trailer onto the dock—especially with a decline approach—ruins product and creates slick, dangerous conditions for your employees.



SOLUTION: Frommelt RainGuard™ Header Seal

Protects your dock, employees and products by blocking the water out front before it becomes a problem.



PROBLEM: Open Leveler Pit

Insects, debris, rain and snow can enter your facility, while expensive heating and cooling energy escapes, through the air gaps where the dock leveler, truck and dock enclosure meet.



SOLUTION: PitMaster™ Under-Leveler Seal

Complete the seal at your loading dock. The PitMaster seal goes beyond standard dock leveler weather seals to close off the pit and seal up the air gaps, reducing energy loss and pest and debris problems.

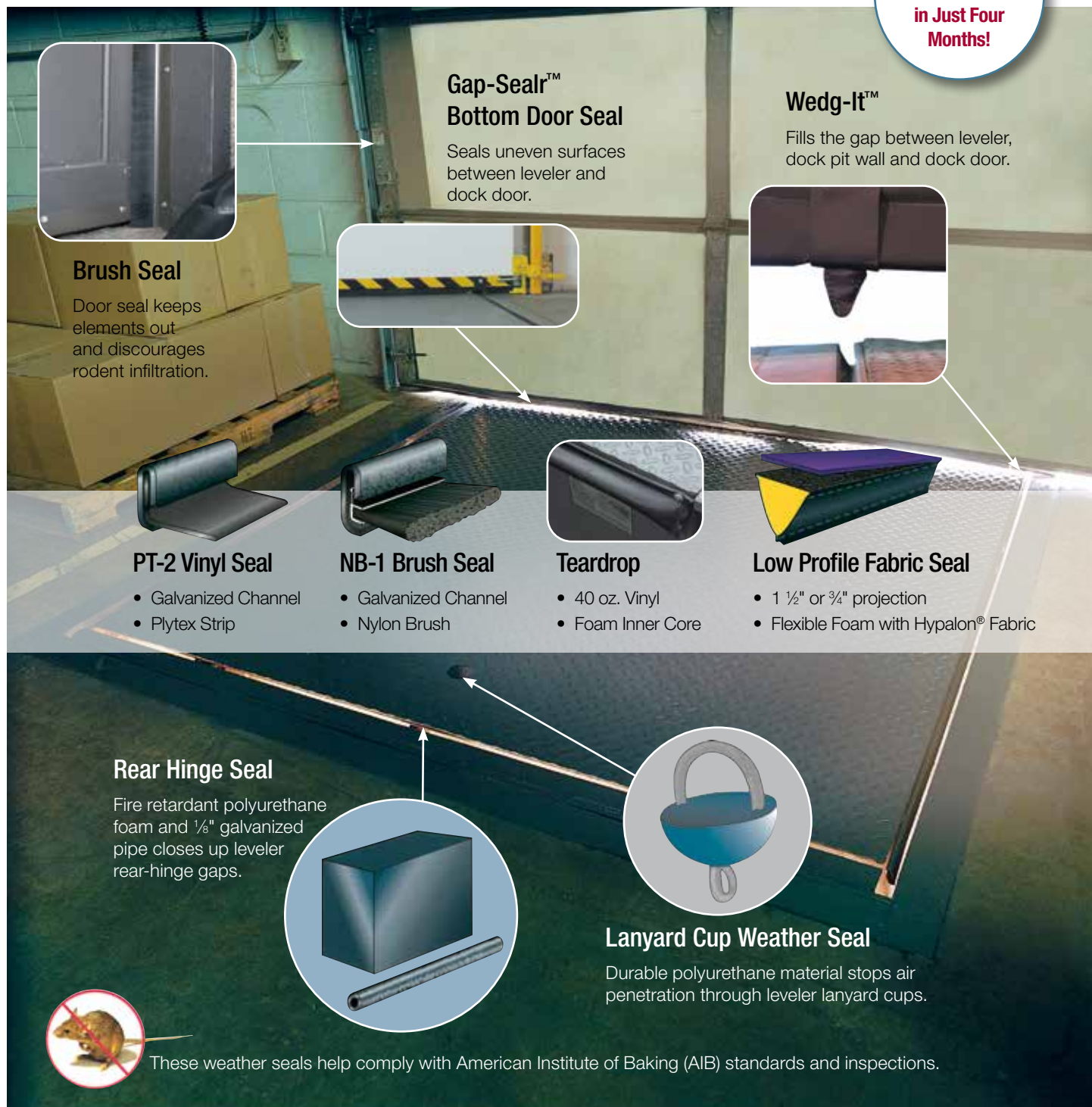



Reduce Energy Costs with Weather Seals

Together, gaps created between the dock leveler, door and loading dock pit wall are equivalent to a 2.5 sq. ft. hole in the wall, costing you \$557 a year in increased energy expenses!

(Based on a Midwest climate.)

Weather Seals Can Pay for Themselves in Just Four Months!



Brush Seal

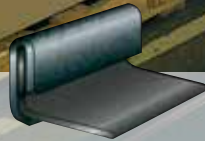
Door seal keeps elements out and discourages rodent infiltration.

**Gap-Sealr™
Bottom Door Seal**

Seals uneven surfaces between leveler and dock door.


Wedge-It™

Fills the gap between leveler, dock pit wall and dock door.




PT-2 Vinyl Seal

- Galvanized Channel
- Plytex Strip




NB-1 Brush Seal

- Galvanized Channel
- Nylon Brush



Teardrop

- 40 oz. Vinyl
- Foam Inner Core




Low Profile Fabric Seal

- 1 1/2" or 3/4" projection
- Flexible Foam with Hypalon® Fabric


Rear Hinge Seal

Fire retardant polyurethane foam and 1/8" galvanized pipe closes up leveler rear-hinge gaps.



Lanyard Cup Weather Seal

Durable polyurethane material stops air penetration through leveler lanyard cups.



These weather seals help comply with American Institute of Baking (AIB) standards and inspections.

