Installation Instructions: K-SkirtSupport

Kinder Australia Product:	K-SkirtSupport
Product Category:	Conveyor skirting and sealing
Issue Date:	23/05/2022
Revision:	0

The K-Skirt Support system is a modular structure that allows the easy installation of a skirting system along a conveyor system. Many different and customisable options are available to allow various internal and external skirts to be installed.

Installation – K-SkirtSupport with K-Containment Seal

1. Fasten the Containment seal backing plates to the mounting boom using two M12 bolts per backing plate.

Initially the two centre mounting holes in the Containment seal backing (marked in red below) plate should be used. The booms can be moved to pick-up a different pair of holes if the boom interferes with other components on the conveyor such as an idler set or electrical junction cabinet. Booms for lead-in and lead-out skirts should be placed as close to the start and end of the skirted section as practical.

2. Multiple sets of booms and backing plates can be added to the conveyor system as desired.

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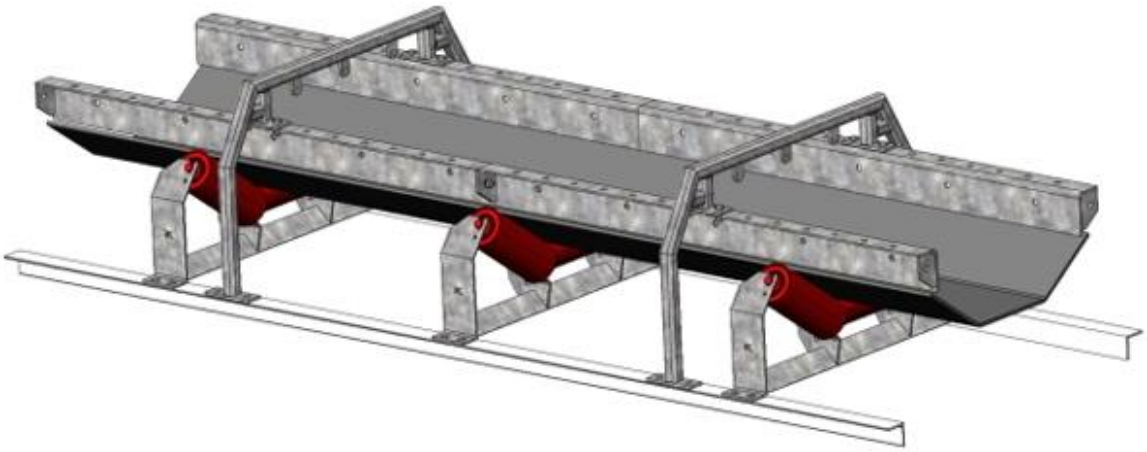
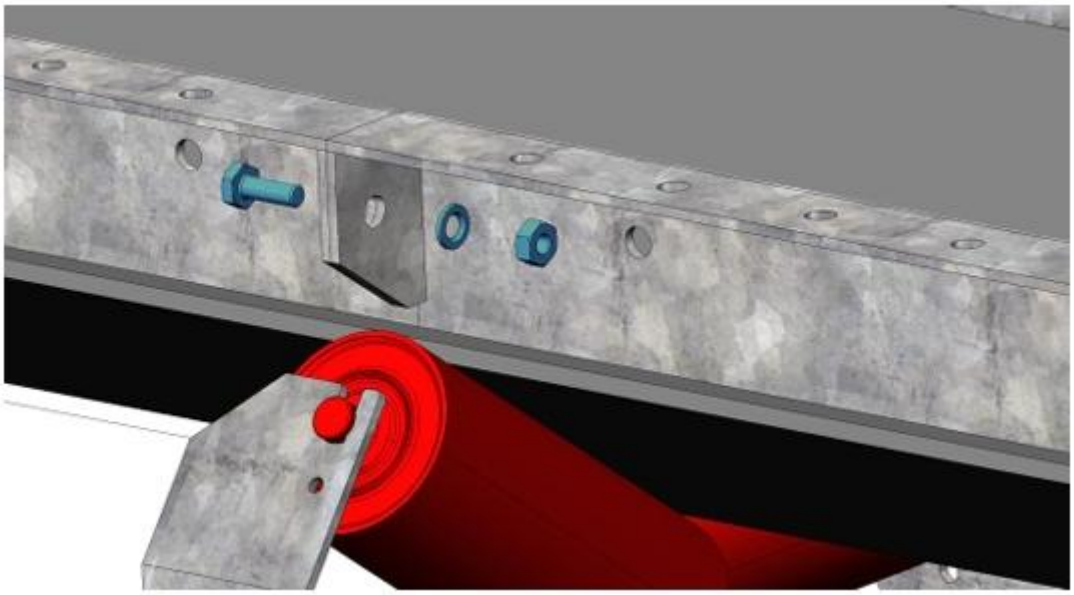


