

**STEEL KING**<sup>®</sup>

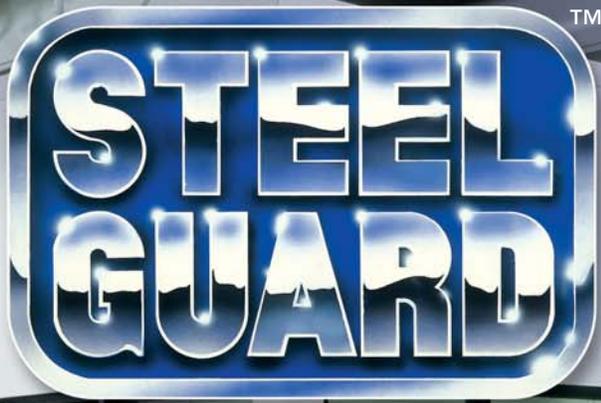


**STEEL  
GUARD**<sup>™</sup>

MEGA GUARD  
COLUMN CORE  
GUARD DAWG  
COLUMN PROTECTOR



Smart  
Investments  
in Plant  
Safety



# Solid Steel Protection

Steel King is committed to making your workplace safer. Our current products exceed industry guidelines as we develop new products and technologies that steadily move the standards of warehouse safety forward. We pledge to continue this important innovative spirit with a determination as solid as steel.



# A smart investment in plant safety

Protecting your people, product, and physical plant from collisions with forklift trucks and other plant activities is one of the best investments you can make. Steel King's STEEL GUARD is a pre-fabricated modular protective railing system that can be expanded and relocated with ease. Mass production and easy installation make Steel Guard a cost-effective safety solution.

## Reduce the costs and risks of:

- Worker compensation claims
- Inventory losses
- Equipment damage
- Building damage
- Lost production time



*A visual and physical barrier between machinery, staging, and work areas.*



*Protects heavy traffic areas like dock doors.*



*Protects electrical equipment, controls, and more.*

## Protect valuable and fragile equipment with the Steel Guard system:

- |                    |                     |                                  |
|--------------------|---------------------|----------------------------------|
| ■ Worker areas     | ■ Conveyors         | ■ Freezer / cooler panels        |
| ■ Aisleways        | ■ Inventory areas   | ■ Controls and computer consoles |
| ■ Mezzanines       | ■ Pedestrian aisles | ■ Many more...                   |
| ■ In-plant offices | ■ Loading docks     |                                  |
| ■ Building walls   | ■ Electrical panels |                                  |
| ■ Rack aisle ends  | ■ HVAC equipment    |                                  |

## Steel Guard... the cost effective barrier

Industrial lift truck accidents are a common and costly occurrence. OSHA estimates that there are 68,400 accidents each year, involving powered industrial trucks. Approximately 95,000 workers suffer some type of injuries in these accidents, resulting in lost work time, workers' compensation claims, and productivity losses – not to mention the damage inflicted upon equipment and facilities. About 100 people lose their lives each year in these accidents.

Steel guard protective railing system is a cost effective barrier against the effects of such accidents.



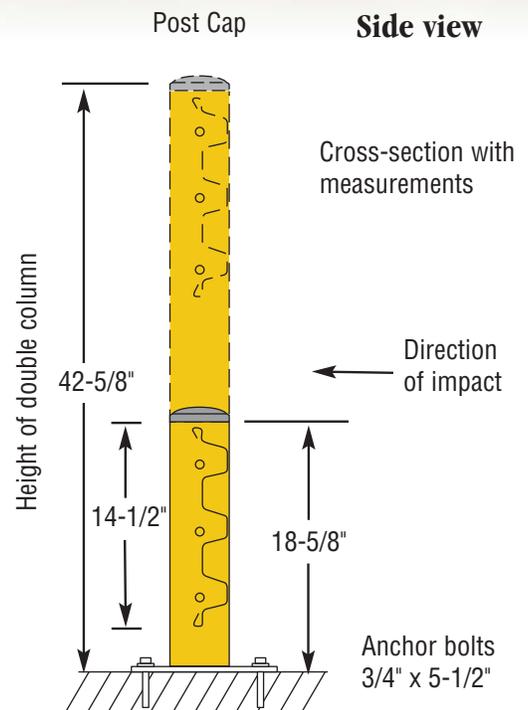
# Steel Guard protective railing system



## Standard bolted connection

Steel King's Steel Guard railings use heavy, 11 gauge corrugated steel rails mounted to 1/4" wall structural steel columns to absorb and deflect impacts from forklifts and other mobile equipment. Steel Guard rails are stocked in many lengths with custom lengths available.

