

# Building Better Racks!

## Design/Engineering...

FRAZIER uses the most modern, computerized, 3-dimensional, structural analysis program in order to customize designs to individual needs. This is especially critical in the higher seismic 3 and 4 zones such as California.

FRAZIER also uses an advanced AutoCAD system allowing the analysis of several projects simultaneously without compromising quality or delivery.

FRAZIER's designers and engineers constantly solve new material handling/storage problems and challenges. New technology, new equipment and new methods are employed wherever possible to keep FRAZIER ahead of the competition. It is the secret of FRAZIER success.

## Manufacturing...

FRAZIER's unique network of manufacturing facilities and our "FLEX MANUFACTURING SYSTEM" (FMS) enable us to handle a high volume of projects without disrupting or compromising work in progress. FMS utilizes precision tooling and automation to manage a much higher volume of projects at the lowest possible cost.

## Quality...

At FRAZIER, quality is designed into the product. It's guaranteed through the use of the latest automatic welding techniques (AWS approved); and an in-line painting and finishing process unmatched in the industry for coverage and durability.

Further, each manufacturing location has a FRAZIER employed, dedicated Quality Control Manager whose sole responsibility is monitoring product quality.

## Service...

On time and within budget are far more than just promises at FRAZIER. **They are a commitment!** From start to finish, FRAZIER Project Management personnel, working closely with all client, contractor and consultant staffs, ensure everyone's total satisfaction on every project undertaken.

## Competitive Pricing...

For many years, the perception was that structural steel rack was far more expensive than roll-formed. This may have been true at one time.

Today, however, FRAZIER's automated manufacturing facilities, new processing techniques, the competitive price of U.S. mini-mills and FRAZIER's integrated manufacturing, allow utilization of superior structural steel products for only pennies more than inferior roll-formed. In fact, in the long run, structural steel rack may be less expensive than the cheaper quality products because continual damaged part replacement is not necessary.

# FRAZIER®

## Frazier Industrial Company

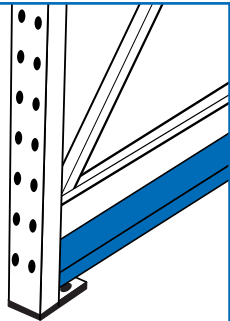
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## Accessories

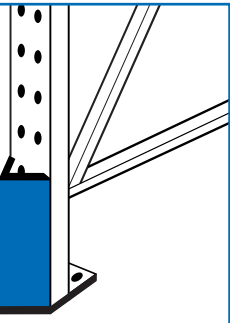
### Rub-Rail

Heavy horizontal impact channel used at floor level to protect upright or frame from vehicle or pallet damage.



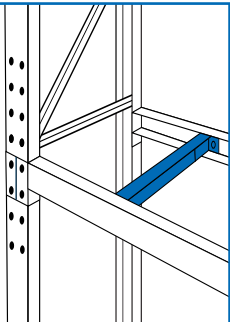
### Post Protector

Heavy structural steel protector affords added security against abuse from handling equipment.



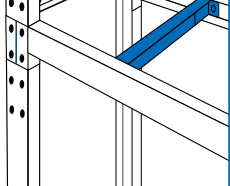
### Safety Bar

Prevents pallets that are placed inaccurately from falling through the rack.



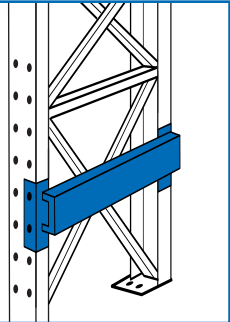
### Pallet Support

Supporting member that allows storage of smaller pallets in each opening.



### Row End Protectors

Structural steel channels used at the end of each aisle to serve as a guard preventing frame damage.



# SENTINEL SERIES Structural Steel Storage Racks



# FRAZIER®



# Structural vs. Roll-formed

*Strength matters.*

We made an important, fundamental decision when developing our manufacturing capabilities, to use structural steel for our rack systems instead of inferior roll-formed products.