M12 bolts should be used to connect the Containment Seal backing plate flange together



3. Once in position the booms are marked out, the booms can be bolted to the conveyor structure with M16 bolts or welded to the structure if preferred.

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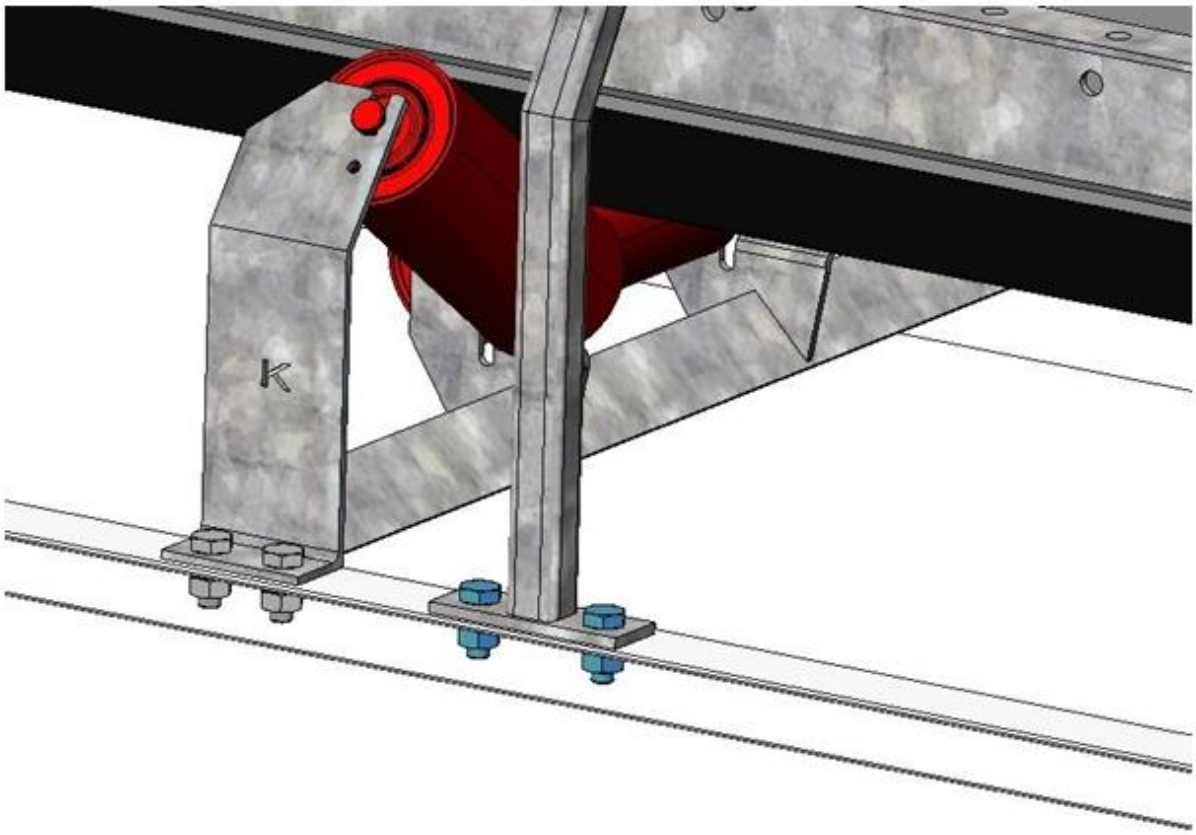
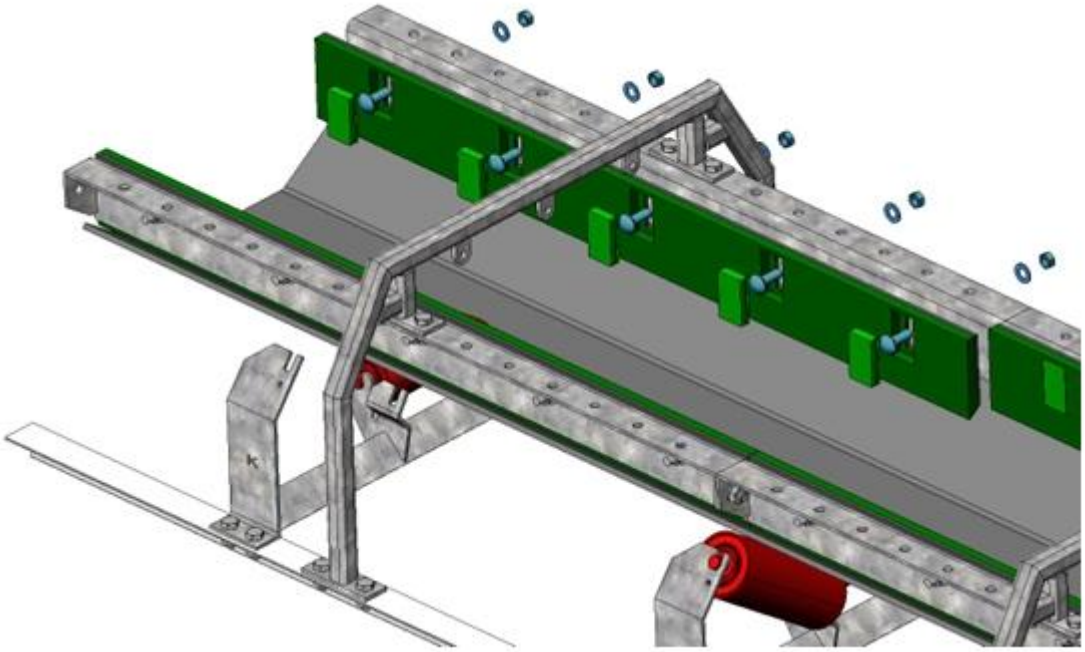


