

# YOUR PALLET RACK SAFETY PARTNER

**DAMOTECH**

A technical line drawing of a pallet rack component, specifically a beam and column. The beam is shown at an angle, with a circular hole near its center and a larger circular hole at its end. The column is shown on the right side, with several square holes and a larger circular hole. The drawing is rendered in white lines on an orange background.

*The First and Largest  
Pallet Rack Safety Partner  
in North America.*

[WATCH THE VIDEO](#)

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# Partners

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We are the experts and the engineers who take your calls, design and build innovative products and fit them with precision and care. We passionately work day in, day out, towards greater warehouse safety and performance. Whether you operate a warehouse or oversee multiple distribution centers, our goal is to help you better manage your pallet racking systems, safely.



# Our Solutions

Engineering **Services**

Protection and Repair **Products**

Rack Management **Platform**

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Damotech is dedicated to making your warehouse safer. Through comprehensive inspections, safety training or the use of our engineered solutions, our team will guide you towards creating a safer working environment for you and your employees.



# The Experts

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Damotech's engineers are among the most knowledgeable in the racking industry. From conformity inspections, to load capacity calculations, and safety training, we tailor our services to your unique needs and requirements while holding to the highest industry standards.





# Engineering Services

Regardless of the industry, the type of pallet racks you own or the kind of issues that are prevalent in your warehouse, we have the expertise and knowledge to diagnose, report, and help you act on them.



## CONFORMITY INSPECTION

Our engineers walk your facility and inspect your racking systems for conformity by collecting data and recording any deficiencies, damages or missing components. A stamped report is issued with recommendations.



## LOAD CAPACITY CALCULATION

This service consists of collecting on-site data and measurements about the racking systems, determining the load capacity of the uprights and beams, and issuing a load capacity report and labels, stamped by an engineer.



## RACK SAFETY TRAINING

When employees have knowledge of the hazards surrounding rack systems and know what to do when an event occurs, safety is significantly improved. This course is a 2-hour training session followed by a practical workshop on how to assess damage and improve pallet rack safety.



**DAMAGE PREVENTION  
FOR RACK UPRIGHTS**

# Protection

## MEET THE DAMO GUARD

The Damo Guard looks so simple, but looks can be deceiving. It prevents damage on front columns and fits on any rack. It's a very efficient way to protect the base of your uprights.

**Guard** adapted to fit any type of rack

**Bent plate**  
3/16" thick steel makes it very resistant

**Bullnose** protects the anchor against lift damage. Combo of front and rear **Hilti Anchors**



Choice of **extended** or **seismic footplates** and **no-bullnose** option on all units



## MEET THE DAMO SUPER GUARD

Used where pallets or lift blades often rub-up against the rack. Bolted to the floor with 5 Hilti anchors, it's meant to stay put.





## HEAVY-DUTY PROTECTION FOR YOUR WAREHOUSE

The **DAMO SHIELD** is customized in shape  
to protect building columns

# Protection

## MEET THE DAMO SHIELD

Heavy-duty protection for warehouse building columns. The only solution that does not touch the building column or rely on it in case of an accident. Made of two 1/4" structural steel half moons with a minimal footprint. At 36" in height, it's anchored to the floor with 8 heavy-duty 5 1/2" Hilti anchors, it will stay put.



**Standard Height**  
36 inches

**Shape** adapted  
to fit any type of  
building column

1/4" thick  
**structural steel**  
makes it ultra  
resistant

8 heavy duty  
**Hilti Anchors**  
solidly ground the  
unit to the floor







## **HEAVY-DUTY PROTECTION**

The **DAMO FENCE** is more robust than other fences on the market.  
Designed for critical areas where accidents are disruptive and costly.  
Can be customized in shape, height and length.

# Repair

## MEET THE DAMO PRO

This is the unit that started it all. Built to permanently repair and reinforce damaged front columns. It comes with a lifetime warranty against impact, is designed to fit on any type of racking system and can accommodate multiple levels of beams. It also respects the original configuration of the rack while restoring its original load capacity.

