



**Proven Solutions. Expert Advice.**

Belt Cleaning Systems

Impact Protection Systems

Material Containment Systems

Pulley Lagging

Wear Liners

Other Accessories

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



# Impact Saddles<sup>®</sup>

*worry free load zones begin with belt support and impact protection*



**Proven Solutions. Expert Advice.**

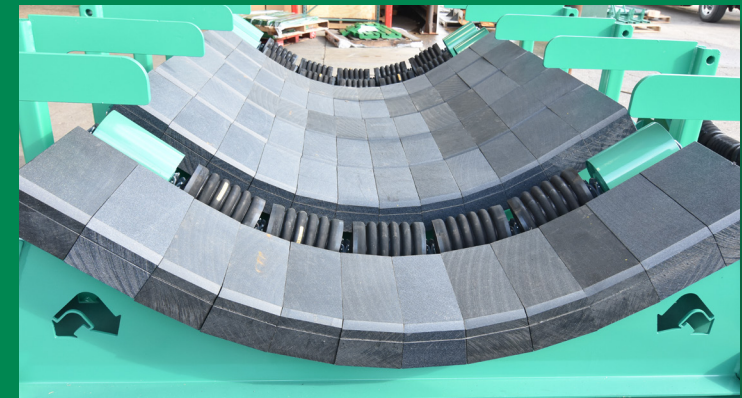


**Protect load zones**

maximum belt up time  
 reduced clean up costs  
 safer work areas  
 saved components



Richwood Impact Saddles® provide continuous support that protects the belt from tramp materials that can penetrate and rip the belt.



The smooth, curved trough supports the belt over the entire surface, preventing belt punctures and tears.

**Protect your conveyor belts from impact damage**

When your conveyor belts are damaged by rips or tears, production comes to a halt. Downtime is not an option when greater efficiency and increased production are part of your job. Yet, common causes of damage like tramp metal, roof bolts or bucket teeth can put a stop to operations. Keep your belts running and avoid typical damage experienced at loading zones by using the Impact Saddle®. Impact Saddles won't allow any gaps in support that leave the belt vulnerable to rips, tears and other types of impact damage.

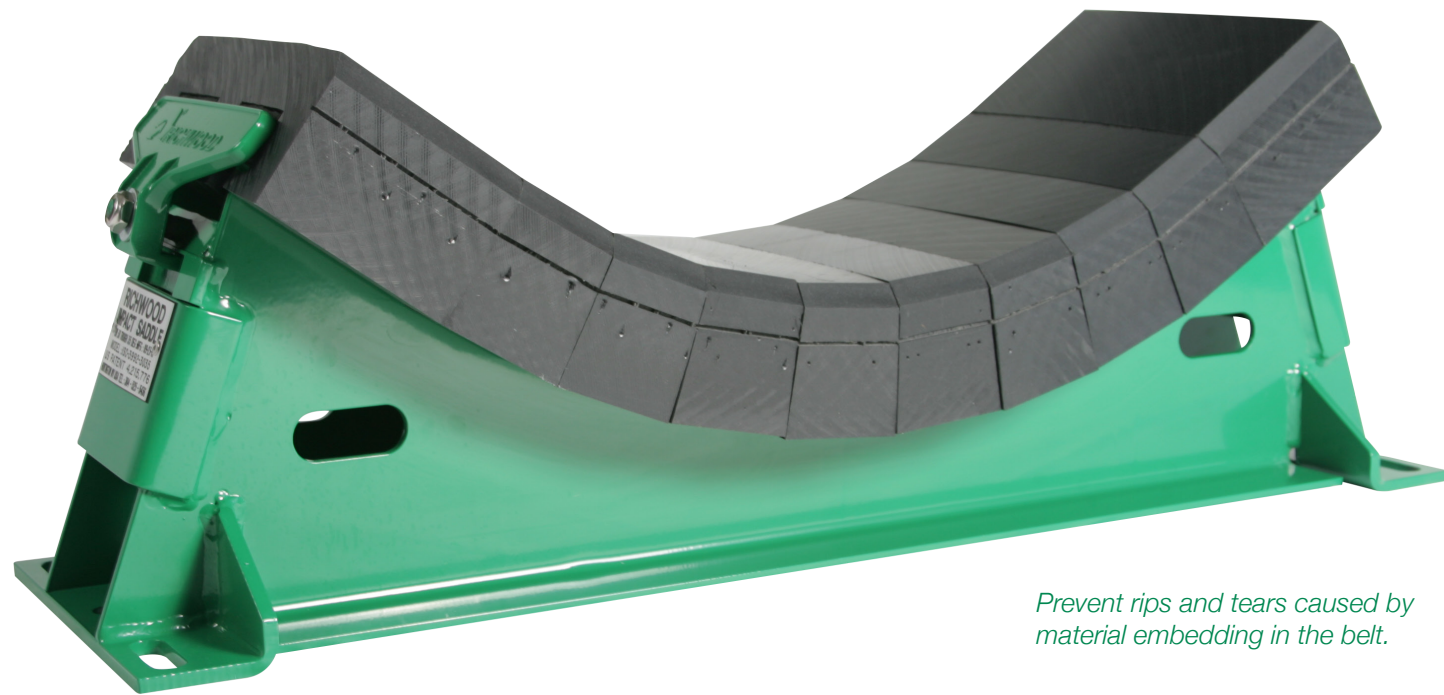
Impact Saddles consist of a heavy duty frame with removable Ultra High Molecular Weight (UHMW) wear segments that support the full width of the belt. This unique design provides continuous protection across the conveyor belt width with no support gaps. The high density segments prevent tramp metals from becoming embedded in its surface as they are safely deflected, saving the belt from serious tears. Permanent rubber shock absorbing pads on the saddle frame help dissipate the

