



ENGINEERED
RACK REPAIR
UNCOMPROMISING
RACK GUARDS



CONTACT US
MACRAK.COM
815-723-7400

#1 IN USA
LIFETIME WARRANTY
TURNKEY SERVICE

- ▶ **FLEXIBILITY**
Mac Rak repairs ANY type of rack on ANY type of rack system, roll formed or structural.
- ▶ **BEST WARRANTY**
Our products are backed by the best impact warranty in the industry
- ▶ **ENGINEER APPROVED**
Manufactured to meet and exceed the highest industry standards. Stamped engineering Approval is available.
- ▶ **100% MADE IN U.S.A.**
All products are exclusively manufactured at our facility in Missouri.
- ▶ **CUSTOM SOLUTIONS**
Available for all repair and protection product lines.
- ▶ **TURNKEY**
From surveying your site to component design, manufacturing and installation, we provide a complete solution.
- ▶ **NATIONWIDE**
Our extensive dealer network allows us to serve customers across the entire U.S.
- ▶ **INNOVATION**
Our products and processes continue to raise industry standards.

Integrated rack repair and protection

Mac Rak designs, engineers and manufactures all of our products in-house. Mac Rak punched post products are produced using prime 50,000 minimum yield steel. We cut, punch, form, weld, powder coat and inspect each product at our own facility. We produce over 26 column designs which allows Mac Rak to offer repairs for all types of racks on all types of rack systems.

Our optional Quick Ship Program ensures that you have extremely quick access to eligible Mac Rak products.

Largest American Pallet Rack Repair and Protection Company



MOBERLY PLANT

Typical pallet rack repair process:

- Repair process 4x faster than frame replacement
- Repair requires 75% less product movement than frame replacement
- About half the cost of frame replacement
- Less internal resources expended
- Minimal disruption to operations
- Provides superior impact resistance
- Approved industry practice

Turnkey—nationwide repair solutions for any and all types of damaged pallet rack.

Engineer supervised products and processes

Bolt-on connectors & grade 5 hardware—no hot work permit or fire watch required

Certified professional installation crews

Protects life, limb and property

All products manufactured in the U.S.A. by Mac Rak



Largest repair and protection product line in the industry, including a full array of customized products

PROUD MEMBERS OF



Most Innovative Engineered Pallet Rack Repair Kits

Upgrade
your racks.
Don't just
repair them.



Compatible with all racking brands

Repair with 75% less unloading of your racks

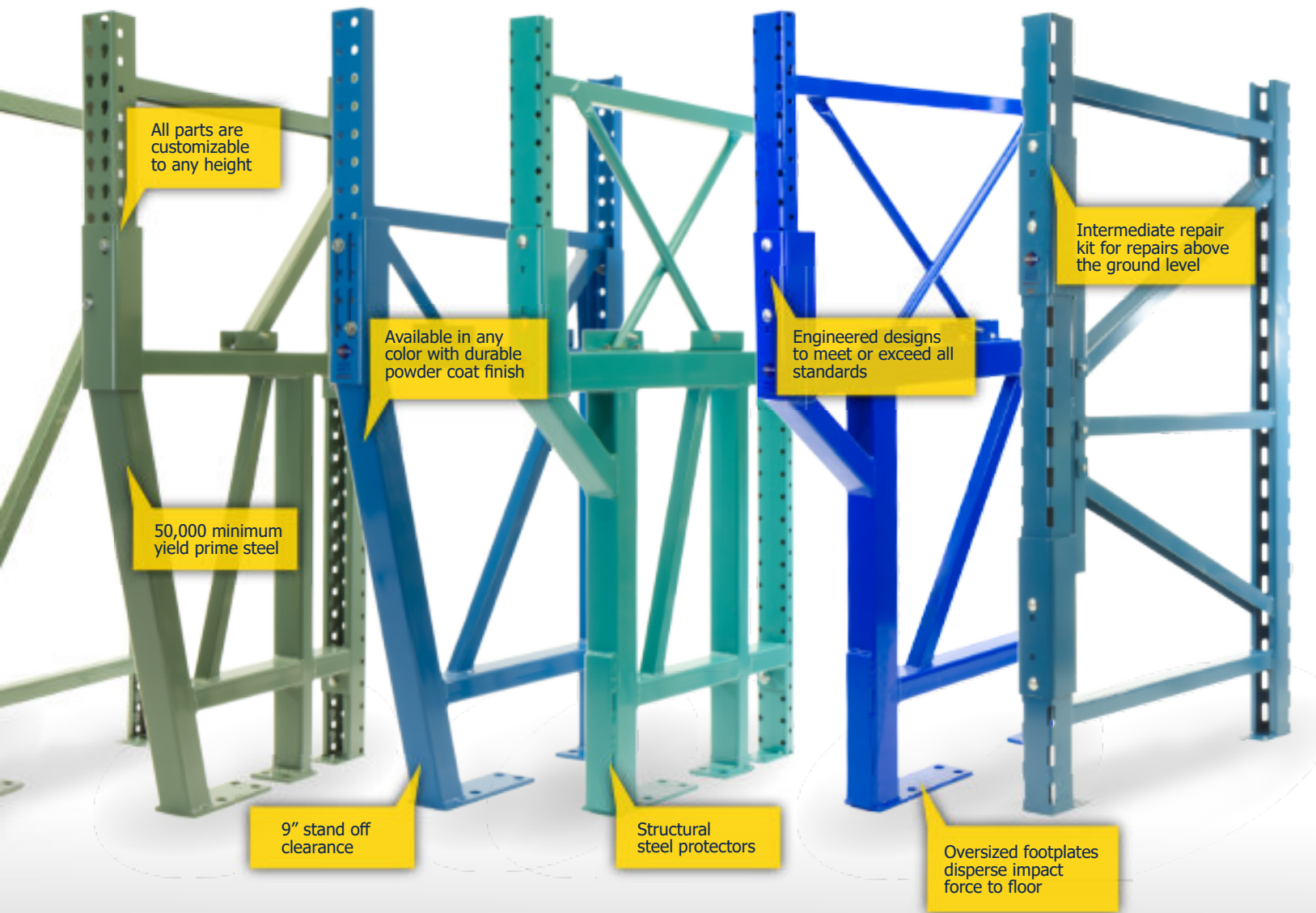
Complies with ANSI RM-16-2012 engineering requirements