**Cup** adapted to fit any type of rack

**Front Post** made of 1/4" thick hollow structural steel makes it virtually indestructible

Combo of new front and rear **Anchors**. **Bullnose** protects the front anchor against damage

**Diagonal Brace** follows the original configuration of the rack

Grade 5 - 1/2" **Bolts** safely secure the unit to the rack

**Horizontal Brace** made of C3 channel for added impact resistance

Choice of **extended** or **seismic footplates** and **no-bullnose** option on all units



# Repair

## DAMO PRO - OPTIONS



### FRONT & REAR (DBRS)

To permanently repair and protect damaged **front and rear columns**. Made of the same robust materials as the rest of the PRO line.



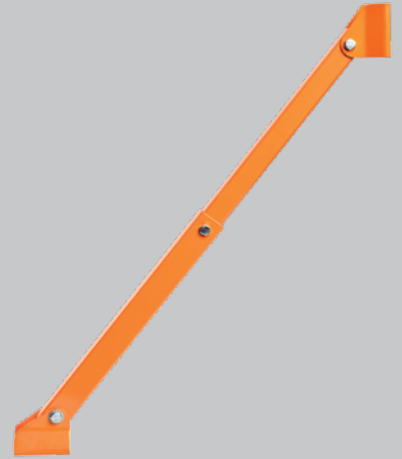
### CANTILEVERED (CAN)

This PRO option is designed to permanently repair and protect **cantilevered** columns on pallet racking systems.



### DEFLEX PLATE

This **plate option** offers extra protection to uprights from side impacts, abuse in drive-in tunnels and is essential in “end of aisle” applications.



MEET THE

## **DAMO BRACE**

This universal design replaces missing or damaged horizontal and diagonal braces. It maintains the original configuration of the rack.





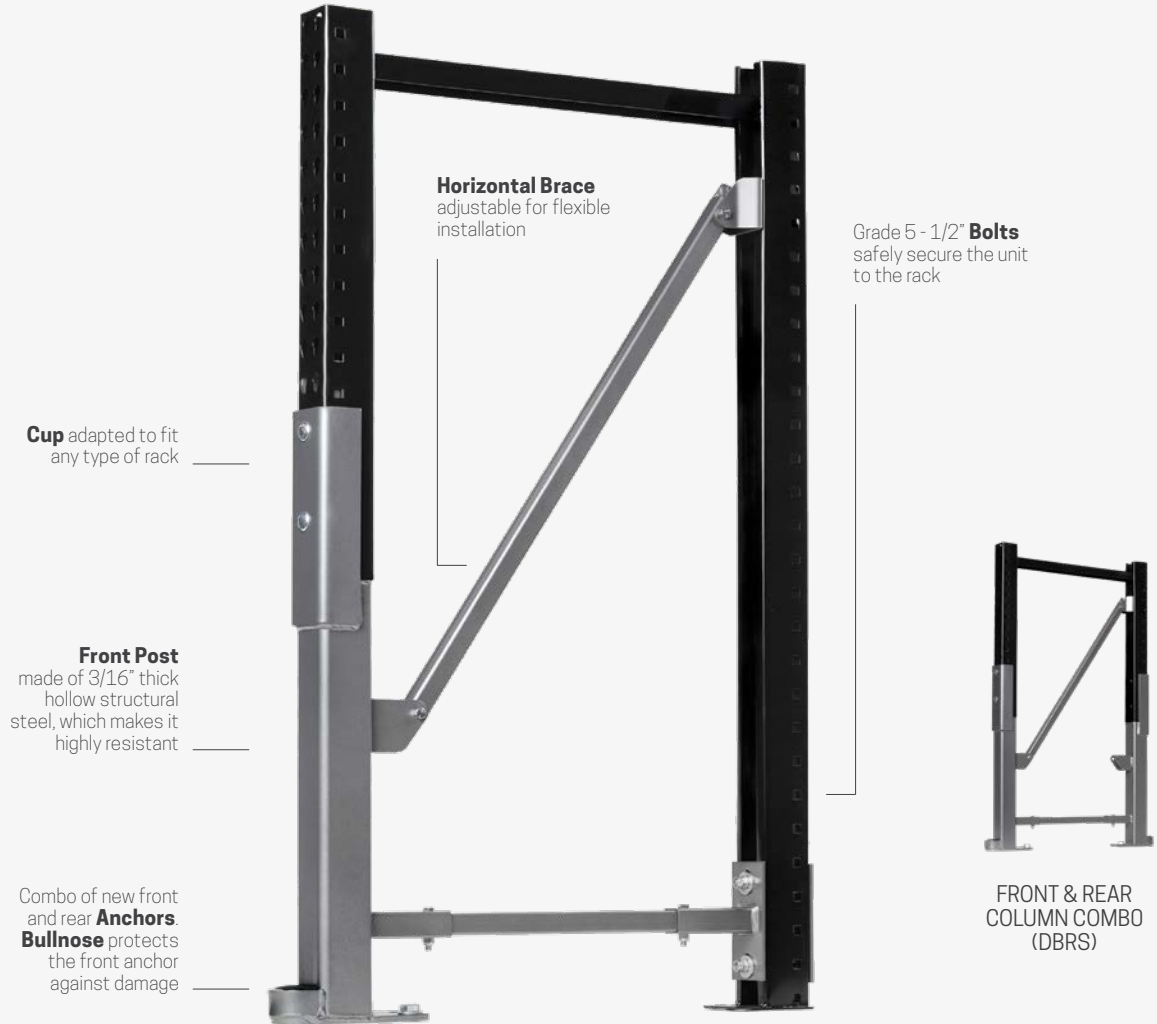
**MADE-TO-MEASURE**  
TO FIT ANY PALLET RACK