Loading Dock Accessories

From dock fans and wheel risers to full-blown concrete pit or ramp construction, W.E. Carlson Corporation is your one-stop resource for everything you need to improve your facility's safety, efficiency and productivity.



Mobile Loading Dock Ramp

Allows businesses to add a Loading Dock virtually anywhere and still experience the safety and performance capabilities of a permanent loading dock.



Dock to Ground Ramp

Prefabricated steel ramps that can be permanently installed as a fixed position ramp to provide dock to ground access from inside a building to the exterior driveway.



Field Adjustable Wheel Risers

Hinged ramps are bolted or welded down after setting the raise height at the dock; wheel guides are optional.



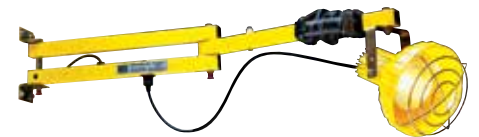
Rite-Lite Flex Neck LED Dock Light

This dock light offers enhanced flexibility and adjustability when lighting a trailer or container at the loading dock.



Rite-Lite HD-LED Dock Light

This dock light offers energy efficiency as well as a heavy-duty design for abusive applications.



Cool Head™ Lamp

Its cool-to-the-touch, high-impact polycarbonate head rebounds from crushing blows and its flexible arm withstands impacts.



Portable Dock Plate

Compensate for height differences between dock and truck.



Reflecto Guides

Illuminating system that makes backing and spotting trailers easier, and can be used to mark other potential problem areas like gates, hazardous corners, posts or columns.



Wheel Chocks

Made of cast aluminum, rubber or urethane, wheel chocks minimize accidental trailer movement from fork truck jolts and vehicle brake failure.



Coolman Dock Fan

Its unique bracketing allows service to two loading dock openings, swivels and pivots to allow for directional air flow, and moves out of the way for full access fork-truck traffic.