4. K-Containment seal internal skirts can now be fastened into position using the M16 cup head bolts. Refer to K-Containment Seal Installation Instructions (KDOC00078) for more details.



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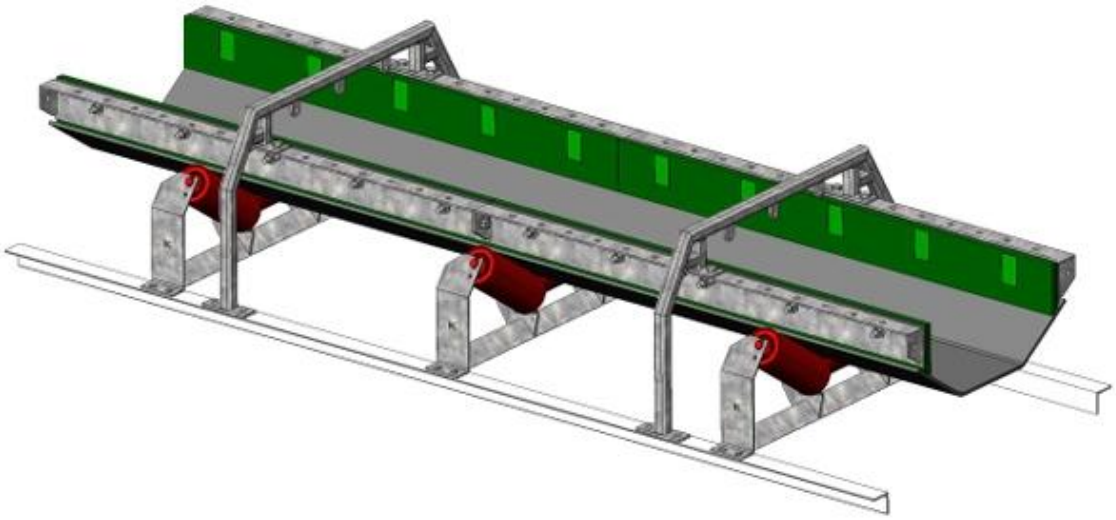
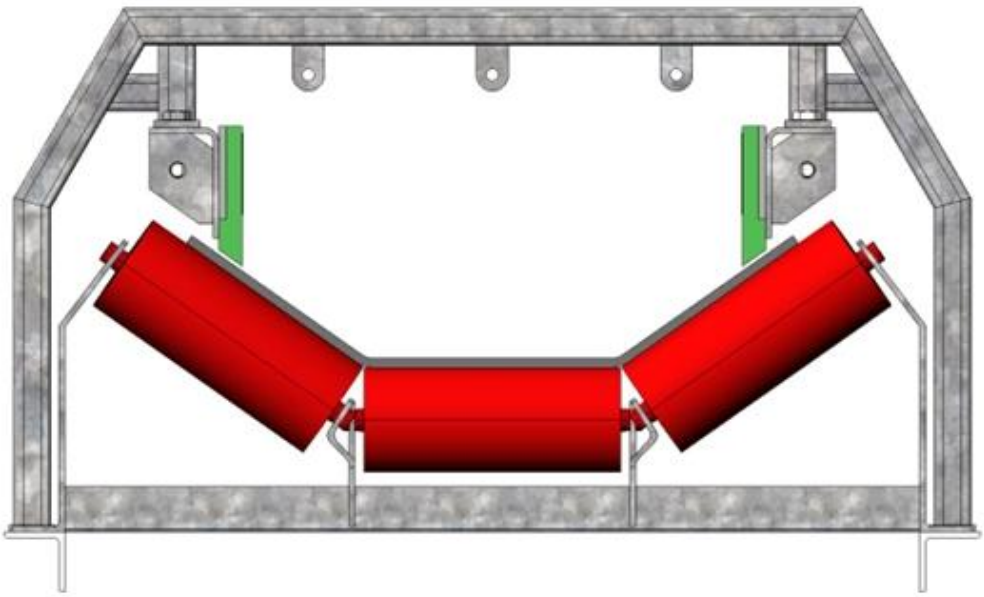
5. Slot in the K-Containment Seal can be used to raise or lower the height of the skirts. If further adjustments are necessary, shims can be placed between the structure and the booms to raise the skirts or between the booms and backing plates to lower the skirts.

