



IDEAL WAREHOUSE
INNOVATIONS INC[®]

Protecting Your People

DOCK BUMPERS



500+ SKUs | Ready to Ship

Long-time leaders in the dock bumper market, Ideal Warehouse Innovations has the ability to offer on-demand shipping for more than 500 dock bumper SKUs, warehoused across North America to facilitate quick-ship deliveries. Four product lines, plus customized accessories, ensure we can offer the best solution for virtually any dock environment.

SLIDE-EFFECT™
OUR TOP-DOCK
RECOMMENDATION!

STEEL-FACED
STRONG AS...
STEEL

LAMINATED
THE
WORKHORSE

MOLDED
A LIGHT TRAFFIC
CHAMPION



LEADERS IN LOADING DOCK BUMPERS

Loading dock bumpers are critical components of your warehouse protection plan and can help prevent major damage to vehicles, docks, dock equipment, and buildings. Ideal Warehouse Innovations' offer best-in-class features across our enormous range of dock bumper options.

DOCK BUMPERS ARE NOT ALL CREATED EQUAL

When you think about the job dock bumpers do (they get hit by trucks over and over... and over), paying as little as possible for them would seem to make sense. The question is, by saving a little now, will you be paying a lot later? The answer for high-traffic docks, is that the right bumpers can save money, reduce maintenance, avoid dock closures and minimize hassle long past the purchase period.

- ▶ **BETTER PROCESS**
- ▶ **BETTER BUMPER**
- ▶ **BETTER FOR THE ENVIRONMENT**

- 1** Ideal Warehouse Innovations controls every aspect of the dock bumper production process. We cut, laminate, bend, weld and more, all in the name of ensuring the highest quality bumpers.
- 2** Most of our rubber bumpers are built from the toughest/most durable engineered rubber available – recycled truck tires. Truck tire vastly outperforms recycled conveyor belt material and molded rubber products.
- 3** An environmental choice, for every bumper we create, two tires are kept out of landfill.

THE COST OF DOCK REPAIRS

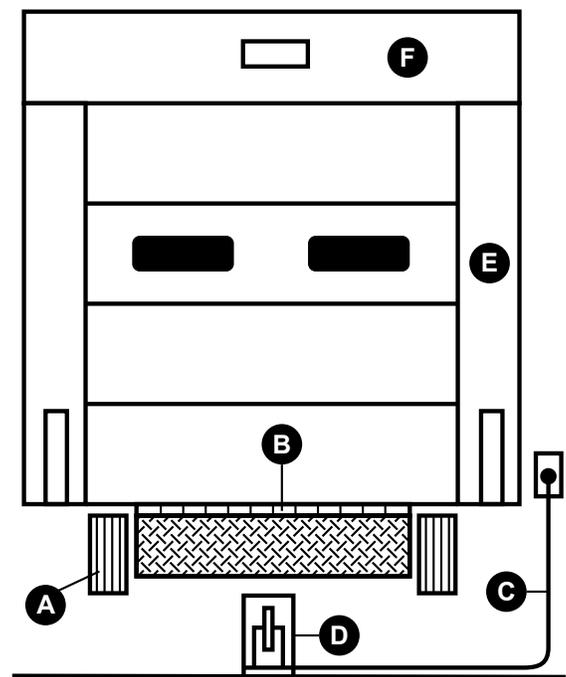
(A reminder from the product that helps you avoid them.)

DOCK BUMPERS SAVE DOCKS. AND TRAILERS. AND MONEY.

Properly positioned and maintained, dock bumpers protect: trailers being loaded, the loading dock (including concrete foundation), and all dock equipment (eg dock leveler, dock seal, etc.) The damage that results from an inadequately protected dock can add up fast.

- A** DOCK BUMPER
\$200-400
- B** Dock Leveler Lip
\$2000-4000
- C** Truck Restraint Electrical
\$500-1000
- D** Truck Restraint Components
\$2500-5000
- E** Dock Seal or Shelter Sides
\$1000-2500
- F** Dock Seal or Shelter Header
\$1000-1200

*Prices noted are estimates for example only.