Steel Guard greatly reduces installation costs by eliminating all on-site cutting, welding, and core drilling. In addition, Steel Guard comes with a tough, durable, and scratch resistant powder coat finish.



■ Post caps and anchor bolts included with post.



# How to design guard rail systems

- 1 Choose single or double high
- 2 Choose post type

## STANDARD CENTER POST

Post tube drilled on two opposite sides, post welded in center of baseplate. Standard in-line guard rail post; can be used as an end or interior post.

## STANDARD CORNER POST

Post tube drilled on two adjacent sides, post welded in center of baseplate. Used to make a 90-degree bend in a run of railing.

## CENTER POST - END OFFSET

Post tube drilled on two opposite sides, post welded on side of plate, no change to hole C/L. Usually used as an end post where flush design is desired.

## CENTER POST - SIDE OFFSET

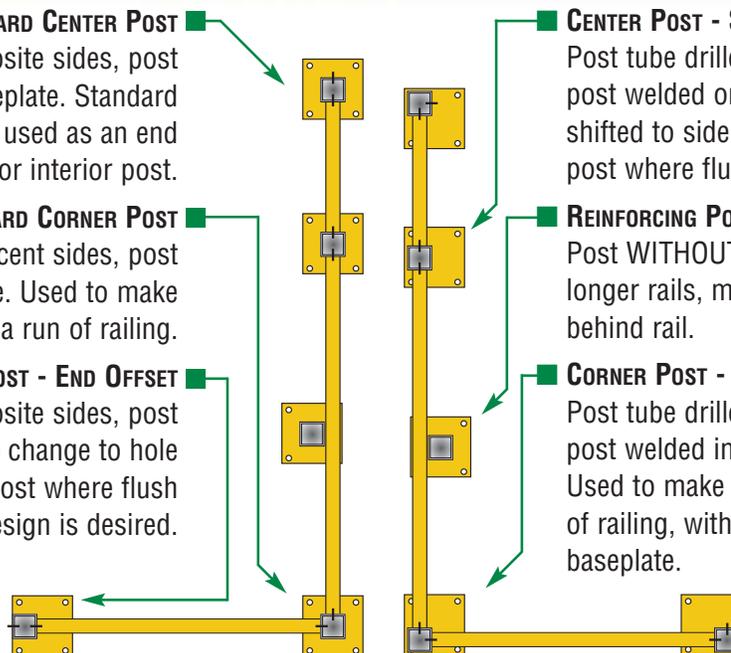
Post tube drilled on two opposite sides, post welded on side of plate, hole C/L shifted to side. Usually used as an in-line post where flush design is desired.

## REINFORCING POST

Post WITHOUT holes. Used with longer rails, mounted with tube directly behind rail.

## CORNER POST - STANDARD OFFSET

Post tube drilled on two adjacent sides, post welded in corner of baseplate. Used to make a 90-degree bend in a run of railing, with rail flush to outside of baseplate.



- 3 Choose rail lengths.
- 4 Choose bolted or lift-out rail.
- 5 Choose straight, or optional side-angled or vertically-angled configuration
- All posts shown are stock items.



48 hour shipping!

That's how

Steel King makes

ordering Steel Guard

and other systems

easy and painless.

With Steel King's

Quick Ship Program,

your materials arrive

in one shipment

with only one invoice.

You save time

and money during

shipping and installation.

Call Steel King at

1-800-826-0203

for more information.

# Built to improve safety and damage control



The Steel Guard Protective Rail System is designed and built to improve safety and damage control. Every element has been specifically developed to maximize utility and ease of use.