Mac Rak Innovation Is Your Advantage

Mac Rak has been leading the industry in innovation for over **25 years**. We were one of the first repair kits to market, and have the most innovative line up of pallet rack repair kits. **More designs, more options**, more ideas that turn your repair into an upgrade. This results in your racks being stronger, having more impact resistance, and more anchor strength than they did before your repair. Plus our repair process is **4x faster than replacing** the same part. Why merely stay the same when you can upgrade to Mac Rak?

One Rack Repair Part Does Not Fit All

When you are searching for a company to help you with your rack repair, you want one that can help you with **100% of your pallet rack repairs**. There are a myriad of configurations that might present themselves as a need in your warehouse. You might need a single leg repair, a cantilever leg, a repair with built-in impact resistance, a bottom 12" repair or any number of other configurations. You need a single supplier that can meet the whole gamut of repair potentials with an **engineered part**. Mac Rak can cover all of your rack repair and protection needs.



50% more economical repair method than original parts

Most parts come with limited lifetime warranty

All parts are 100% customizable

Drive-In Racks



ELITE CANTILEVER

ADVANTAGE

ELITE SLANT LEG

Pallet Flow Racks



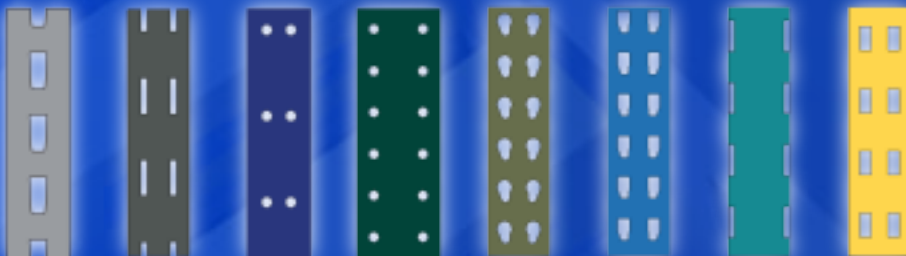
FRONTLINE

ADVANTAGE

ELITE VERTICAL

MAC RAK

Mac Rak Manufactures
Punch Styles On 3" & 4" Column Widths



Products are powder coated to customer choice of standard rack colors.

Selective Racks



BULLDOG



ELITE VERTICAL
DOUBLE LEG



ADVANTAGE

VNA Racks



FRONTLINE



ADVANTAGE NPD



ELITE VERTICAL

Push Back Racks



FRONTLINE



ADVANTAGE NPD



ELITE VERTICAL

ENGINEERED REPAIR
SOLUTIONS FOR ALL TYPES
OF RACKS ON ALL TYPES OF
PALLET RACK SYSTEMS



▶ Elite Vertical Single Leg

The ELITE Vertical Single Leg Pallet Rack Repair Kits are for the most demanding and harshest environments. It has the industry's highest impact resistance in a vertical leg repair kit while maintaining the original rack design profile.

Fully bolted, this kit exceeds 50,000 lbs. of impact resistance up to 12" high. Designed to repair and reinforce a damaged front vertical frame post and undamaged rear post. Proprietary beam reattachment hardware allows for easy beam adjustment for either roll form or structural beams using original end connectors. It does not require cutting off beam end plates which reduce beam capacity and can compromise seismic structural integrity.