6. Completed system should look as follows.





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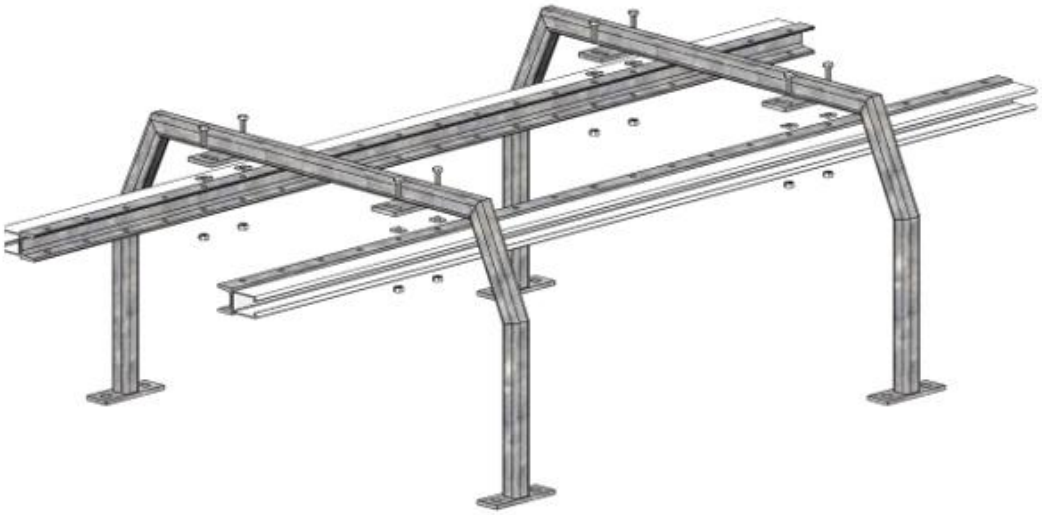
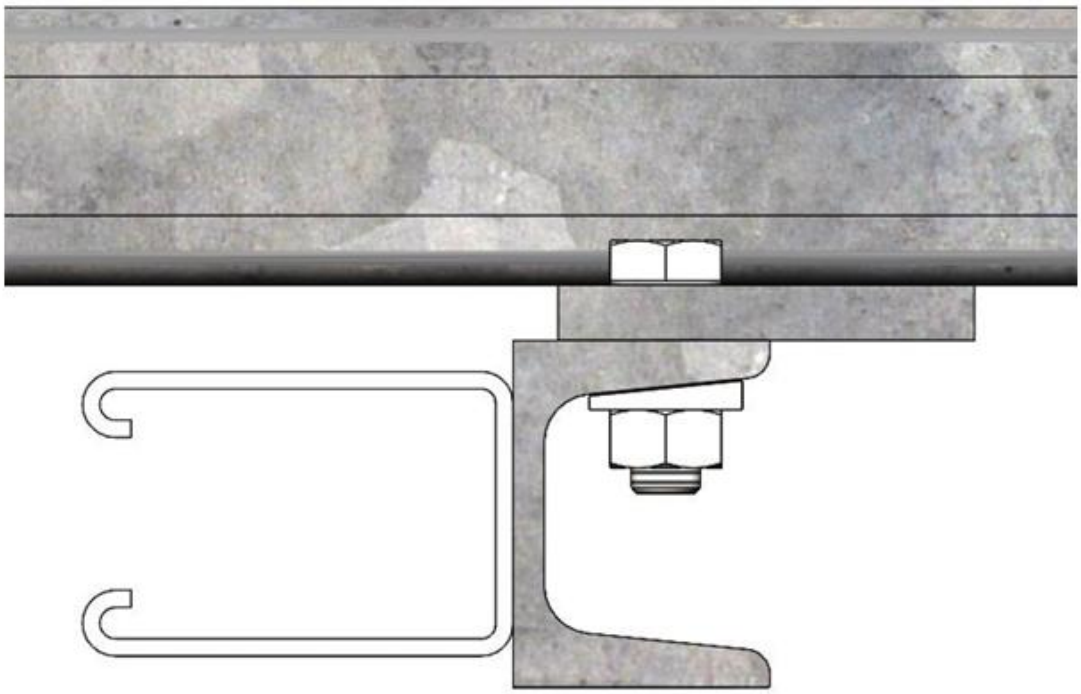
Installation – K-SkirtSupport with K-Snap Loc

1. Fasten the Snap Loc backing rails to the mounting boom using four M10 bolts per rail ensuring tapered washers are placed between the rail and hex nut. Ensuring that