High-Quality Doors, Lowest Lifetime Cost

W.E. Carlson Corporation has found the old saying “you get what you pay for” to be custom-made for describing the industrial door industry. We pride ourselves in offering customers the best possible combination of equipment price, value and service, and our industrial door business is no exception. Will you find cheaper doors out there? Absolutely. But buyer beware: That “cheaper” door will cost you more over the life of the equipment. You’ll have to replace it sooner and it will cost you more in repairs and lost productivity.

The doors we carry are backed by years of design and engineering excellence, designed to boost your bottom line by reducing or eliminating repair and maintenance costs and increasing facility productivity over the life of the door.

PROBLEM:

Costly Impact Damage, Door Downtime & Employee Safety Hazards



SOLUTION:

W. E. Carlson Industrial Doors



Impactable Overhead Sectional



FasTrax™ High Performance



Ventilation



Security



High-Speed



Cold Storage

A New Standard in Sectional Doors

Impactable dock doors are designed to take a hit so your budget doesn't.



**Doors
That Pay For
Themselves
After Just One
Impact.**



MxV™

The next generation knockout dock door.



PxV™

Performance and value in a knockout dock door.

Energy-Efficient Insulated Doors



ThermaSeal™

100% of the door's interior space is filled with polyurethane foam to deliver exceptional R-values and structural integrity.



Thermospan®

Features a continuous formed-in-place polyurethane core and two roll-formed struts per section for maximum insulation and strength.



Insul-Rite™

Continuous polyurethane separates the inner and outer steel skins so virtually no heat or cold is conducted through the section, preventing condensation and frost on the panels.

Rite-Flex Universal Replacement Panel



Replace damaged panels with the Rite-Flex Universal Replacement Panel! The fully impactable Rite-Flex can be retrofitted to most existing sectional doors up to 12' 2" in length, and can be used to replace bottom, intermediate or top panels.



Highly Versatile High-Performance Doors

The revolutionary FasTrax High-Performance Industrial Door puts a new spin on door flexibility, performance and uptime. Designed around a single operational platform, FasTrax doors can match any interior, exterior, high-wind, cooler or freezer door application—reducing the complexity of maintaining multiple door models in one facility.

FasTrax™ Industrial Door



Lift track configurations fit for any installation challenge

Minimize costly building modifications: perfect for small footprints and hard-to-configure openings.



High Lift



Standard Lift



Vertical Lift

Re-feeds itself on the fly

Keep downtime to a minimum with the only door on the market with TRUE Auto Re-feed™ — there's no need to reset the door at the control box after accidental impact.



FasTrax™ XL



FasTrax™ CL



Exclusive Traxion drive system

Door is driven up and down by the semi-rigid curtain edge at operating speeds from 48 up to 100 inches-per-second, without the need for counterweights, springs or pulleys. Fewer moving parts mean less costly repairs and a more reliable, trouble-free performance.



Safest door on the market

Multiple safety features include: standard Soft-Edge™ technology that protects personnel from injury, minimizes product damage and ensures a tight bottom seal; thru-beam photo eyes that reverse door downward motion if the opening is obstructed; optional vision panels that provide a clear view of oncoming traffic.



LiteSpeed™ Door

A cost efficient, reliable, soft-edged curtain door providing productivity, impactability and safety.



LiteSpeed™ Clean Door

cGMP, FDA & USDA Compliant - Designed for clean interior openings



SplitSecond™ Bi-Parting Door

A Bi-Rolling Door that opens side-to-side from the center at speeds of 120" per second.



SplitSecond™ Clean Door

cGMP & FDA Compliant - Designed for clean room environment. Smooth curtain fabric and stainless steel components allow for easy wipe down.



FastTrax™ XL Door

Designed for exterior doorways and large interior openings. Its fast operating speed, combined with a simple, low-maintenance design, make it a cost-effective choice.



TrakLine™ PLUS Fold Door

The largest door we offer, ideal for large exterior openings that require high-speed, high cycle operation.