Specifications

- RACK SYSTEM:** All
- CATEGORY:** Repair and Protection
- STEEL GAUGE:** $\frac{3}{16}$ " Structural tubing on standard duty roll form rack, $\frac{1}{4}$ " structural tubing on structural rack
- ROLL/STRUCTURAL:** Both
- STYLE:** Bolt Style
- NUMBER OF ANCHORS:** Three, $\frac{3}{4}$ "x 7" standard wedge anchors
- ANCHOR DIMS:** $\frac{3}{4}$ " x 7" for high impact resistance and minimal twisting
- FOOTPLATE DIMS:** Front standard 12"x 4"x $\frac{3}{8}$ ", rear standard 5"or 6"x 4"x $\frac{3}{8}$ "
- COLOR:** All color options available*
- PUNCH:** Non-punched structural tubing, works with all punch styles
- PROTECTOR TYPE:** 12" high, $\frac{1}{4}$ " V-nose deflector or $\frac{3}{8}$ " impact plate are standard (custom deflector options and heights are always available)
- SIZE OPTIONS:** Available in all depths and heights over 2'-0"
- CUSTOMIZABLE:** Yes



▶ Elite Vertical Double Leg

The ELITE Vertical Double Leg Pallet Rack Repair Kits are for the most demanding and harshest environment. It has the industry's highest impact resistance in a vertical leg repair kit while maintaining the original rack design profile.

Fully bolted, this kit exceeds 50,000 lbs. of impact resistance up to 12" high. Designed to repair and reinforce a damaged front vertical frame post and damaged rear post. Proprietary beam reattachment hardware allows for easy beam adjustment for either roll form or structural beams using original end connectors. It does not require cutting off beam end plates which reduce beam capacity and can compromise seismic structural integrity.

Specifications

- RACK SYSTEM:** All
- CATEGORY:** Repair and Protection
- STEEL GAUGE:** $\frac{3}{16}$ " Structural tubing on standard duty roll form rack, $\frac{1}{4}$ " structural tubing on structural rack
- ROLL/STRUCTURAL:** Both
- STYLE:** Bolt Style
- NUMBER OF ANCHORS:** Three, $\frac{3}{4}$ "x 7" standard wedge anchors
- ANCHOR DIMS:** $\frac{3}{4}$ " x 7" for high impact resistance and minimal twisting
- FOOTPLATE DIMS:** Front standard 12"x 4"x $\frac{3}{8}$ " , rear standard 5"or 6"x 4"x $\frac{3}{8}$ "
- COLOR:** All color options available*
- PUNCH:** Non-punched structural tubing, works with all punch styles
- PROTECTOR TYPE:** 12" high, $\frac{1}{4}$ " V-nose deflector or $\frac{3}{8}$ " impact plate are standard (custom deflector options and heights are always available)
- SIZE OPTIONS:** Available in all depths and heights over 2'-0"
- CUSTOMIZABLE:** Yes

* Available powder coat paint colors are common industry-standard colors. Exact match is not guaranteed.



► Elite Cantilever

The ELITE Cantilever Double and Single Leg Kit reduces future rack damage in high impact areas by moving the front lower rack leg nine inches behind the original location. This offset increases aisle width and distance to outrigger impact.

Fully bolted, this engineered repair kit exceeds 50,000 lbs. of impact force up to 12" high. Designed to repair a damaged cantilever front frame post and damaged rear post. Within kit height, replaces OEM struts. Available in all frame depths and kit heights over 2'0". Repair kit comes standard with no front deflector. "V"-Nose deflector or non-protruding deflector plate is optional.

Specifications

- RACK SYSTEM:** All
- CATEGORY:** Repair and Protection
- STEEL GAUGE:** $\frac{3}{16}$ " Structural tubing on standard duty roll form rack, $\frac{1}{4}$ " structural tubing on structural rack
- ROLL/STRUCTURAL:** Both
- STYLE:** Bolt Style
- NUMBER OF ANCHORS:** Three, $\frac{3}{4}$ "x 7" standard wedge anchors
- ANCHOR DIMS:** $\frac{3}{4}$ "x 7" for high impact resistance and minimal twisting
- FOOTPLATE DIMS:** Front standard 12" x 4" x $\frac{3}{8}$ ", rear standard 5" or 6" x 4" x $\frac{3}{8}$ "
- COLOR:** Any standard rack color powder coat finish*
- PUNCH:** Non-punched structural tubing, works with all punch styles.
- PROTECTOR TYPE:** $\frac{1}{4}$ " V-nose or $\frac{3}{8}$ " impact plate is standard
- SIZE OPTIONS:** Available in all depths and heights over 2'-0"
- CUSTOMIZABLE:** Yes



► Elite Slant

The ELITE Slant Double and Single Leg Pallet Rack Repair Kit reduces future rack damage in high impact areas by moving the front lower rack leg nine inches behind the original location. This offset increases aisle width and distance to outrigger impact.

Fully bolted, this engineered repair kit exceeds 50,000 lbs. of impact force up to 12" high. Designed to repair a damaged slanted front frame post and damaged rear post. Within kit height, replaces OEM struts. Available in all frame depths and kit heights over 2'0". Repair kit comes standard with no front deflector. "V"-Nose deflector or non-protruding deflector plate is optional.

