

# RIDG-U-RAK®



**Column Sentry II™**  
**your Best Defense**  
**Against Rack Abuse!**



**RIDG-U-RAK**

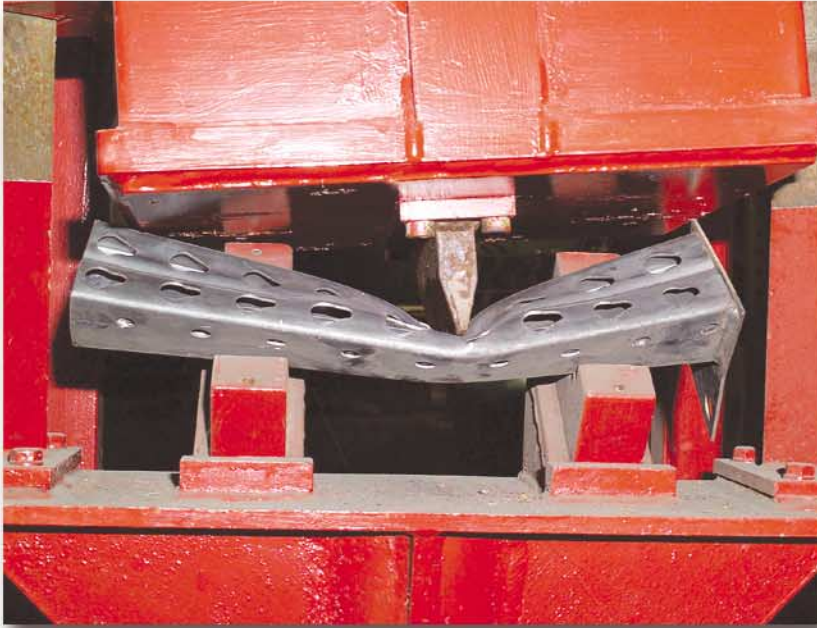
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# Abuse

is the Leading Cause of Rack Failure



*Guillotine Impact Testing best simulates the impact of a lift-truck fork.*

Measuring *Impact Resistance* offers the most accurate assessment of how a column will respond when subjected to "typical abuse" in warehousing environments. Other tests, such as Load Tests, only measure the ability of a column as it relates to capacities. Although useful, these tests offer little impact assessment.

Impact tests show that a Closed Tube design offers little additional resistance to impact



*Closed Tube Column*

## Resistance to Impact

Adding Ridg-U-Rak's Column Sentry II reinforcing results in a composite column section that increases column strength by as much as 240%; as well as increasing torsion resistance several hundred times. This results in an upright frame that is extremely resilient, impact resistant, economical and most importantly provides *tremendous residual carrying capacity after an impact occurs!*



*Column Sentry II*



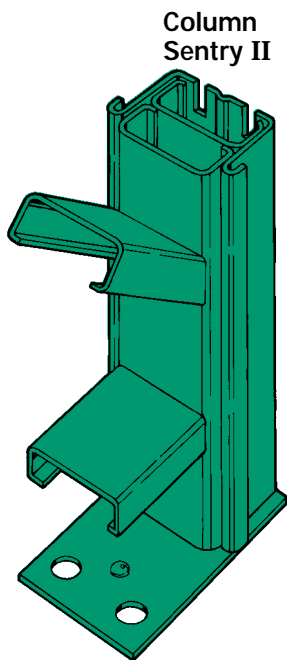
# Your Best Defense Against Rack Abuse Is...

a Certified Lift Truck Driver

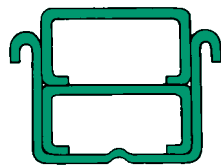
## Column Sentry II™

from **RIDG-U-RAK**

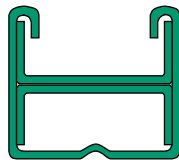
Lift-truck accidents are the most common cause of rack abuse. Whether it's head-on or from an angle, the vast majority of damage is caused from an "impact."



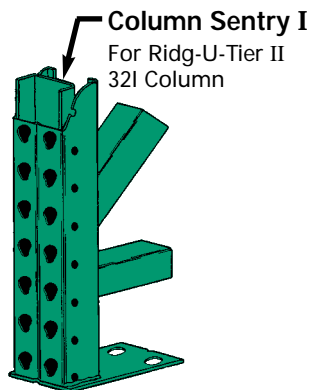
Column Sentry II



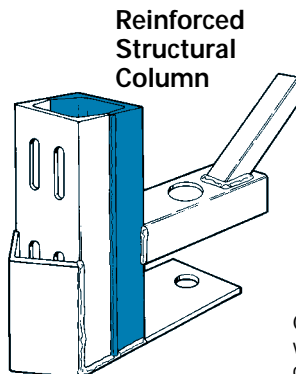
Column Sentry II reinforcing creates diaphragmed box section with double-wall thickness and more steel in corners.  
32C 3x2-1/4



Column Sentry II  
33C 3 x 2-3/4  
43C 4 x 2-3/4  
33I 3 x 2-3/4



Column Sentry I  
For Ridg-U-Tier II  
32I Column



Reinforced  
Structural  
Column

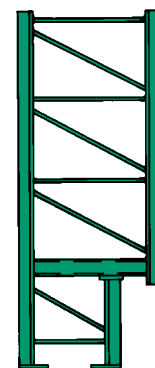
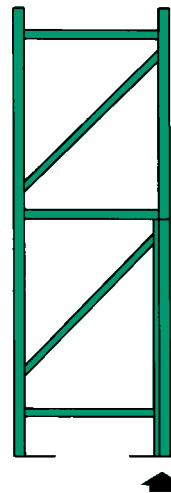
## Rack Impact Damage Control

Ridg-U-Rak's Column Sentry II reinforcing is a double-thick, double strength diaphragmed box section that provides exceptional resistance to impact damage of upright rack storage columns.

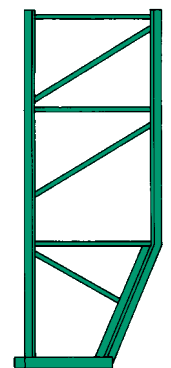
Column Sentry II reinforcing helps guard against rack failure, collapse, and local buckling; at the same time, it increases column load carrying strength.

And that's not all. Column Sentry II reinforcing is compact, thereby saving critical aisle space. Requires no more space than our standard column, and it need be applied only in critical areas subject to impact damage.

No other reinforcing method offers the protection, strength, and economy of Column Sentry II.



Set-back™ Frames



Slant-back™ Frames

Isolates the column from aisle traffic without a sacrifice in capacity.

Column Sentry II reinforcing can be applied cost-effectively where it's needed most – such as lower leg of front upright column. No need for heavy, inflexible, expensive structural components in areas where damage is unlikely to occur.

# Column Sentry II™

Not all columns are designed to be Impact Resistant





**RIDG-U-RAK's**  
**Column Sentry II...**  
**standing guard against abuse!**



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