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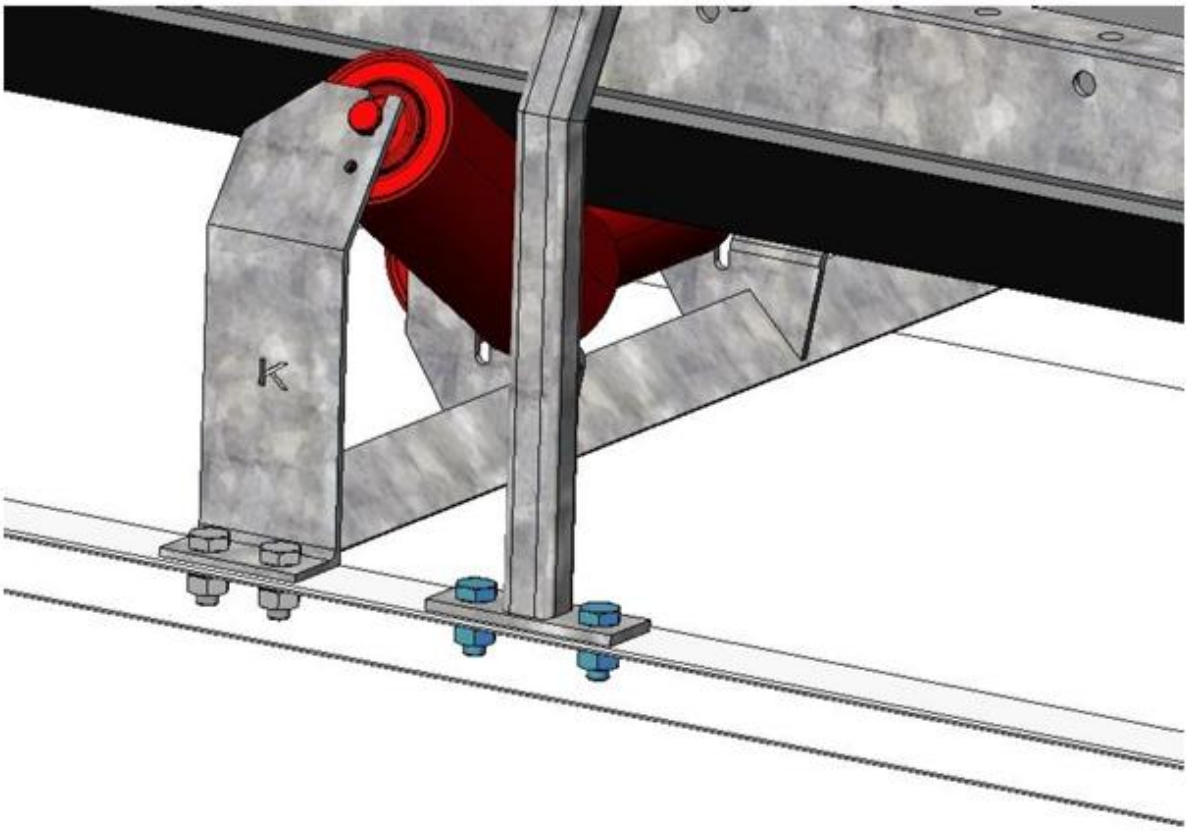
Initially, the two rails should be should be mounted to boom using the hole highlighted in red below. The booms can be moved to pick-up a different pair of holes if the boom interferes with other components on the conveyor such as an idler set or electrical junction cabinet.

2. Multiple sets of booms and rails can be placed inline with no gap between the rails to achieve the required skirted length.

3. Once in position the booms are marked out, the booms can be bolted to the conveyor structure with M16 bolts or welded to the structure if preferred.



4. K-Snap loc skirting material can be installed into the rails.

5. Pressure of the Snap Loc skirting on the belt can be adjusted by using the slot to change the location of the rails. Moving the rails outward will cause the Snap-loc to ride further up the trough and increase the pressure. Conversely, moving the rail inwards will cause the snap loc to relax and sit further down the trough, decreasing the pressure. As an initial setting, install the rails as wide as the slot allow and decrease the width if necessary.