loading impact through a transfer of energy. The low friction, slick surface of the UHMW segments allow the belt to glide smoothly and efficiently over the saddles.

Impact Saddles are designed to fit compatibly with any CEMA idler, available in any trough angle or profile. Impact Saddles can be spaced as needed to suit any loading conditions. In heavy impact areas the saddles can be spaced closely together to form a continuous impact bed. In light impact areas, saddles can be spaced apart.

For typical loading zones and high impact areas, Impact Saddles offer the ultimate in belt protection and longest lasting wear surface.

When it comes to maintenance, the only wear part is the impact segment. The UHMW wear segments can be replaced quickly and easily. Simply slide the worn segments off and insert the replacements. There is no need to replace the entire unit, only the worn segments. Rely on Richwood to protect your belts from impact.



Prevent rips and tears caused by material embedding in the belt.

**Three duty-rated series for your application:**

**LIGHT-DUTY**

Series B - CEMA L rating

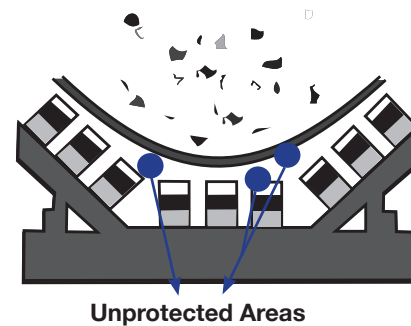
**STANDARD**

Series R - Exceeds CEMA H rating

**MAGNUM SERIES**

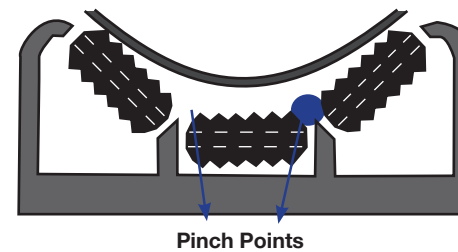
For impact applications beyond H rating

Ratings based on CEMA Standard No. 3575-2000



**Typical Bar Slider Bed**

Pinch points and support gaps between the slide surfaces are a belt hazard on bar type slider beds.



**Typical Impact Idler**

The unsupported area between rollers on standard impact idlers creates idler junction points where belt damage can occur, leading to early belt failure.

Innovative conveyor solutions for bulk material handling.



Proven Solutions. Expert Advice.

**Protect your belts from impact!**