Door Activation Devices



Motion Detector



Pull Cord Switch



Push Button

Controller & Close Timer



Graphic User Interface Controls (GUI)



LED Countdown Timer

Insulate Profits with High-Performance Cold-Storage Doors

Cooler or freezer applications historically either provided fast access and flexibility but had limited sealing capability, or they provided a good seal but were slow to open and easily damaged. Now you have new choices that offer high-speed operation, tight seals, heavy insulation and impactability to reduce energy costs and increase productivity.



FasTrax™ FR Barrier® Cold-Storage Door

Available in multiple lift configurations to fit almost any opening with fewer building modifications. Operating speeds up to 100"/second increase productivity and maximize energy savings while a superior perimeter seal reduces the need for costly heat lamps and air curtains. The unique Thermal-Flex Sealing and R-4 InsulMax curtain make the FasTrax FR the energy-efficient way to handle your toughest cooler and freezer applications.



Barrier® Glider

Combines fast operation and a superior seal with two panel choices to fit your specific application requirements. ISO 9001 certified. Simple straight forward design combines fast operation (up to 60"/second) and a superior seal with flexible 3" insulated panels and patented Thermal Air Sealing System to fit your specific application requirements.

Improve Vehicle Traffic Flow and Pedestrian Safety



Light- and Heavy-Duty Impact Doors



We carry an extensive selection of interior, exterior or cold-storage impact doors ideal for pedestrian, cart or forklift traffic.



Pedestrian Door



From stainless steel to louvered, high-security or weather resistant, we offer pedestrian, or "man" doors, to fit most industrial and ventilation applications.



Leave Theft and Fire Concerns at the Door



Rolling Steel Door: Fire or Insulated

Whether you have a high security or oversized application, or require a listed fire door in a rated fire wall, rolling steel doors open and close smoothly and coil rapidly into a compact housing, leaving the opening free of traffic obstructions.



Roll Steel Counter Shutter

Designed for a variety of common applications or fire rated applications rolling counter shutters provide reliability and durability to meet or exceed the requirements of daily use.



Expanded Metal Security Door

Allow ventilation without compromising security.



Rolling Steel Grille

A contemporary look providing protection against theft and vandalism.



Chain-link Security Door

Cost-Effective way to add security, cooling, and ventilation.



Folding Gate

An affordable and easy-to-install security door option.

Cost Control Through Environmental Controls

PROBLEM: Open Loading Dock Doors



- Encourage product to “walk away”
- Create a dangerous scenario for employee and forklift accidents
- Allow birds and bugs to nest in your facility

SOLUTION: Screen Doors/Replacement Panels

Install a screen door to increase ventilation, deter theft and vandalism, improve employee safety by creating a visual barrier, and keep insects and birds outside. We even carry a line of doors appropriate for food industry applications.



Fabric Screen Door



Perforated Slat Screen Door



Sectional Screen Door

Fans by Rite-Hite



Revolution™ Fan

A high-volume, low-speed industrial ceiling fan that's just pennies-an-hour to operate and can lower your energy costs by up to 30%, all while keeping employees more comfortable—and productive.

- Precision-manufactured hub for unparalleled strength and performance
- Simple operation with adjustable speed and on/off switch
- Sizes: 8', 12', 16', 20' and 24' diameter
- Available in 2 or 4 blade configuration
- One-year Customer Satisfaction Money-Back Guarantee and a 10-year Structural Integrity Warranty



Rogue™ Fan

Rite-Hite's original two-blade HVLS fan sets the standard for low-cost, energy efficient climate control. It provides the same benefits of the Revolution® with slightly less airflow. Featuring blade diameters up to 24 feet, it's ideal for large facilities with high ceilings where destratification is the primary objective.

- Provides airflow up to 315,000 CFM
- Covers 22,000 sq. ft., moving air up to 85' in all directions from the center of the fan



25, 75 or 150 Series Fan

Climate control with direct drive technology. Fan does not require oil. Motor is nearly silent operating between 38 to 42 dBA, depending on fan speed. Ideal for food applications and environments with sound concerns.