Extensive testing has proven that structural steel offers these important advantages:

- High abuse resistance — structural is heavier, with reinforced channel corners and thicker gauge metal columns.
- If damaged, can be repaired in place.
- Repaired uprights maintain 100% load-bearing capacity.
- Structural integrity maintained where rack is constantly being dismantled and relocated.
- Consistent adherence to precise manufacturing specifications.
- All this, at a competitive price.

## Join the Structural Revolution!

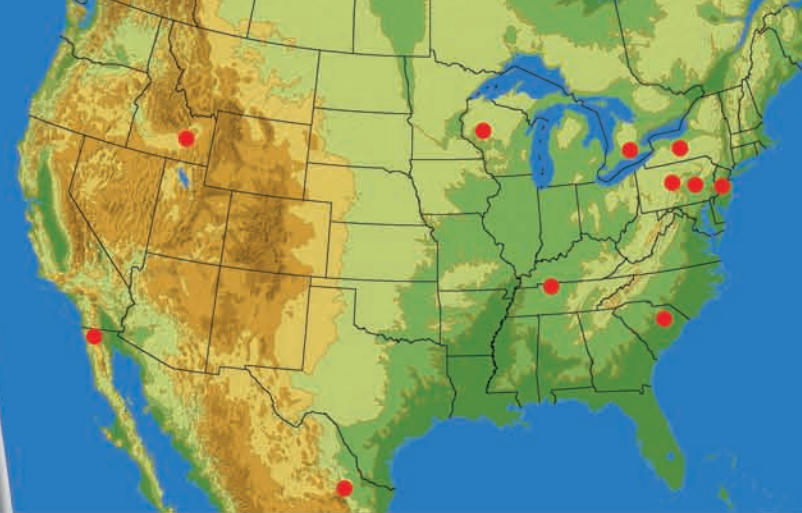


Roll-formed column on left, structural steel column on the right. The evidence of structural steel superiority is clear.

Strength. Durability. Quality. Back in 1949, we knew that choosing structural steel for all of our products would deliver the best possible storage solutions. With that decision, we became the leader in structural steel storage racks. Frazier single-handedly changed the industry by providing the strength of structural steel at the price of roll-formed.

### Only Frazier offers:

- Flex Manufacturing System (FMS) - allowing us to quickly meet the requirements of any sized project at the lowest possible cost.
- Expanded manufacturing facilities in strategic locations throughout North America.
- Most manufacturing capacity in the industry.
- Lighter steel sections.
- Structural steel - meaning superior abuse resistance, stability, and flexibility over inferior roll-formed steel rack.
- Competitive pricing.



### Frazier's National Fabrication Network:

- |                          |                                 |
|--------------------------|---------------------------------|
| <b>Barron, WI</b>        | <b>Pocatello, ID</b>            |
| <b>Lamar, SC</b>         | <b>Portland, TN</b>             |
| <b>Long Valley, NJ</b>   | <b>Pottsville, PA</b>           |
| <b>Mexicali, Mexico</b>  | <b>Trenton, Ontario, Canada</b> |
| <b>Milton, PA</b>        | <b>Waterloo, NY</b>             |
| <b>Monterrey, Mexico</b> |                                 |

## Benefits of the Sentinel Structural Steel Rack

**Adjustability** — Can maintain 1" adjustability on 3" and 5" beams and 1" adjustability at 75% of locations with 4" shelf beams.

**Durability** — Made to last longer; designed to hold up better; finished to look better, longer.

**Warranty** — Unlimited two year warranty against fork truck abuse is unmatched in the industry.

**Experience** — Over 50 years in the research, design, engineering, manufacturing and construction of structural steel rack facilities.

**Bolted Connections** — Strong at 360° and guaranteed against dislodgement even from an upward impact from a vehicle or pallet.

[www.frazier.com](http://www.frazier.com)

