



**ECONO-RACK**

*technirack*

# KONSTANT<sup>®</sup>

**Complete Storage System Solutions**



**PROTECTION  
SAFETY PRODUCTS  
AND PERMITTING**

*RACK IT  RIGHT!*

**ACCESSORIES  
TO PROTECT  
YOUR  
OPERATIONS  
AND KEEP  
YOUR  
EMPLOYEES  
SAFE!**

**Complete Storage System Solutions**



## PALLET SAFETY BARS & FASTENERS

Pallet safety bars and fasteners further secure your storage structures for an added level of both material and employee safety.

### SAFETY BARS

**Snap In Pallet Safety Bars** lock in place providing CSA-standard protection without requiring mechanical fastening. These pre-galvanized, high-strength steel bars snap into place on pre-punched, built-in step beams and can withstand years of abuse.

**Hook Over Pallet Safety Bars** are available with cups to suit 1-1/2" (40 mm) or 2" (50 mm) beam depths. Each cup on the safety bar comes with a pre-punched hole for mechanically fastening the safety bar to the beam. They are manufactured from the same high-strength steel as our racking beams.



SNAP IN PALLET SAFETY BAR



HOOK OVER PALLET SAFETY BAR

**Safety Pins, Clips & Fasteners** are the types of hardware that come with your box or step load beams. They are required to help prevent unintentional beam uplift and dislodgement that can be caused by forklift trucks. Check your rack regularly to make sure they are in place and, as a best practice, keep a supply of extras on hand for replacement as needed.



SAFETY CLIPS, PINS & FASTENERS



**SAFETY GATES** Mezzanine safety gates are easily adaptable to keep your operation running smoothly. Different models are available to suit your specific application needs.

### SAFETY GATES

**Safety Pivot Gates** are designed for busy loading zones to help protect your employees from potential falls. They have specially designed pivot arms that allow the gate to be opened on one side while closed on the other.

**Single & Double Swing Gates** are available in two-rail, three-rail and wire mesh configurations; each can be designed to accommodate your guardrail selection.

**Sliding Gates** allow you to easily access a mezzanine in a constructed area. They are available in two-rail, three-rail and wire mesh configurations; each can be designed to accommodate your guardrail selection.



SAFETY PIVOT GATE

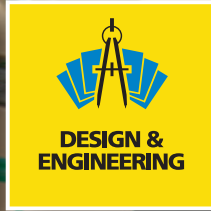


SINGLE SWING

DOUBLE SWING

SLIDING





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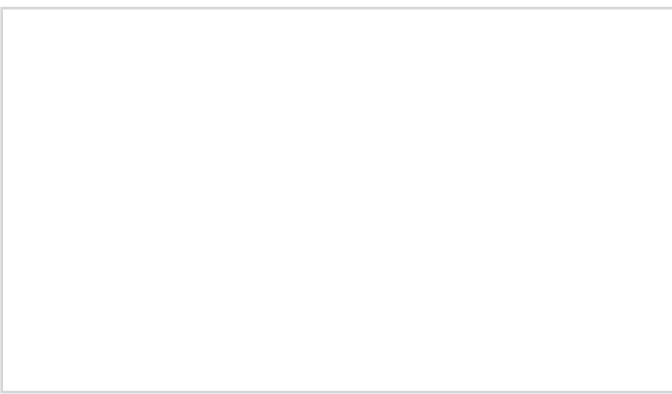
**KONSTANT® USA**  
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# ENSURE YOUR OPERATION IS SAFE & PRODUCTIVE!

Contact us today for the *right* safety products to help protect your operation.



VISIT US ONLINE FOR ADDITIONAL PRODUCT DETAILS  
[www.konstant.com](http://www.konstant.com)  
[www.technirack.com](http://www.technirack.com) | [www.econorack.com](http://www.econorack.com)



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 613.592.6625
- Toronto**  
 647.427.8281
- Vancouver**  
 604.522.7166
- Vaughan**  
 905.660.8031

Many jurisdictions have laws, codes and regulations governing construction, installation and/or use of product(s) for certain purposes. While we will attempt to help ensure that our products comply with such codes, we cannot guarantee compliance, and cannot be responsible for how products are installed or used. Before purchase of any product(s), please review the product(s) and applicable national, provincial, local laws and codes and regulations to be sure that the product(s), as well as its installation and use, complies with them.



