

## GUARD RAIL

Provides maximum security against forklift accidents

Can take 10,000 lbs. at 4 MPH with only 12" of deflection max

Easiest to install in the industry

# GUARD RAIL

## Features and Benefits

- Rails are formed from 10-gauge steel, tested to withstand 10,000 lbs at 4 M.P.H.
- Smooth plastic plugs are provided to fill unused holes in columns, giving it a finished look
- Powder coat painted safety yellow, yields high visibility in a durable finish
- Column is a 4.75" x 4.75" steel square tube mounted on a 10" x 10" base plate
- Hole sets are on all four sides of the column, makes 90 degree turns possible
- Lift Out Adapter option allows for removable sections of guard rail
- Down Guard Adapter option provides low level protection
- Hinged Gate Assembly enables section of rail to swing open, makes the protected area accessible
- Custom sizes can be made for the exact amount of protection required
- Anchoring and mounting hardware is included, which allows immediate installation
- In stock and same day shipping is available

## Easiest to Install in the Industry

Flange nuts are welded inside each bolt hole for quick, easy installation.

## Areas of Installation

Guard rails are designed to protect in-plant offices, mezzanines, machinery, electrical panels, water mains, storage areas, and most importantly, personnel.

## Guarantee and Warranty

Personal and professional customer service is offered on all Handle-It™ Guard Rails. Our Guard Rail carries a one-year limited warranty on all materials and workmanship.



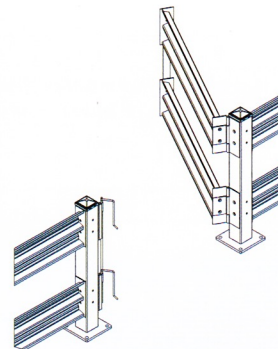
Double Rail System



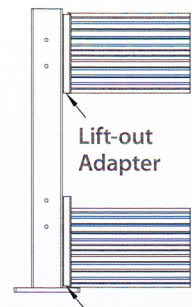
Single Rail System

## Customizing is easy.

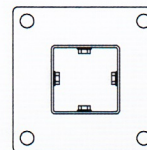
Our Guard Rail can be easily customized to fit just about any warehouse setup.



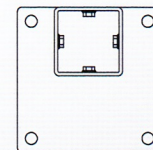
Guard Rail Hinge Option



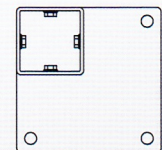
Down Guard Adapter



Standard Column



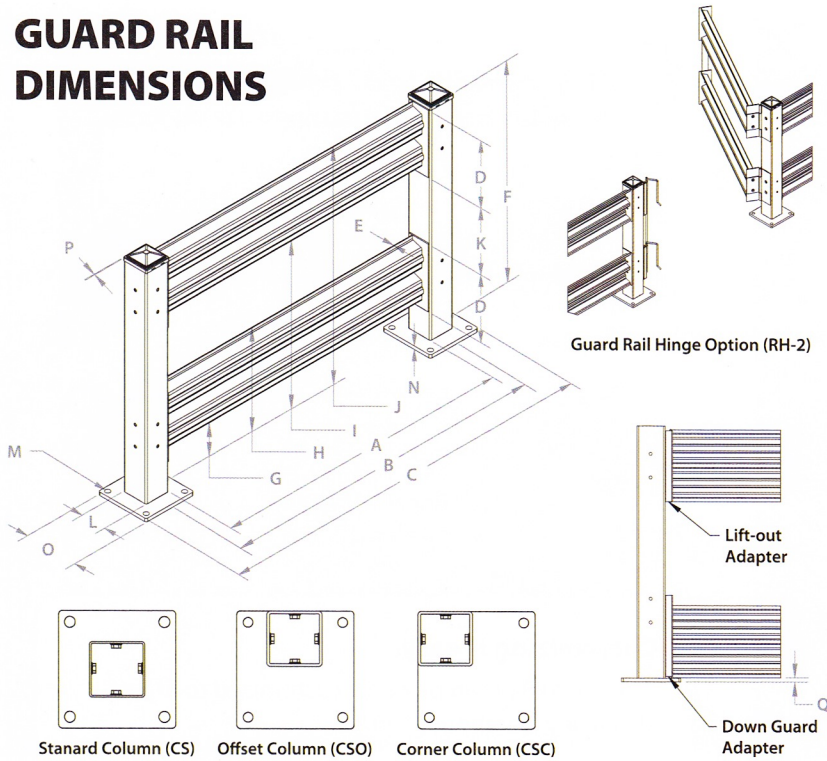
Offset Column



Corner Column

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## GUARD RAIL DIMENSIONS



### Notes

- Hardware and caps provided
- Bolt holes located on all four sides of the column
- Add 1" to dimensions B and C if LOA or DGA are being used
- Add 1.5" To dimensions B and B if using Hinge Option

Part	A	B	C	D	E
	Rail Length	Center to Center of Columns	Outside to Outside of Base Plates	Rail Height	Rail Thickness
GR-10	115"	120"	130"	12"	1/8"
GR-9	103"	108"	118"	12"	1/8"
GR-8	91"	96"	106"	12"	1/8"
GR-7	79"	84"	94"	12"	1/8"
GR-6	67"	72"	82"	12"	1/8"
GR-5	55"	60"	70"	12"	1/8"
GR-4	43"	48"	58"	12"	1/8"
GR-3	31"	36"	46"	12"	1/8"
GR-2	19"	24"	34"	12"	1/8"

Part	F (1)	F (2)	G	H	I	J	K	L	M	N	O	P	Q
	Floor to Top (No Cap)	Floor to Top (w/ Cap)	Floor to Bottom of Bottom Rail	Floor to Top of Bottom Rail	Floor to Bottom of Top Rail	Floor to Top of Top Rail	Space Between Rails	Square Tube Width	Anchor Hole Diam.	Base Plate Thickness	Square Base Plate Width	Square Tubing Thickness	Floor to Bottom Rail (w/DGA)
CS-1	18.5"	19.5"	6"	18"	N/A	N/A	N/A	4.75"	.94"	5/8"	10"	1/8"	5/8"
CS-2	43"	44"	6"	18"	30"	42"	12"	4.75"	.94"	5/8"	10"	1/8"	5/8"
CS-3	43"	44"	6"	18"	30"	42"	N/A	4.75"	.94"	5/8"	10"	1/8"	5/8"

## Guard Rail Equipment Specification

### What's to Be Protected

Protection equipment is used anywhere throughout the plant. The cost of the protection equipment is minimal when considering what is being protected and the cost to repair or replace it if it is damaged.

### Protection Equipment Specification

To ensure proper protection, consider the following:

- Measure overall length of the area that is to be protected.
- Is there a protruding object or other unusual configuration to measure? (Going around corners)

- Is this a single, double or triple rail application? (The height to protect the key factor)
- Placing protection equipment a minimum of 12" in front of what you're protecting is required to achieve the proper installation.
- Do columns need to be offset on the base plate or is the column to be placed in the corner of the base plate? (Tight space conditions govern this decision)