# Repair

MEET THE

## DAMO FLEX

A versatile solution, for the repair and reinforcement of damaged front or rear columns. Friendly on the budget, it comes with a 10-year warranty against manufacturing defects and is designed to fit on any racking system. It can accommodate multiple levels of beams and respects the original configuration of the rack capacity.





**READY TO SHIP**  
IN LESS THAN 2 WEEKS



# How it works

DAMAGE ASSESSMENT  
PROPOSAL SUBMISSION  
PRODUCTION OF REPAIR KIT  
INSTALLATION WITH EASY LIFT  
CERTIFICATION

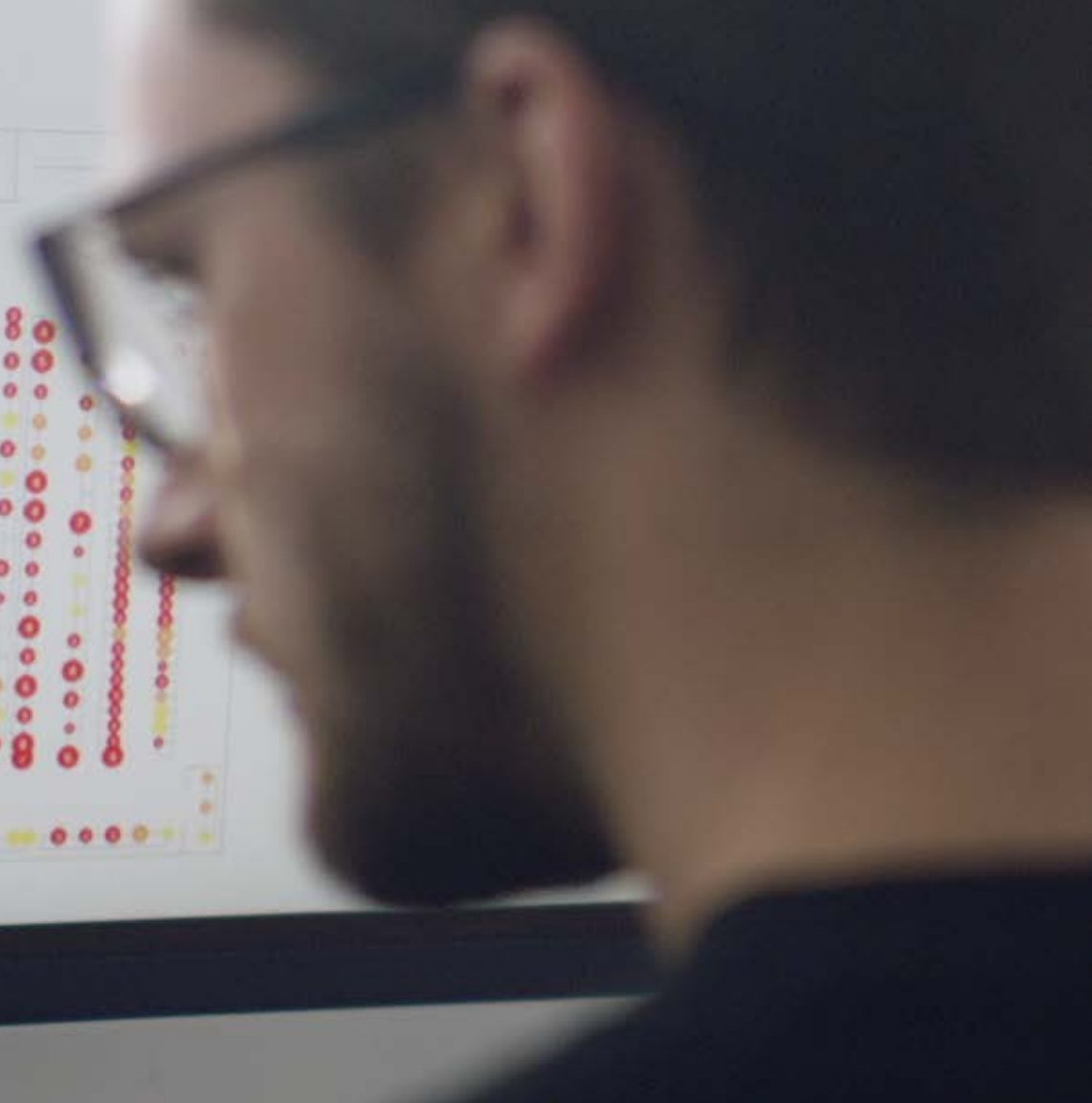


*Thanks to the EASY LIFT, the installation of a rack repair kit requires minimum unloading and is non disruptive to your operations.*