Fan-Commander-2.0™

A touch screen control station that allows for operation of up to 24 fans from a single location.



Coolman® HVHS

Improve productivity by reducing effective temperatures.



Unique Propell-Aire™ blade design moves more air with fewer blades than typical extruded blade fans



Resilient blade/hub connection is designed to absorb more than 10 times the force and stress generated by the fan.

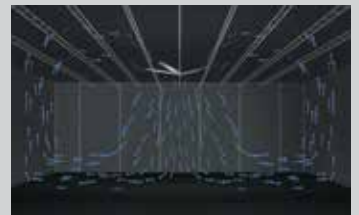
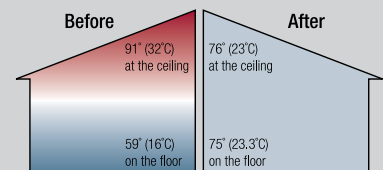


Illustration is simplified because actual flow patterns are complex and difficult to depict.



A six-month ROI? COOL!

The Revolution Fan could pay for itself in as little as six months by keeping temperatures consistent from floor to ceiling.

Barrier Systems for Any Budget

Protect Employees. Define Work Areas. Reduce Equipment Damage. A Painted Yellow Line Isn't Enough.

W.E. Carlson Corporation offers a complete line of area protection products to improve forklift and pedestrian safety.



Guardrail System

Available in one-and two-line configurations. Standard lengths range from 4' to 12'. Standard heights range from 14 3/4" to 42". Custom configurations are available to meet specific guarding requirements.



GuardRite® Heavy Duty Steel Barrier

Designed to absorb impacts up to 30,000 lbs. GuardRite helps prevent forklifts, sweepers and other in-plant vehicles from injuring employees and damaging facilities or equipment.



GuardRite® Light Duty with Sure-Stop

Sturdy PVC rails and steel posts offer a cost-effective way to separate work areas and walkways. Modular design makes it easy to adapt to many custom configurations. *Shown here with **GuardRite® Sure-Stop**, an 8"-high steel barrier that can withstand fork truck impacts.*



SpanGuard® Strap Barrier System

Unique, economical barrier that separates interior loading docks, large work areas or long walkways. Straps can span up to 60' between mounted steel posts and can be removed for unobstructed access.



See page 5 for Loading Dock Safety Barrier Systems.



Dok-Guardian™ LD Safety Barrier

Simple, easy-to-use safety solution used inside a facility to separate people from production equipment and material handling.



GuardRite® Safe-T-Gate™ Vertical Barrier

A cost effective personnel barrier that provides easy pedestrian access whenever needed.



GuardRite® Retractable Barrier

A rugged steel barrier that provides heavy-duty protection and stores flush with floor when access is needed.



GuardRite® Strap

A simple but powerful barrier. It's designed to provide protection in places where occasional unrestricted access is needed.



Gatekeeper™

Provides full time protection on mezzanines and elevated work areas.



Column Sentry®

Semi-flexible and stress-crack-resistant plastic barrier that minimizes the force of tow motor impact that can damage columns, supports, vehicles and operators.



Bumper Post Sleeve

A polyethylene thermoplastic sleeve that slides over existing guard posts, eliminating the need for costly scraping and painting.

High Quality Modular Building Systems

Mezzanines

Mezzanines create additional floor space by going UP not OUT, saving you the considerable cost of new construction.



Mezzanine



Mezzanine Office

Modular Offices

Maximize or sub-divide space, reduce noise and meet regulatory or industry standards with a number of different in-plant office solutions.



Shipping and Receiving Office



Two-Story Office

Pre-Fabricated Buildings

Pre-fabricated buildings come in all shapes and sizes. From rugged steel to the economy of aluminum, these buildings are easy to install, low-maintenance alternatives to starting from the ground up.