THE LAST BUMPER YOU WILL EVER NEED...

DOCK BUMPERS SHRED LIKE CHEESE...

UNLESS YOU APPLY THE SLIDE-EFFECT

The challenge for any dock bumper is less the "truck impact" (easy for us to say), than it is the abrasion caused during loading/unloading of the trailer. As the trailer rises and falls with the weight of the forklift and cargo, the truck/bumper contact point scuffs, scrapes and degrades. Over time, any bumper will wear away, literally shredded like cheese, to the point it no longer offers the protection your dock needs.



THE LAST BUMPER YOU WILL EVER HAVE TO INSTALL!!

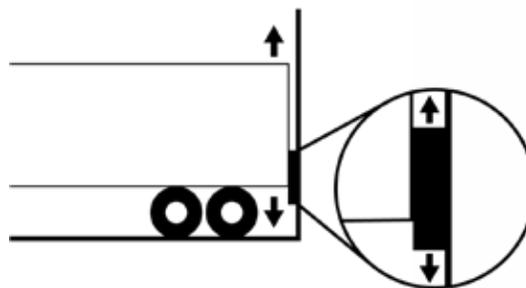
Our new SLIDE-effect™ dock bumper incorporates a slide mechanism within the bumper assembly. The 'spring & slide' action allows the bumper to move up and down with the trailer to limit abrasion and extend the life of your dock equipment while reducing service calls.

And, should the tough, impact-absorbing, reclaimed truck tire rubber pad in the SLIDE-effect™ bumper ever need to be replaced, it can be swapped out, inexpensively, in under a minute and without tools.



SLIDE-EFFECT™ MOVES WITH THE TRAILER

As a trailer being loaded moves up and down with the weight of the forklift, the SLIDE-effect™ bumper moves with the trailer without wearing the face of the bumper.



SLIDE-EFFECT™ DOCK BUMPER

THE DOCK BUMPER WITH MOVES

Covered by a Lifetime Warranty.

Our newest dock bumper is a revolution (not to mention an oscillation) in loading dock protection. The SLIDE-effect™ dock bumper absorbs the impact of the trailer reversing into its dock position, and features a built-in sliding mechanism to limit the effect friction and abrasion have on the bumper's life. With the optional Tilting Bracket, the SLIDE-effect™ can be manufactured with the perfect impact angle for declined docks.

**"The result is an ultra-tough, long-lasting bumper that pays for itself
In reduced maintenance, consistent protection, minimized dock repairs
And reduced dock closures." (We lost count but... Win-win-win-win?)**



SLIDE-EFFECTS™ MAY INCLUDE:

- Reduced abrasion
- Toughest engineered rubber laminate
- Anchors securely to dock foundation
- When the time comes (eventually!) bumper pad is replaced in seconds without tools or hassle

PROTECT AGAINST:

- Dock/concrete damage
- Dock seal rupture
- Dock leveler impact
- Dock downtime
- COSTLY REPAIRS

THE LAST BUMPER YOU WILL EVER HAVE TO INSTALL!!

SLIDE-effect™ Bumpers are installed with a permanent wall bracket and require little maintenance.



**TILTING
BRACKET
CUSTOM
INSTALLATION
OPTIONS**

**WHEN THE
TIME COMES
(EVENTUALLY!)
BUMPER PAD IS
REPLACED
IN SECONDS
WITHOUT TOOLS
OR HASSLE**



STEEL-FACED DOCK BUMPERS

STRONG-AS-STEEL LOADING DOCK IMPACT PROTECTION!

Covered by a 5-Year Replacement Warranty.

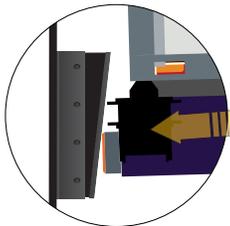
Our Steel-Faced Bumpers offer outstanding resistance to abrasion from the up and down trailer movement caused by forklifts entering/exiting the trailer. For use in high-traffic docks, the 3/8" (9.5 mm) heavy-duty steel face "floats" to allow the bumper to compress while providing high surface abrasion protection.