Specifications

- RACK SYSTEM:** All
- CATEGORY:** Repair and Protection
- STEEL GAUGE:** $\frac{3}{16}$ " Structural tubing on standard duty roll form rack, $\frac{1}{4}$ " structural tubing on structural rack
- ROLL/STRUCTURAL:** Both
- STYLE:** Bolt Style
- NUMBER OF ANCHORS:** Three, $\frac{3}{4}$ "x 7" standard wedge anchors
- ANCHOR DIMS:** $\frac{3}{4}$ "x 7" for high impact resistance and minimal twisting
- FOOTPLATE DIMS:** Front standard 12" x 4" x $\frac{3}{8}$ ", rear standard 5" or 6" x 4" x $\frac{3}{8}$ "
- COLOR:** Any standard rack color powder coat finish*
- PUNCH:** Non-punched structural tubing, works with all punch styles
- PROTECTOR TYPE:** Optional $\frac{1}{4}$ " V-nose and $\frac{3}{8}$ " impact plate available
- SIZE OPTIONS:** Available in all depths and heights over 2'-0"
- CUSTOMIZABLE:** Yes

Bulldog

Protects the most vulnerable bottom section of the frame



► Bulldog Rack Repair

The Bulldog Pallet Rack Repair Kit is a dual purpose repair and high impact outrigger protector. It provides ultimate impact protection for the most vulnerable frame section, the bottom 12" of the front column. This is a high impact deflecting kit.

Laser focused, addresses the largest single category of column damage with the most effective solution. Does not require replacing undamaged factory bracing. Accommodate beam levels 20" or higher. It is not a wraparound post protector or plastic gimmick. This engineered kit becomes part of the post and prevents twisting. It is available in protruding and non-protruding versions.

Specifications

RACK SYSTEM: All
CATEGORY: Repair and protection
STEEL GAUGE: 1/4" & 3/16" Steel
ROLL/STRUCTURAL: Both
STYLE: Bolted
SEAT HEIGHT: Standard 4", 6" or 8"
NUMBER OF ANCHORS: Two 3/4" X 7"
ANCHOR DIMS: 3/4"x 7" for high impact resistance and minimal twisting
FOOTPLATE DIMS: 12"x 4"x 3/8" Standard
COLOR: Any standard rack color powder coat finish*
PUNCH: Non-punched
PROTECTOR TYPE: Standard non-protruding
CUSTOMIZABLE: Standard front or side bolt connection
WARRANTY DESCRIPTION: Limited Lifetime Impact Warranty

Frontline

Our most economical repair



► Frontline Repair

The Frontline Pallet Rack Repair Kit returns any frame post to original specifications. The Frontline Repair Kit is best for VNA and rear post applications.

It reuses existing factory bracing or accommodates new bracing when needed. It accommodates nearly all beam heights while maximizing your repair budget. It allows for maximum beam adjustability and can reuse undamaged factory strutting. An additional backer is added for added impact resistance require cutting off beam end plates which reduce beam capacity and can compromise seismic structural integrity.

Specifications

RACK SYSTEM: All
CATEGORY: Repair
STEEL GAUGE: Minimum 12 gauge steel (55,000 PSI min yield) 3/16" outer clamp, 1/8" top cap, 1/4" footplate, 1/4" deflectors
ROLL/STRUCTURAL: Both
STYLE: Bolted
NUMBER OF ANCHORS: Two, 1/2" X 4 1/2" (Included)
ANCHOR DIMS: 1/2" X 4 1/2" for added impact and twist resistance
FOOTPLATE DIMS: Standard, 9" X 3" X 3/16"
PUNCH: Available in most punch styles
SIZE OPTIONS: Available in all heights over 2'-0"
CUSTOMIZABLE: Yes
PROTECTOR TYPE: 12" high, 1/4" V-nose deflector or 3/8" impact plate are standard (custom deflector options and heights are always available)
SIZE OPTIONS: Available in all depths and heights over 2'-0"
CUSTOMIZABLE: Yes

Intermediate



► Intermediate Repair

The Intermediate Pallet Rack Repair Kit is designed and engineered to repair mid to upper frame damage. It eliminates the need for an excessively tall repair kit. Constructed of a front column and a reinforced backer column for added impact resistance.

This "Mac Rak exclusive" kit reuses undamaged factory bracing or accommodates new bracing when needed. Accommodates all beam heights while maximizing your repair budget. Exact punch style match allows for maximum beam adjustability.

Specifications

RACK SYSTEM: All
CATEGORY: Repair
STEEL GAUGE: roll form= 12 gauge minimum thickness (55,000psi min yield) Structural= Channel 3"= 4.1 po./ft. 4"= 5.4 po./ft.
ROLL/STRUCTURAL: Both
STYLE: Bolt Style
NUMBER OF ANCHORS: None
COLOR: All color options available*
PUNCH: Available in most punch styles
SIZE OPTIONS: Available in all heights
CUSTOMIZABLE: Yes



► Advantage Non-Protruding Deflector

This reinforced column kit offers ultimate repair and protection against outrigger impact damage, the most common cause of frame damage. Made of the same punch style as the parent frame. Recommended for narrow aisles, due to 1/4" deflector protrusion.

It accommodates most beam levels above 12". The repair kit reuses existing factory bracing or accepts new bracing when needed. The front post is reinforced with a backer channel for additional strength. It is available with V-nose deflectors, non-protruding deflectors, or internal deflectors for added protection to the bottom of the column. It has a massive 3/8" thick oversized footplate with two 3/4"x7" anchors for high impact resistance and minimal twisting.