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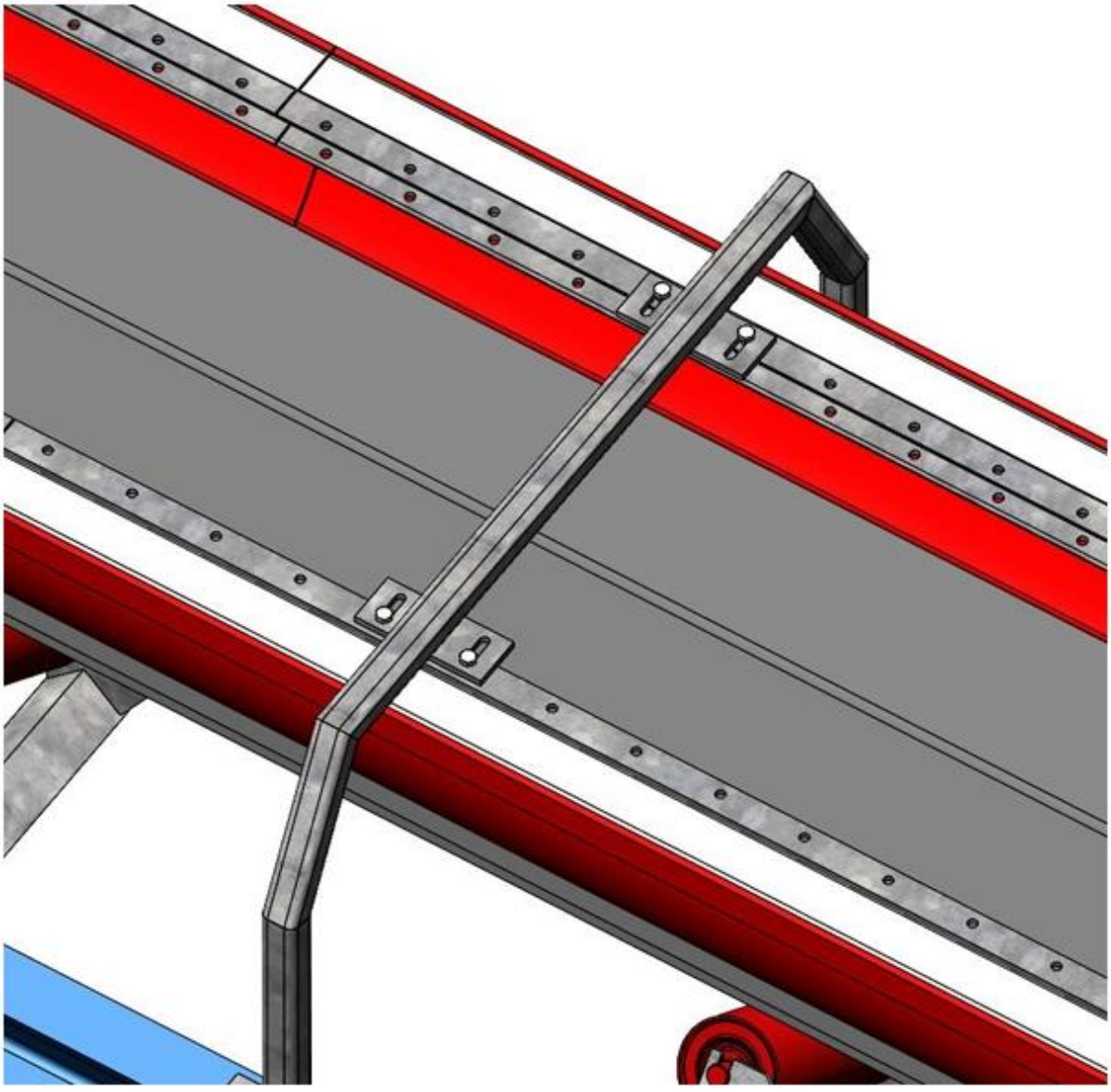