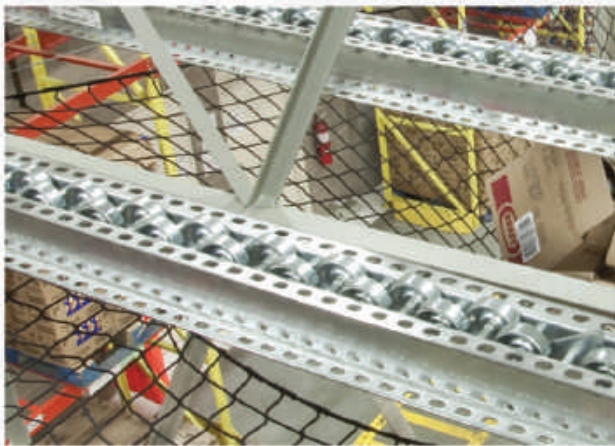


## SECURITY & SAFETY

Keeping your goods where they belong is a critical part of your responsibilities, as is keeping your people out of harm's way. Either way, Konstant has an array of options to help prevent accidental damage or injury by ensuring the things in your operation stay in place.



SECURITY CAGE



SAFETY NETTING



WIRE MESH RACK NETTING

## SECURITY & FENCING PARTITIONS

**Security Cages** offer an added level of protection for high-value or controlled substances, archival record storage or general storage requiring limited access. It provides protection for material and assets.

Wire mesh partitions are available as pre-configured assemblies (for quick delivery) or can be custom designed to your specific needs:

- Preconfigured security cages are available in two, three and four-sided configurations that are easy to install with simple tools
- Various types of gates are available including swing, sliding, dutch door and service-style wickets
- Steel is coated with a durable, baked-on finish
- Standard colour is grey, with custom colours available at an extra cost

## SAFETY NETTING

**Safety Netting Systems** are constructed of strong, durable, braided nylon rope and offer a simple, affordable means of preventing material damage from potential falls off the racking. More importantly they help prevent personnel injury from material falls onto workstations and adjacent walkways when properly designed and installed.

- Install vertically or horizontally to suit your protection needs
- Protection for entire rows of racking or individual bays
- Kits can be provided for your special needs
- Affordable and easy to install, however, we also provide professional installation as required

## WIRE MESH RACK NETTING

**Wire Mesh Rack Netting** offers the same material and personnel protection benefits as Safety Netting, but provides a more rigid solution for designated higher traffic areas such as a tunnel.

- Available in standard and custom sizes
- Installs quickly and easily with nuts and bolts





**PROTECTION**  
SAFETY PRODUCTS  
AND PERMITTING

## ***Rack it Right with Konstant Safety Accessories***

Your racking and storage solutions are the back-bone of your operation. You invested wisely in the infrastructure you need to store your product and keep it flowing through your operations in a reliable, efficient way.

You now want to make certain that your investment is properly protected and the product, equipment and people within your operation remain safe.

Konstant can help you find the right Safety Accessories for your operation so you can avoid unnecessary productivity interruptions and ensure your most important assets are safely protected.

Put **Konstant** to work for you when you are considering how to better protect your operation!

***RACK IT ✓ RIGHT!***<sup>™</sup>





# INFRASTRUCTURE & EQUIPMENT PROTECTION

Protecting racking row-ends, corners and building columns help to fortify your warehouse storage systems from accidental impacts and the health and safety risks associated with compromised or damaged rack structures. Consider the solutions below for proactive protection of your operational assets.



GUARD RAILS

## GUARD RAILS

**Heavy Duty Guard Rails** can greatly enhance the safety of your facility and reduce the cost of damage caused by accidental collisions when properly installed with manufacturer approved hardware.

Guard Rail specifications are as follows:

- Available in 1 and 2 high configurations
- Finished in highly visible security yellow
- Security cap on all posts
- Bolted connections
- 5" x 5" posts
- 12" high rails
- 10" x 10" base plates



ROW END PROTECTORS

## ROW END PROTECTORS

**Heavy Duty Rack Guards** provide protection for the most vulnerable areas of your storage rack systems – row ends. Available as double-sided or single-sided, they are easy to install and provide critical protection from fork truck damage at both the front and side of your rack uprights.



POST PROTECTORS

## POST PROTECTORS

**Post Protectors** provide individual, high visibility post protection and are available in 3 different standard sizes. Easy to install, they protect the most susceptible part of your rack uprights from fork truck damage.

## BUILDING COLUMN GUARDS

**Column Sentry®** is the original, patented column protector, protecting interior building columns from forklifts collisions by surrounding them with a cushion of air. This column protector is highly visible in its standard safety yellow colour. When hit, Column Sentry flexes, to help protect the column, the forklift, and the forklift operator.



RACK POST PROTECTOR

BUILDING COLUMN GUARDS

The protector is molded of low-density polyethylene, making it tough while keeping it maintenance free. It is also very easy to install, without using any tools, and is available in a number of sizes to fit almost every column.