Specifications

RACK SYSTEM: All

CATEGORY: Repair

STEEL GAUGE: Minimum 12 gauge Steel (55,000 PSI min yield) 3/16" outer clamp, 1/8" top cap, 3/8" footplate, 1/4" deflectors

ROLL/STRUCTURAL: Roll form (Structural with Mac Rak approval)

STYLE: Bolt (Welded available by special order)

NUMBER OF ANCHORS: Two, 3/4" X 7"

ANCHOR DIMS: 3/4" X 7"

FOOTPLATE DIMS: 12"x 4" x 3/8" standard

COLOR: All color options available*

PUNCH: Available in most punch styles

PROTECTOR TYPE: Non-Protruding (custom deflector options are always available)

SIZE OPTIONS: Available in all heights over 2'-0"

CUSTOMIZABLE: Yes



► Advantage Protruding Deflector

The Advantage Pallet Rack Repair Kit makes your front frame post more impact resistant than the original condition. It addresses damage on all areas of posts caused by any type of impact. Additionally, it also provides impact protection from outriggers.

It accommodates most beam levels above 12". The repair kit reuses existing factory bracing or accepts new bracing when needed. The front post is reinforced with a backer channel for additional strength. It is available with V-nose deflectors, non-protruding deflectors, or internal deflectors for added protection to the bottom of the column. It has a massive 3/8" thick oversized footplate with two 3/4"x7" anchors for high impact resistance and minimal twisting.

Specifications

RACK SYSTEM: All

CATEGORY: Repair

STEEL GAUGE: Minimum 12 gauge Steel (55,000 PSI min yield) 3/16" outer clamp, 1/8" top cap, 3/8" footplate, 1/4" deflectors

ROLL/STRUCTURAL: Roll form (Structural with Mac Rak approval)

STYLE: Bolted

NUMBER OF ANCHORS: Two, 3/4" x 7"

ANCHOR DIMS: 3/4" x 7"

FOOTPLATE DIMS: 12"x 4"x 3/8" standard

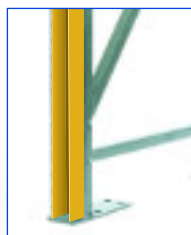
COLOR: All color options available*

PUNCH: Available in most punch styles

PROTECTOR TYPE: V-Nose, Non-Protruding, Internal reinforcement(custom deflector options are always available)

SIZE OPTIONS: Available in all heights

CUSTOMIZABLE: Yes



► Advantage Internally Reinforced

This reinforced column pallet rack repair kit offers repair and protection against outrigger impact damage, the most common cause of frame damage. The internal deflector reinforces the corners of the column and allows for the lowest possible beam elevation. Made of the same punch style as the parent frame. Recommended for narrow aisles.

Accommodates lowest possible beam elevation. Reuses existing OEM struts, or accepts new struts when needed. The front post is reinforced with a backer channel for additional strength. Kit has a massive 3/8" thick oversized footplate with two 3/4"x 7" anchors providing high impact resistance and minimal column twisting.

Specifications

RACK SYSTEM: All

CATEGORY: Repair

STEEL GAUGE: Minimum 12 gauge Steel (55,000 PSI min yield) 3/16" outer clamp, 1/8" top cap, 3/8" footplate, 1/4" deflectors

ROLL/STRUCTURAL: Roll form (Structural with Mac Rak approval)

STYLE: Bolted (Welded available by special order)

NUMBER OF ANCHORS: Two 3/4" x 7"

ANCHOR DIMS: 3/4" x 7"

FOOTPLATE DIMS: 12" x 4" x 3/8" standard

COLOR: All color options available*

PUNCH: Available in most punch styles

PROTECTOR TYPE: Internal reinforcement to 23"