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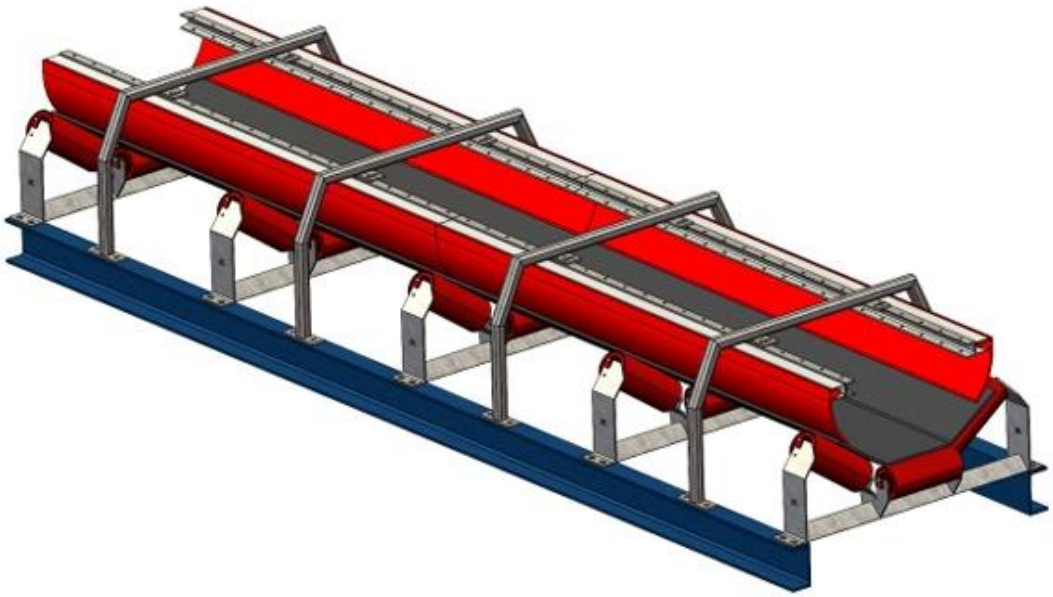

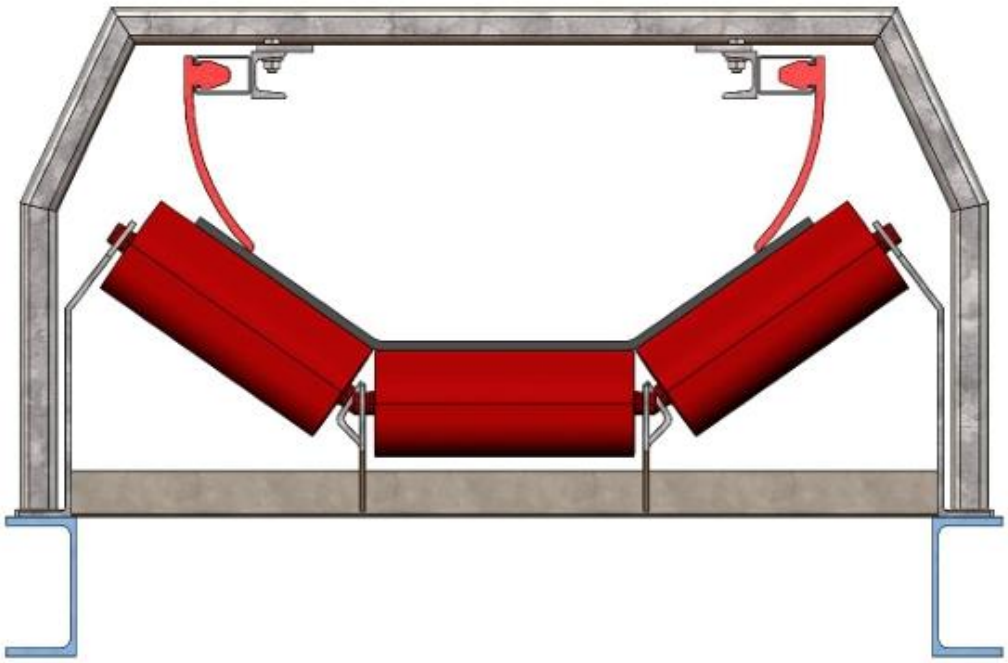

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