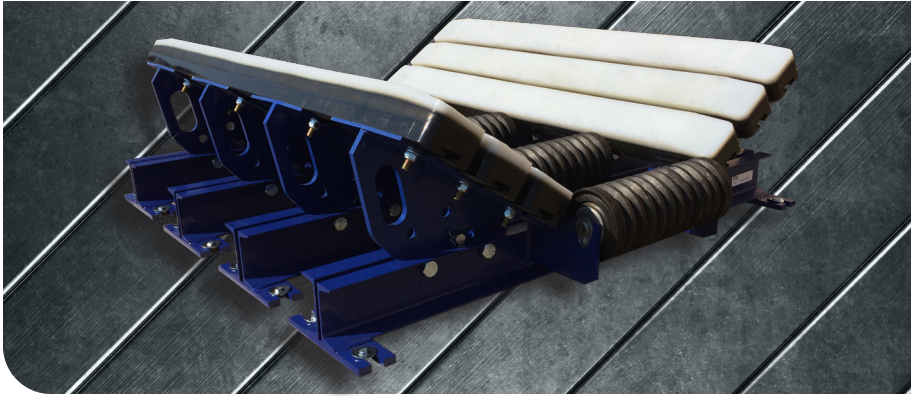




Martin Impact Slider Beds

Martin's Impact Slider Bed design reduces additional belt drag associated with conventional impact beds



Martin Impact Slider Beds provide protection against impact damage to your conveyor belt and structure by bulk materials at the loading point.

Martin Impact Slider Beds are engineered to improve sealing efficiency and to reduce spillage in the conveyor loading zone.

Benefits

Martin Impact Slider Beds offer an efficient and safe means of dispersing impact force, reducing material rebound and to assist in eliminating spillage in the loading zone.

Martin Impact Slider Beds are designed to meet today's demanding material handling applications by offering the following benefits:

- **Protects the conveyor belt**
- **Easy and safe installation**
- **Improved transfer point sealing over standard impact idlers**
- **Adjustable Wing Angle**
- **Medium Duty – up to 750 lb-ft**
 - » Compliments roll height of CEMA C and D Idlers
- **Heavy-Duty – engineered upon request**
 - » Compliments roll height of CEMA E Idlers

Uses of *Martin* Impact Slider Beds

- A combination of material (lump) size, density and drop height can cause considerable impact force that damages the conveyor belt and structure. The proper *Martin* Impact Slider should be chosen to absorb the impact energy and minimize damage.
- *Martin* Impact Slider Beds allow skirting to seal down against a solid impact bar, potentially reducing material spillage.
- Proper *Martin* Impact Slider Bed Selection Requirements:
 - » Belt Width
 - » Troughing Angle
 - » Roller Diameter and CEMA Class (typically 5" or 6" and CEMA C, D, and E)
 - » If system HP is a concern, an Impact Slider Bed will have reduced drag versus a conventional Impact Bed
 - » Bed Length
 - » Drop Height, Lump Size, and Material Density

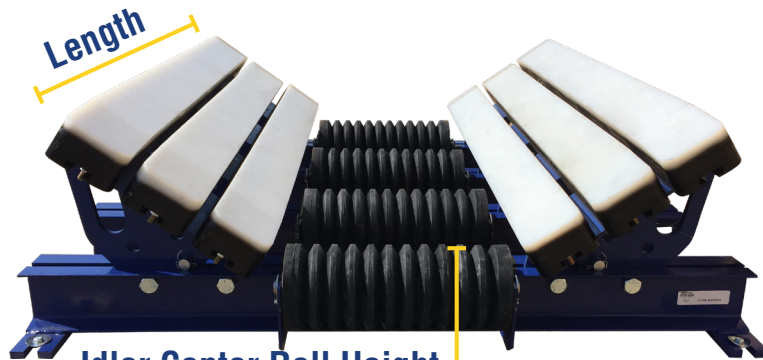
Features of *Martin* Impact Slider Beds

- **Absorbs Impact** – *Martin* Impact Slider Beds are designed with heavy-duty C-channel steel framework and standard 3" x 4" rubber impact bars on the wings that absorb the shock of heavy loads.
- **3/4" UHMW cap on the bar provides longer wear life.** The UHMW has a low coefficient of friction, reducing drag.
- **Uses stock Impact Bed frames** with center roll brackets welded in place
- **Construction** – 4' beds have 4 legs & 5' beds have 5 legs.
- **Standard Models (4' & 5' lengths)** – *Martin* Impact Slider Beds are adjustable to 20° or 35° and can be laid flat if needed.
- **MTO 45° *Martin* Impact Slider Bed** are available

Learn more about *Martin* and Material Handling solutions at:
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Martin Impact Slider Beds Selection Guide