Guard Booth



Exterior Shelter



Exterior Shelter

Fabric Curtain Wall Systems for Any Application



Fabric Curtain Wall



Insulated Curtain Wall



Sliding Fabric Curtain Wall



Wash Down Curtain Wall



Accoustic Curtain Wall



Insulated Compactor Enclosure

Complete Vertical Lifting Solutions

W.E. Carlson works with Pflow, the industry leader in complete vertical lifting solutions, to offer customers the safest, most effective vertical lifts available today. Your W.E. Carlson salesperson and Pflow engineers will assess your needs and design a system specific to your situation. Whether you need to move 20 lbs or 200,000 lbs, have a through-floor or mezzanine environment, or need a fully automated material-handling system, we can help.



Mechanical Vertical Lifts

Designed to transport heavy loads— from 8,000 to more than 30,000 lbs— between two or more levels.



Hydraulic Vertical Lifts

Available in straddle or cantilever design, hydraulic vertical lifts provide reliable and economical vertical lifting for mezzanines, balconies, and other two-level applications.



Package Handling Lift

Ideal for high-speed applications that require light-duty lifting of boxes, cartons, packages, totes, containers or cases. Perfect for use in an automated system.

Safety Warning System



Safe-T-Signal Warning System™

Help prevent accidents where people and material handling equipment share the same space in your facility. Unidirectional microwave sensors differentiate approaching traffic. Designed for four-way, three-way and two-way intersections. Adjustable detection zone and sensitivity. Optional remote signals and sensors are available.



Rack Repair & Prevention Products

To fit any type of racking

So Permanent... it's **GUARANTEED FOR LIFE** against impact.



Minimal to **NO UNLOADING OF RACK REQUIRED...**

Our proprietary lifting system acts as a temporary support while the racking is being worked on. That level of efficiency and speed is a lot less disruptive than upright replacement.

Keep Employees Safe with Machine Guarding



Defender™ Automated Barrier Door



Roll-Top™ Barrier Door



SlideAir™ Pneumatic Safety Curtain



SlideAir™ Pneumatic Safety Curtain



RoboGuard™ Fixed Barrier Fencing



FlashFold™ Automated Barrier Door



FlashFold™ Automated Barrier Door

Speed Up Production and Keep Employees Healthy

Less heavy lifting and faster and safer processing of materials and products increases productivity and reduces potential for employee back injuries.



Scissor Lift

Designed to reduce worker fatigue and risk of serious injury.



Turntable

Give workers the ability to turn the worktable instead of walking around it, increasing productivity and minimizing potential for injury.



Work Station Jib & Hoist

Ideal for supporting tool or air balancers, hoists or vacuum lifts at an individual work station.



Portable Lifters

Products range from light-duty, foot-pump powered lifts that are ideal for small parts, to self-propelled skid lifts for heavier loads.



Drum Dumper

Customized to your needs, drum dumpers have fully enclosed sides to add stability, avoid spillage and accurately funnel products.



Articulating Jib

Versatile enough to move loads around corners, reach into machines or doorways, and swing under obstructions.



Tilter

Used independently or mounted to a scissor lift, tilters bring small parts or hard-to-reach items within easy reach, reducing potential for employee back injuries.

VacuMove™

Use the power of air combined with a hoist and crane system to move light-to-heavy loads safely and efficiently.