FEATURES

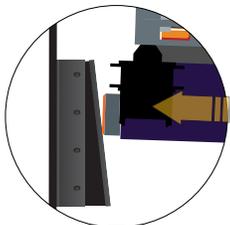
- Covered by a 5-Year Replacement Warranty*.
- 3/8" thick free-floating steel face, cushioned by durable rubber laminates, absorbs maximum impact.
- 100% recycled, fabric-reinforced rubber pads laminated between steel angles and secured with 3/4" rods.
- Over 140 standard sizes offer full range protection and application.
- Vertical, Horizontal and L-Shaped models on hand to guard against many trailer impact locations.
- Fastened to the dock surface through 1/4" steel side angles and/or flat plates, depending on the model chosen.

STANDARD SIZES

- Projections: 4", 5-1/4", 6", 6-3/4", 8" or 9"
- Vertical protection from 10" to 36"
- Horizontal protection from 12" to 34"

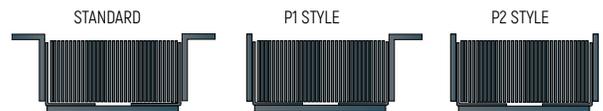


FREE FLOAT



INSTALLATION STYLES

- Standard Model: Angle both sides for anchoring
- P1 Style: Angle one side for anchoring, flat plate one side for welding
- P2 Style: Flat plate on both sides for welding
- Wall mounting hole size is 7/8" diameter. 3/4" anchor bolts or welding to dock steel are typical installation techniques



CUSTOMIZATION AVAILABLE

- Larger projections are available by adding steel extension brackets. Customized bracketing available for unique installation options.
- Custom sizes available with minimum quantities - contact Ideal Warehouse Innovations. *Certain conditions apply. Contact your Ideal Warehouse Innovations representative for all the details.

EASILY CHOOSE YOUR SPECIFIC MODEL AT WWW.IDEALWAREHOUSE.COM

LAMINATED RUBBER BUMPERS

THE WORKHORSE, TOUGH AND DURABLE

Laminated Dock Bumpers manufactured by Ideal Warehouse Innovations are a durable method for protecting docks in low to medium traffic applications. Manufactured from reclaimed, bias-ply truck tires, Ideal Warehouse Innovations' laminated bumpers outlast ordinary bumpers made from used conveyor belting. Additional durability is gained with robust, 3/8" thick steel angles as the structural anchoring point to the dock.



HORIZONTAL STYLE



VERTICAL STYLE



FEATURES

- Covered by a 2-Year Replacement Warranty*.
- Over 300 standard sizes offer full range protection and application.
- Vertical, Horizontal, Extra-Wide and L-Shaped models on hand to guard against any trailer impact locations.
- Reclaimed, bias-ply truck tire rubber pads laminated between steel angles and secured with 3/4" rods.
- Fastened to the dock surface through 3/8" steel side angles and/or flat plates, depending on the model chosen.

STANDARD SIZES

- Projections: 4", 6", 8", 9", 10" or 12"
- Vertical protection from 6" to 36"
- Horizontal protection from 12" to 10'4"

INSTALLATION STYLES

- Standard Model: Angle both sides for anchoring.
- P1 Style: Angle one side for anchoring, flat plate one side for welding.
- P2 Style: Flat plate on both sides for welding.
- Wall mounting hole size is 7/8" diameter. 3/4" anchor bolts or welding to dock steel are typical installation techniques.



STANDARD

P1 STYLE

P2 STYLE

CUSTOMIZATION AVAILABLE

- Larger projections are available by adding steel extension brackets.
- Customized bracketing available for unique installation options.
- Custom sizes available - contact Ideal Warehouse Innovations.

OTHER VARIATIONS



EXTRA-PROJECTION MODELS AVAILABLE. UP TO 12"!



