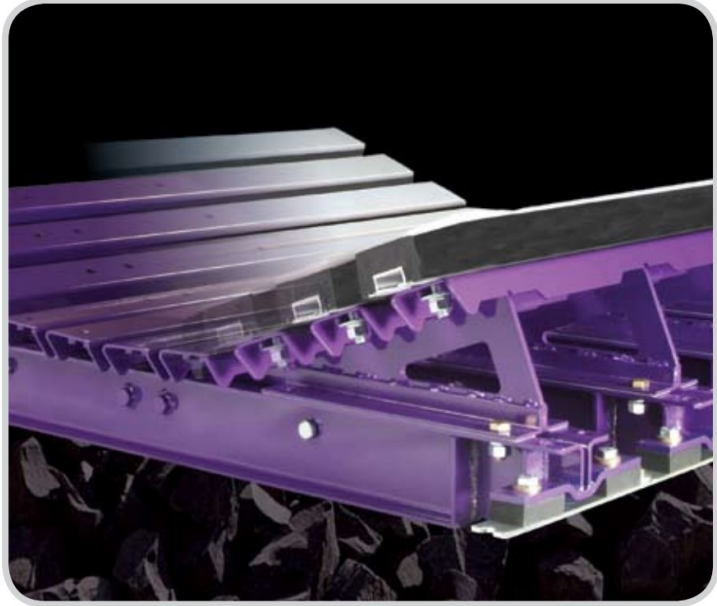


It's the Structure, Not the Bars.

Designed for Xtra Impact Relief and Maximum Belt Protection.

Flexco's DRX (Dual Relief Xtra™) Impact Beds are designed with one simple goal: protect the belt. How we meet that goal is revolutionary. We've engineered superior belt protection into the entire structure—not just the bars. Sturdy components, robust construction and convenient maintenance make our line more durable and efficient than others. Then, our exclusive Velocity Reduction Technology™ controls acceleration to deaden impact energy and reduce reaction forces, providing unmatched belt protection.

DRX™ Impact Beds



Velocity Reduction Technology™.

The DRX line features our exclusive Velocity Reduction Technology™. Our distinctive inverted-design Impact Bar Supports allow the impact bars to expand and function properly as a first level of defense against damaging impact forces. Then Isolation Mounts provide a second level of reaction force reduction, absorbing additional impact energy and minimizing transmission back to the belt. Velocity Reduction Technology delivers:

- Less belt wear and reduced belt damage for longer belt life
- Less rebounding and material degradation
- Two levels of impact absorbing force reduction

Slide-Out Service™.

DRX Impact Beds separate in the middle, allowing the two sides to slide apart and out. This unique Slide-Out Service feature gives direct access to all the bars and bolts for quick, easy and safe maintenance. The beds offer rapid conversion from run position to service position and back again. Other beds require that a two-man crew spend up to eight hours replacing the bars. With a DRX bed, that same crew can finish a complete bar change-out in just one to two hours. Further, the DRX line is designed to work with any common rubber impact bar. Use existing stock and maintain a smaller inventory for future change-outs.



Isolation mounts provide a second level of impact relief.



Each half of the bed slides out for easy maintenance.

DRX200

- For low-impact applications like sand and gravel operations.
- Recommended for -100 to -150 mm (-4 to -6 inch) materials.
- Slide-Out-Service™ for easy maintenance.



DRX750

- For medium-impact applications like hard rock and limestone operations.
- Recommended for -200 to -250 mm (-8 to -10 inch) materials.
- Provides a unique second level of impact relief.



DRX1500

- For high-impact applications like coal-fired power plants, coal prep plants and load-out facilities.
- Recommended for -300 mm (-12 inch) materials.
- Isolation Mounts ensure a second level of impact force reduction.



DRX3000

- For extreme-impact applications requiring the highest energy absorption.
- Impact Energy Absorbers disperse an immense amount of impact energy.
- Stationary skirt support bar system helps ensure a positive seal with the skirt rubber.

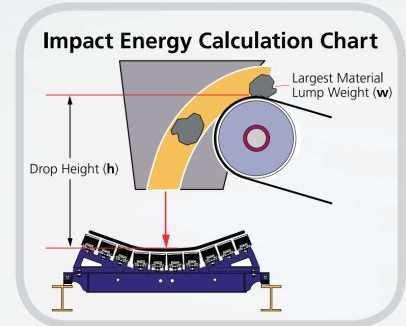


Other Features and Benefits.

- Available in 1.2 M (4 foot) and 1.5 M (5 foot) bed lengths.
- Standard impact bars have 13 mm (1/2 inch) of UHMW. Bars with 25 mm (1 inch) of UHMW are also available.
- Unique, low-cost square washers replace costly, traditional T-bolts for impact bar replacement. These innovative washers work with standard carriage bolts.
- The center four impact bars are canted 3° toward the center on each bed to aid in centering the material load.
- Anti-Migration Tabs on the bar supports prevent the impact bars from moving with the belt direction if the bolts loosen.

How to Choose the Right Impact Bed for Your Application

Just take your largest material lump weight, multiply by your drop height, and the answer is the best bed for your application.



By using this simple lb-ft formula, for whatever your application, you will know the load capacities needed to specify the best DRX™ Impact Bed to get the job done right.

Calculate Impact Energy:

Lump weight _____ lb
 x Drop length _____ ft

 Total _____ lb-ft

Match lb-ft to bed rating:

Up to 200 lb-ft.....DRX200
 200 to 750 lb-ft.....DRX750
 750 to 1500 lb-ft.....DRX1500
 1500 to 3000 lb-ft.....DRX3000

Choose roller size:

127 mm (5 inch) 152mm (6 inch)

Choose bed length:

1.2 M (4 foot) 1.5 M (5 foot)

Choose trough angle:

20° 35°