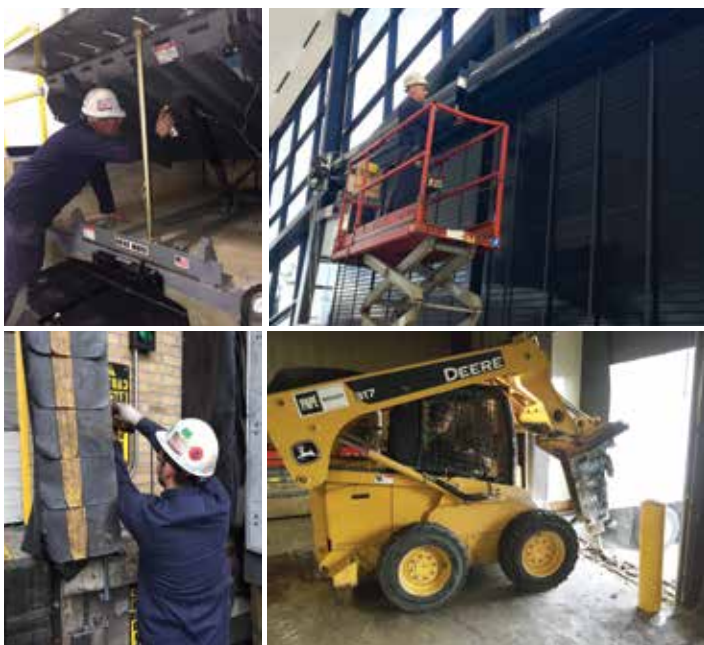
Product Showroom

Investigate Before You Invest. Located just minutes from Chicago-area expressways, our 3,500 square-foot showroom in Elk Grove Village is a unique opportunity to investigate the latest and greatest loading dock, industrial door and in-plant solutions, all in one place, all at one time. You don't need to wait for a trade show to roll through town to find out how our products stack-up against the competition!



Loading Dock and Door Service

What happens after you purchase is as important as the purchase itself. W.E. Carlson Corporation's commitment to making your operation safer and more productive doesn't end with your equipment purchase. We have the largest company-owned service department in the area, with more than 20 fully stocked trucks—more than double our nearest competitor—staffed by factory-trained, certified technicians.



Why W.E. Carlson Service?

- Geographically based service force improves response time and minimizes travel time
- Our impeccable company safety record is recognized by insurance companies and the industry
- Because safety record, knowledge and training are crucial parts of service technician evaluation
- Low turnover means our technicians become familiar with your unique environment
- Our trucks are replenished daily with original manufacturer's factory parts to ensure high quality repairs, longest life and best value
- Our trucks are stocked with the parts to meet most of your repair parts requirements the first time around
- One year warranty on all repairs

Plus, we offer a wide range of services:

- Equipment Installation
- Service & Repairs
- Upgrade & Conversion Kit Installation
- Planned Maintenance Programs
- Concrete Pit Construction & Repairs
- Dock Construction & Modifications

“Many people look past service; however, we look at the lifetime cost of a product. Maintaining the product is key to keeping the lifetime costs minimized.”

— Planned Maintenance Program Customer



We even service competitors' products!

Planned Maintenance Program

The condition of your loading docks and doors is critical to your company's success. Keep them healthy with the W.E. Carlson Corporation Planned Maintenance Program.

DOCK & DOOR THE DOCTOR IS IN

Your loading docks and doors need routine inspections and regular cleaning and lubrication to extend useful life and maximize performance. Our **Planned Maintenance Program** is customized to your company's needs, based on the type of equipment installed and the projected wear-and-tear on your dock and doors.

Planned Maintenance Program Benefits

Maintain a Healthy Bottom Line

- Receive a FREE evaluation of your loading dock equipment—anytime!
- Save money on parts and labor
- Avoid expensive repairs by detecting issues before they become problems
- Ensure your product warranty is honored
- Minimize capital expenditures by extending the life of existing equipment
- Maximize facility efficiency and productivity by eliminating costly downtime
- Reduce direct-labor costs

Protect Your Employees

- Factory-trained service technicians provide operating and safety instruction to your personnel
- Properly operating equipment reduces risk of on-the-job accidents

Ensure Your Sanity

- Unforeseen service needed? Don't panic. PMP customers enjoy preferred service rates and priority scheduling
- Inspections and routine service dates are scheduled upon contract signing; no follow-up necessary
- Records of services performed and technician findings provided after every visit
- Peace-of-mind knowing certified specialists maintain a critical link in your company's supply chain

"Planned Maintenance gives me the peace-of-mind that our equipment is running at full capacity and is worked on by certified, trained professionals."

— Planned Maintenance Program Customer





Quality Products Since 1973

Chicago: 847 640 0011 • Fax: 847 640 1123 • www.wecarlson.com