## THE RACK REPAIR PROCESS

- 1 When damage occurs, call us. We'll quickly arrive on-site to **assess** the damage and take the necessary **measurements**.
- 2 Right after the visit, our specialist will send a **quote** with proposed units, specifically designed to your rack system's requirements.
- 3 Once you've confirmed your order, the unit is immediately put into **production**. Units are manufactured and ready to ship within two weeks.
- 4 At your convenience, **installation** is scheduled and a certified crew is sent to your facility, anywhere in North America.
- 5 Finally, if **certification** is requested, our engineers will provide the necessary documents to certify the repair.

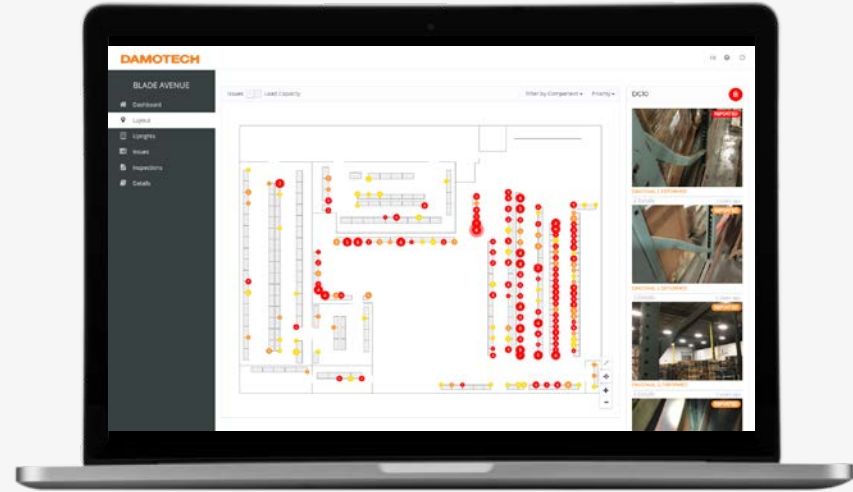
**RACK MANAGEMENT**  
WEB-BASED PLATFORM