EXTRA-WIDE MODELS AVAILABLE. UP TO 10'6"!

MOLDED DOCK BUMPERS

A LIGHT TRAFFIC CHAMPION

Molded Rubber Dock Bumpers by Ideal Warehouse Innovations are an economical method for protecting docks in low to medium traffic applications. Manufactured from reinforced prime rubber in several sizes, they can also be applied beyond the loading dock as rub rails along walls and impact protection from forklifts.



FEATURES

- Covered by a 1-Year Limited Warranty*.
- 15 different models can be applied in various applications.
- Reinforced prime rubber of Hardness 70 (± 5) (ASTM D2240)
- 95% impact recovery
- 8.3 N/mm² ($\pm 10\%$) Tensile Strength (ASTM D792)
- 1.2 g/cm³ (± 0.1) Density (ASTM D412C)

STANDARD SIZES

- Projections: 2", 3", 3.5", 4", or 6"
- Widths from 3.5" to 22"
- Heights from 4.5" to 30"

INSTALLATION STYLES

All molded bumpers have pre-drilled, countersunk mounting holes for easy installation, sized to accept $\varnothing 3/4$ " anchor.

CUSTOMIZATION AVAILABLE

- Larger projections are available by adding steel extension brackets.
- Customized bracketing available for unique installation options.
- Custom sizes available with minimum quantities - contact Ideal Warehouse Innovations.

MOLDED DOCK BUMPERS

MODEL	HEIGHT	WIDTH	PROJECTION
M2818	18"	8"	2"
DBE-10	10"	4.5"	3"
DBE-20	20"	4.5"	3"
DBE-30	30"	4.5"	3"
B	24"	12"	3"
T (T-Shaped)	22"	22"	3"
DB13	13"	10"	4"
DB13-T	13"	10"	4"
R (Edge of Dock)	13"	12"	4"
M-18	18"	10"	4"
L (L-Shaped)	18"	18"	4"
BB	24"	10"	4"
M-30	30"	10"	4"
M6-18	18"	10"	6"
TB-20	3.5"	6"	3.5"

DOCK BUMPER BRACKETING

If the impact height is to be ABOVE the dock there may be a need for Above Dock Riser Bracketing to be applied in conjunction with the appropriate dock bumper. Above Dock Risers can be ordered to include the appropriate dock bumpers welded to the brackets for easier, one-step installation.

Note: Trade-off may be necessary when considering Above Dock Riser Brackets as they intrude into the door opening and can interfere with the loading and unloading of trailers.



STANDARD RISER
Used in most applications.



STANDARD RISER WITH CUT OUT
Used in applications where the door opening is narrow and/or where minimum intrusion into the opening is acceptable to prevent interference with loading and unloading.



STANDARD RISER WITH EXTRA PROJECTION
Used in applications where extra bumper projection is required and the bumper of choice does not have enough projection.*



EXTENSION BRACKET
Used when the dock bumper projection must be increased and it cannot be accomplished by choosing the bumper size of appropriate projection. They can also be used to extend an existing bumper to the proper projection. Extension brackets can ship with the dock bumpers welded to them for easier one-step installation.**



MOUNTING PLATE
Used when the concrete at the bumper mounting location is damaged and preventing secure installation of dock bumper. The bumper mounting plate can be made wider and higher to allow fastening into more solid concrete. They can ship with the dock bumpers welded to them for easier one-step installation.

*Certain conditions apply. Contact your Ideal Warehouse Innovations representative for all the details.

**Always consult OEM specifications of other loading dock equipment installed at dock position (dock levelers, trailer restraints, dock shelters, etc.) for specific dock bumper protection requirements.

MORE SAFETY SOLUTIONS

Trailer Stands



Dock Lights



Wheel Chock Safety Systems



Portable Safety Zone



**IDEAL WAREHOUSE
INNOVATIONS INC.**
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SLIDE-effect™ patent pending. Many Ideal Warehouse Innovations, Inc. Safety Products are trademarked and covered by U.S. or international patents. Products may change without prior notice.
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