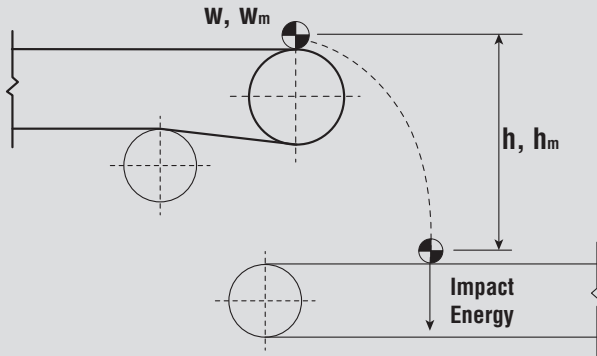


Idler Center Roll Height

When installed, the Impact Slider Bed will match the height of standard idlers.

Bolting Dimension Across Structure

Impact Energy Calculation Chart



Lump Weight (w) = Lump Size (cu.ft.) × Density

= _____ lb

Drop Height (h) = _____ ft

Impact Energy = Lump Weight × Drop Height

= _____ lb-ft

Martin 'S' bed rated to 750 lb-ft

Replacement Impact Bars

Part #	Description
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IBB-48 Replacement bar for 4ft impact beds

IBB-60 Replacement bar for 5ft impact beds

Replacement Impact Roll

Part #	Description
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D5-TI-BW CEMA D 5" Impact Roll Replacement

D6-TI-BW CEMA D 6" Impact Roll Replacement

Part Number	Description
S4-35ISB-18-4	18" BW 4' IMPACT SLIDER BED
S4-35ISB-18-5	18" BW 5' IMPACT SLIDER BED
S4-35ISB-24-4	24" BW 4' IMPACT SLIDER BED
S4-35ISB-24-5	24" BW 5' IMPACT SLIDER BED
S4-35ISB-30-4	30" BW 4' IMPACT SLIDER BED
S4-35ISB-30-5	30" BW 5' IMPACT SLIDER BED
S4-35ISB-36-4	36" BW 4' IMPACT SLIDER BED
S4-35ISB-36-5	36" BW 5' IMPACT SLIDER BED
S4-35ISB-42-4	42" BW 4' IMPACT SLIDER BED
S4-35ISB-42-5	42" BW 5' IMPACT SLIDER BED
S4-35ISB-48-4	48" BW 4' IMPACT SLIDER BED
S4-35ISB-48-5	48" BW 5' IMPACT SLIDER BED
S4-35ISB-54-4	54" BW 4' IMPACT SLIDER BED
S4-35ISB-54-5	54" BW 5' IMPACT SLIDER BED
S4-35ISB-60-4	60" BW 4' IMPACT SLIDER BED
S4-35ISB-60-5	60" BW 5' IMPACT SLIDER BED
S4-35ISB-72-4	72" BW 4' IMPACT SLIDER BED
S4-35ISB-72-5	72" BW 5' IMPACT SLIDER BED
S5-35ISB-18-4	18" BW 4' IMPACT SLIDER BED
S5-35ISB-18-5	18" BW 5' IMPACT SLIDER BED
S5-35ISB-24-4	24" BW 4' IMPACT SLIDER BED
S5-35ISB-24-5	24" BW 5' IMPACT SLIDER BED
S5-35ISB-30-4	30" BW 4' IMPACT SLIDER BED
S5-35ISB-30-5	30" BW 5' IMPACT SLIDER BED
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S5-35ISB-60-4	60" BW 4' IMPACT SLIDER BED
S5-35ISB-60-5	60" BW 5' IMPACT SLIDER BED
S5-35ISB-72-4	72" BW 4' IMPACT SLIDER BED
S5-35ISB-72-5	72" BW 5' IMPACT SLIDER BED
S6-35ISB-18-4	18" BW 4' IMPACT SLIDER BED
S6-35ISB-18-5	18" BW 5' IMPACT SLIDER BED
S6-35ISB-24-4	24" BW 4' IMPACT SLIDER BED
S6-35ISB-24-5	24" BW 5' IMPACT SLIDER BED
S6-35ISB-30-4	30" BW 4' IMPACT SLIDER BED
S6-35ISB-30-5	30" BW 5' IMPACT SLIDER BED
S6-35ISB-36-4	36" BW 4' IMPACT SLIDER BED
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S6-35ISB-48-5	48" BW 5' IMPACT SLIDER BED
S6-35ISB-54-4	54" BW 4' IMPACT SLIDER BED
S6-35ISB-54-5	54" BW 5' IMPACT SLIDER BED
S6-35ISB-60-4	60" BW 4' IMPACT SLIDER BED
S6-35ISB-60-5	60" BW 5' IMPACT SLIDER BED
S6-35ISB-72-4	72" BW 4' IMPACT SLIDER BED
S6-35ISB-72-5	72" BW 5' IMPACT SLIDER BED

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