# Platform

The Damotech Platform is the only offering of its kind in the industry. It helps warehouse operators manage their racking assets by giving you real-time access to rack inspections reports and collected data. Accessible through the Cloud, it's never been easier to track your progress towards a safer warehouse.



## PLAN VIEW

of your warehouse with map of issues found during inspection, labeled by priority level.

A screenshot of the Damotech Platform showing a list of reported issues. The table has columns for 'Location', 'Status', 'Priority', and 'Reported'. The 'Location' column contains various warehouse identifiers, and the 'Status' column shows icons representing different issue types. The 'Priority' column shows color-coded dots (red, yellow, green) indicating the severity of each issue. The 'Reported' column shows the date and time of the inspection.

Location	Status	Priority	Reported
Area 101 - Bay 101	Issue	High	2023-10-26 10:30
Area 101 - Bay 102	Issue	Medium	2023-10-26 10:30
Area 101 - Bay 103	Issue	Low	2023-10-26 10:30
Area 101 - Bay 104	Issue	High	2023-10-26 10:30
Area 101 - Bay 105	Issue	Medium	2023-10-26 10:30
Area 101 - Bay 106	Issue	Low	2023-10-26 10:30
Area 101 - Bay 107	Issue	High	2023-10-26 10:30
Area 101 - Bay 108	Issue	Medium	2023-10-26 10:30
Area 101 - Bay 109	Issue	Low	2023-10-26 10:30
Area 101 - Bay 110	Issue	High	2023-10-26 10:30
Area 101 - Bay 111	Issue	Medium	2023-10-26 10:30
Area 101 - Bay 112	Issue	Low	2023-10-26 10:30
Area 101 - Bay 113	Issue	High	2023-10-26 10:30
Area 101 - Bay 114	Issue	Medium	2023-10-26 10:30
Area 101 - Bay 115	Issue	Low	2023-10-26 10:30
Area 101 - Bay 116	Issue	High	2023-10-26 10:30
Area 101 - Bay 117	Issue	Medium	2023-10-26 10:30
Area 101 - Bay 118	Issue	Low	2023-10-26 10:30
Area 101 - Bay 119	Issue	High	2023-10-26 10:30
Area 101 - Bay 120	Issue	Medium	2023-10-26 10:30

## REPORTED ISSUES

The list of issues can be sorted by locations, status or priority level



## LOAD CAPACITY

View the capacity of your racking systems on the platform

# Dedicated People



# Why Damotech



## **MADE TO MEASURE**

Each product is built to measure to fit on any type of pallet rack, even those that are no longer manufactured.



## **QUICK SHIP**

Products are custom and manufactured to your specifications and ready to ship from our warehouse in less than two weeks.



## **COST-EFFECTIVE**

The cost of a repair may be similar to that of a replacement, but once the repair is done, our units also protect against future damage, so you never have to worry about it again.



## **NORTH AMERICAN NETWORK**

Our certified crews operate on a national level, capable of installing and inspecting anywhere in North America.



## **ENGINEERED & CERTIFIED**

Our kits were designed to respect the original configuration of your rack and the load capacity is unaffected by the repair.



## **MINIMAL UNLOADING**

The Easy Lift allows for installation in under an hour, without unloading your racks, which makes the whole process quicker and simpler.





**DAMOTECH**

**BRAND NEW FACILITY  
LEED CERTIFICATION**

# YOUR PALLET RACK EXPERTS

Let us help you  
achieve your safety goals.

LET'S TALK

Damotech.com  
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