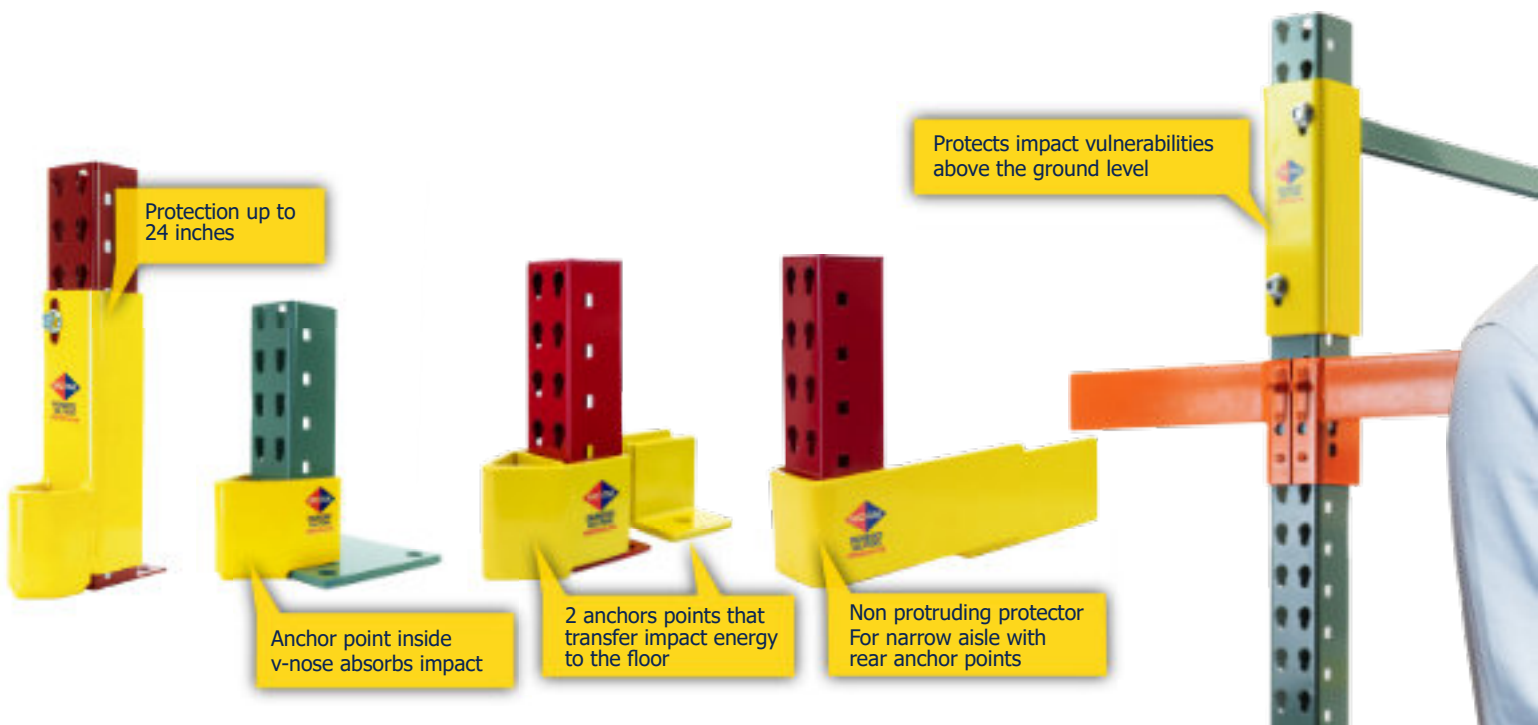
SIZE OPTIONS: Available in all heights

CUSTOMIZABLE: Yes

* Available powder coat paint colors are common industry-standard colors. Exact match is not guaranteed.

End of Aisle Guards

Dock Door Guard



Max Guards

Uncompromising Pallet Rack Protection Kits

Why compromise on rack protection when your racks hold tens of thousands of dollars worth of products?

Advantages of Mac Rak Protectors

1. All products are engineered to rated strength and impact.
2. Heavy duty US structural steel not plastic or non-certified foreign steel.
3. Separate robust anchor points to absorb impacts not mere bolt-ons.
4. Selection of types so only one vendor is needed for protection.
5. Manufactured in our plant in the USA. This means we control welding, steel, finishing and all quality points. Many competitor's protectors have an unknown point of manufacture.
6. Finish quality, many protectors are spray painted with a light coat. Mac Rak powder coats all of our protectors.



| Compatible with all racking brands

| Reduce damage where 75% of all damage occurs

| Thick structural steel + manufactured in our own plant



Protectors

Column protectors



▶ MAX Guard V-Nose

The MAX Guard V-Nose is a column guard that protects racks from outrigger damage. This is a robust 4" high 3/8" steel pallet rack guard. It is solid steel and not cheap plastic. It has superior impact protection from forklift damage because it is independently anchored and not bolted to the rack column. This transfers the impact energy to the floor and not to the column anchors. It is customizable to fit your needs perfectly.

Specifications

RACK SYSTEM: All
CATEGORY: Protection
STEEL GAUGE: Rugged 3/8" throughout
ROLL/STRUCTURAL: Both
STYLE: Single Anchor
HEIGHT: Standard 4"
NUMBER OF ANCHORS: 1 internal 3/4" X 7" anchor included
ANCHOR DIMS: 3/4" x 7" for high impact resistance and minimal twisting
COLOR: Powder coat painted to standard safety yellow
PUNCH: Universally compatible with all punch styles
CUSTOMIZABLE: Yes
FOAM PLUG: Optional foam plug eliminates the trash build-ups
WARRANTY DESCRIPTION: Mac Rak offers a Lifetime Warranty for all our products against defects in manufacturing or material workmanship.



▶ MAX Guard Force Non-Protruding

This steel Column Protector is designed for narrow aisle applications. Provides the ultimate outrigger impact protection you can buy, period! Using two wedge bolt anchor points, the MAX Guard Force provides more than 20,000 lbs. of impact resistance while defending against column twisting. The anchor fastens this guard to the floor rather than to the column. Thus transferring impact energy to the guard rather than the column. There is no other Column Protector Guard manufactured today that can compete.