- **Rails:** Corrugated 11 gauge steel, 14-1/2" high x 2-1/2" deep, 3 ribs
- **Posts:** 4" square, 1/4" wall
- **Base:** 10" square x 5/8" thick, Pre-punched anchor holes
- **Connection:** 3-bolt, pre-tapped holes
- **Anchors:** 3/4" x 5-1/2"

*All hardware and end caps included with posts!*

## Features

1. Powder coat finish (yellow)
2. 3-rib rail, 3-bolt connection
3. Prefabricated pre-punched baseplate and pre-tapped connection holes
4. Closed return flanges on rails
5. Heavy duty 11 gauge guard rails

## Benefits

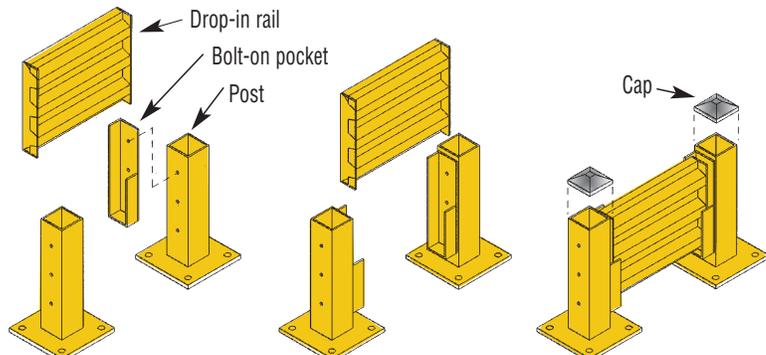
1. Highly visible, durable, and UV resistant
2. Most rigid guard available
3. Makes installation easy
4. Keeps sharp edges away from personnel
5. Absorb impact more effectively than lighter gauge or "highway" type rails

## Optional lift-out/drop-in rail system

Ideal for separating traffic and work areas, an optional lift-out/drop-in rail system maintains accessibility while providing uninterrupted protection. Steel Guard is modular, moveable, and available in single or double high posts, for maximum flexibility.



### Lift-out/drop-in rail



1. Bolt "pockets" to posts

2. Rails drop in place

3. Snap caps onto posts & anchor posts to floor

# Steel King offers a wide variety of plant safety products



## MEGA GUARD

Steel King's Mega Guard system is designed for maximum protection at key areas. Tubes are angled to deflect impacts and maximize strength. Completely welded, one piece design for quick assembly.



## GUARD DAWG

Always on duty, Steel King's Guard Dawg system is an inexpensive low profile method to protect racks at intersections and along high traffic routes.

- 5" x 3" x 3/8" angle
- Right, left, or double-ended guards
- Protects 3" or 4" wide upright columns
- Anchors and hardware included



## COLUMN CORE

Forklift damage is the core factor in about 90% of rack failures. Column Core strengthens SK2000® rack uprights and is exclusively available as a component to Steel King's SK2000 tubular racks, the benchmark system in the storage market. Column Core's unique double C-shaped column reinforcement

improves on SK2000 rack that's already 2-1/2 times more impact resistant than comparable open-back racks. With Column Core, your SK2000 Rack is **5 times** more resistant at the front corners and side—where the upright is most vulnerable.

- Retain full beam adjustability
- Reduce puncturing, buckling, and torsional twisting
- Reinforce only as high as needed



## COLUMN PROTECTOR

Steel King's free standing Column Protectors shield rack columns from collision damage by blocking and deflecting fork trucks at the point of impact.



## The Steel King Standard

Innovation, quality, integrity, exceptional designs, and expert manufacturing – where Steel King goes, others follow.



Steel King Industries, Inc.

2700 Chamber Street ■ Stevens Point, WI 54481

(715) 341-3120 ■ (800) 826-0203 ■ Fax: (715) 341-8792

Info@steelking.com ■ www.steelking.com

Member of:



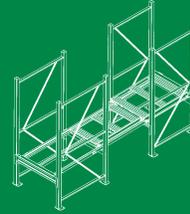
Catalog SGSBR08 Copyright © 2008 Steel King Industries, Inc.

Steel King, the King, Steel Guard, and logos are registered trademarks or trademarks of Steel King Industries, Inc. Specifications subject to change.

Your Steel King Distributor:

## Additional products

Steel King manufactures a full line of material handling solutions.



SK3600®  
Pushback Rack



SK3400®  
Pallet Flow



SK3000® Structural  
Drive-in Rack



Cantilever Rack



In Stock

Pin Rack



Rigid Wire-Mesh  
Container



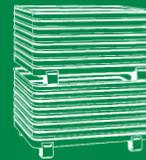
In Stock

SK2000®  
Boltless Rack



In Stock

Steel Guard



In Stock

Round Corner  
Corrugated Container



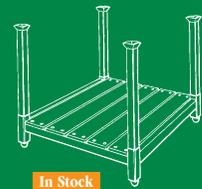
In Stock

Workingtainer



In Stock

Hold 'N Fold  
Collapsible Container



In Stock

Stac-King Portable  
Rack