Specifications

RACK SYSTEM: All
CATEGORY: Protection
STEEL GAUGE: Rugged 3/8" throughout
ROLL/STRUCTURAL: All
HEIGHT: Standard 4"
NUMBER OF ANCHORS: Two, 3/4" X 7" anchors located behind footplate
ANCHOR DIMS: 3/4" X 7" for high impact resistance and minimal twisting
FOOTPLATE DIMS: Varies per application
COLOR: Powder coat painted to standard safety yellow
CUSTOMIZABLE: Yes



▶ MAX Guard Force V-Nose Protruding Deflector

This Pallet Rack Post Protector provides the ultimate outrigger impact protection you can buy, period! Using two wedge bolt anchor points, the MAX Guard Force Protruding V-Nose Post Protector provides more than 20,000 lbs. of impact resistance while defending against column twisting. The anchor fastens this guard to the floor rather than to the column. Thus transferring impact energy to the guard rather than the column. There is no other guard manufactured today that can compete.

Specifications

RACK SYSTEM: All
CATEGORY: Protection
STEEL GAUGE: Rugged 3/8" deflector for ultimate impact resistance
ROLL/STRUCTURAL: Both
STYLE: Anchored
HEIGHT: Standard 4"
NUMBER OF ANCHORS: 2 internal 3/4" X 7" anchors included
ANCHOR DIMS: 3/4" X 7" for high impact resistance and minimal twisting
FOOTPLATE DIMS: Changes per application
COLOR: Powder coat painted to standard safety yellow
CUSTOMIZABLE: Yes
FOAM PLUG: Optional foam plug eliminates the trash build-ups

Protectors

Column protectors



▶ MAX Guard Plus V-Nose

This Pallet Rack Column Protector provides simultaneous column impact protection against forklift truck counterbalance weights, outrigger, and product impact. The anchor fastens this guard to the floor where the impact force is absorbed. The wrap around column protector is then fastened to the column to utilize the high impact protection of the Max Guard Plus to the frame. Designed to prevent column twisting with single anchored frame footplates.

Available in standard 12", 18", or 24" heights with 4" high V-nose deflector. Accommodates all column and footplate designs.

This is not a flimsy boot, weak angle or other gimmick.

Specifications

RACK SYSTEM: All

CATEGORY: Protection

STEEL GAUGE: Rugged $\frac{3}{8}$ " steel deflector and footplate with $\frac{1}{4}$ " steel wraparound column shield

ROLL/STRUCTURAL: All

STYLE: Anchors to floor and fastens to column

HEIGHT: Standard 12", 18" or 24"

NUMBER OF ANCHORS: 1 internal $\frac{3}{4}$ " X 7" anchor included

ANCHOR DIMS: $\frac{3}{4}$ " X 7" for high impact resistance and minimal twisting.

COLOR: Powder coat painted to standard safety yellow, all colors available

CUSTOMIZABLE: Yes

FOAM PLUG: Optional foam plug eliminates the trash build-ups



▶ Max Guard Shield

This Warehouse Rack Protector is a bolted protective guard that may be installed anywhere on the column to prevent damage from forklifts or product impact.

Made with robust $\frac{1}{4}$ " steel in variable customizable lengths. Great at shielding column from accidental forklift truck counterbalance weights and overhead guard collision reduces beam capacity and can compromise seismic structural integrity.

Specifications

RACK SYSTEM: All

CATEGORY: Protection / Reinforcement

STEEL GAUGE: Rugged $\frac{1}{4}$ " steel

ROLL/STRUCTURAL: Both

STYLE: Bolt Style

LENGTH: Standard 12", 18" or 24" (Custom lengths available)

WIDTH: All

HARDWARE: Two grade 5 fasteners Included

COLOR: Powder coat painted to standard safety yellow

PUNCH: Universally compatible with all punch styles

CUSTOMIZABLE: Yes

End of Aisle Guards



▶ Formed End of Aisle Protector

Designed for narrow aisle applications, Mac Rak's Formed "Heavy Duty" end of aisle Rack Guards are the ultimate standard for end of a row and tunnel frame guarding. The face of the guard wraps tightly against the front of the column. (5/8" maximum aisle protrusion.) Constructed with 12" tall, 1/2" thick formed ends to isolate the front frame post from impact damage as well as 6" x 4" X 3/8" angle that protects the frame's side and rear post. (highly customizable.)

Specifications

CATEGORY: Protection

SPECIFICATIONS: Standard guard accepts up to a 4" wide frame footplate

STEEL GAUGE: 1/2" thick steel plate; 6"x 4" 3/8" angle

STYLE: Formed row end guards are available in left, right or double sided

PROTECTOR HEIGHT: 12" tall, 1/2" thick formed ends protect front frame post and 6" x 4" X 3/8" angle that protects the frame's side and rear post

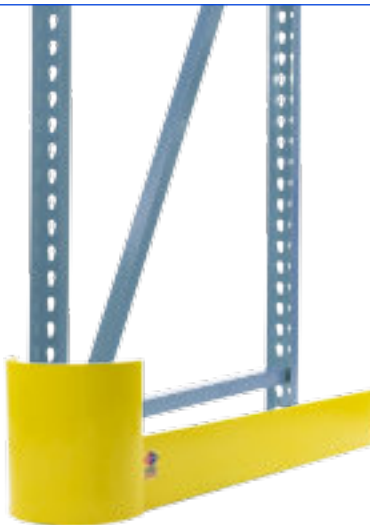
ROW END GUARD: All lengths over 24" up to 60"

OF ANCHOR HOLES: Varies, spaced less than 12" on center

ANCHOR DIMS: 3/4" x 7" included (typically 3)

COLOR: Powder coat painted to standard safety yellow

PROTECTOR TYPE: Formed



▶ Rounded End of Aisle Protector

Mac Rak's round, "Heavy Duty" Rack Protection, is the ultimate standard for end of a row rack protection and tunnel frame guarding. Constructed with 12" tall, 1/2" thick round ends, to isolate the front frame post from impact damage, as well as 6" x 4" X 3/8" angle that protects the frame's side and rear post (highly customizable).

Specifications

CATEGORY: Protection

SPECIFICATIONS: Standard guard accepts up to a 5 1/2" wide frame footplate

STEEL GAUGE: 10" schedule 60 pipe 1/2" thick; 6"x 4" 3/8" angle

STYLE: Round row end guards are available in left, right or double sided

PROTECTOR HEIGHT: 12" tall, 1/2" thick round ends protect front frame post, 6" x 4" X 3/8" angle that protects the frame's side and rear post

ROW END GUARD: All lengths over 24" up to 60" (Additional punched angle available to extend guard length)

NUMBER OF ANCHOR HOLES: Varies, spaced less than 12" on center

ANCHOR DIMS: 3/4" x 7" included (typically 3)

COLOR: Powder coat painted to standard safety yellow

PROTECTOR TYPE: Round (standard 42" and 48" long guards are available for quick ship)



Dock Door Guard

Dock Door Guards protect your valuable all too often abused overhead door tracks. These heavy gauge guards keep pallets and miscellaneous debris from damaging your tracks resulting in expensive emergency repair bills.

The Mac Rak door track guards anchor to both the floor and to the wall for maximum strength and rigidity. The bright yellow safety powder coat paint looks great and is highly visible.

Specifications

CATEGORY: Protection

SPECIFICATIONS: Standard guard accepts up to a 5 1/2" wide frame footplate

STEEL GAUGE: 1/2" thick steel plate, 6"x4" 3/8" angle

STYLE: Welded

PROTECTOR HEIGHT: 12" tall, 1/2" thick v-nose ends protect front frame post, 6" x 4" X 3/8" angle that protects the frame's side and rear post

STANDARD DEPTH: 42" Standard

NUMBER OF ANCHOR HOLES: Varies, spaced less than 12" on center

ANCHOR DIMS: 3/4" x 7" included (typically 3)

COLOR: Powder coat painted to standard safety yellow

PROTECTOR TYPE: (Standard 42" and 48" long guards are available for quick ship)

CUSTOMIZABLE: Custom designed for your exact needs notching and exact lengths to fit your specifications

How to Order

1. Damage Assessment Inspection

After choosing Mac Rak as your pallet rack repair and protection provider, the most significant period of any pallet rack repair project is certainly the assessment survey. It is important that the study is directed by a certified damage rack technician.

During all warehouse racking **damage inspections**, the noticeable damage to racking (as seen from floor level) is recorded to submit to you a racking repair and upgrade proposal.

All our proposals have two components. The first is a point by point list which will recognize the specific location of all damaged rack parts by referencing their pallet slot location. The second contains a **total cost sheet** (material and work) in light of a list of materials produced from your particular assessment. Whenever the situation allows, photos of the damaged rack parts will be included for the survey report.

2. Manufacturing Process

Mac Rak produces our whole product offering in America. Our plant is located in Moberly, Missouri. There is no use of foreign steel, which sometimes will not be certified to grade. We also do not outsource processes to other fabricators. This ensures the **highest quality control possible**. We keep up unlimited oversight over the plan and assembling of the entirety of our items. All Mac Rak roll form punched post-repair units are made in house from prime 55,000 psi least yield steel.

3. Installation of Repairs and Guards

Warehouse pallet rack repairs can commonly be done in about 25 minutes when utilizing Mac Rak's engineered proprietary hydraulic racking jack. Our rack repair procedure results in negligible off-stacking and dismantling of the racks. Additionally, it **will not significantly disrupt the warehouse operations** that a massive unload and reloading of rack space would involve. Mac Rak's installers are trained with a technical preparation program involving reliable working strategies in addition to broad field experience. Rack repair ventures might be booked for any shift, including over weekends, and will be performed by completely insured proficient installers.

Call (815) 723-7400 Visit MacRak.com



**Turnkey
Solutions
From Mac Rak
Nationwide**

MAC•RAK



Inspections, quotes and installation

You need a team that provides turnkey service. A team that doesn't miss details. A team with the experience that will keep you and your racks free from issues. When you are focused on your job, you need Mac Rak. Our **nationwide teams** will come in and make your job easier by handling all of your rack repair and protection needs.

- Certified Inspection Teams
- Quoting
- Manufacturing
- Certified Installation Teams
- Follow Up & Warranty
- Quick Ship Options
- Multi-Site Service



#1 In The USA



When lives, time and reputations are on the line, Mac Rak is the #1 choice for pallet rack repair and protection solutions.

- Leading manufacture in USA
- Engineered to exceed RMI specs
- Lifetime warranty
- Maximizes value in your budget
- Turnkey service

Protect your warehouse efficiency, your team's safety, and your reputation with Mac Rak.



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