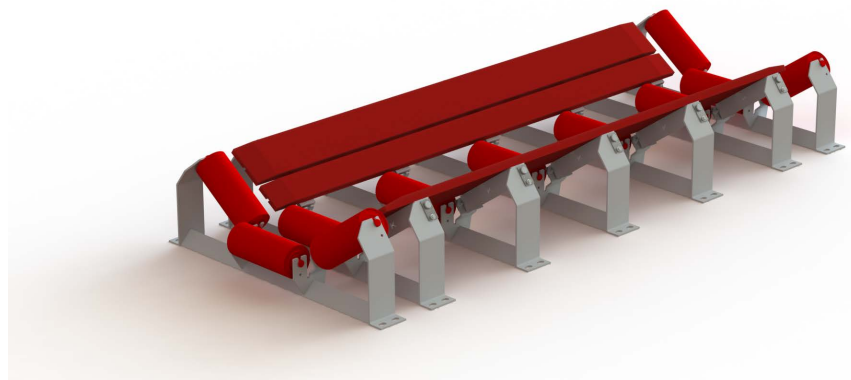


Installation Instructions - K-Sure® Belt Support System

Product: K-Sure® Belt Support System

Product category: Conveyor Skirting & Sealing

Overview: The function of the K-Sure® Belt Support System is to provide proper belt support under a conveyor transfer point. It is used for medium duty applications where the material is dropping up to approximately 1 metre. The system should not be used for high impact applications.

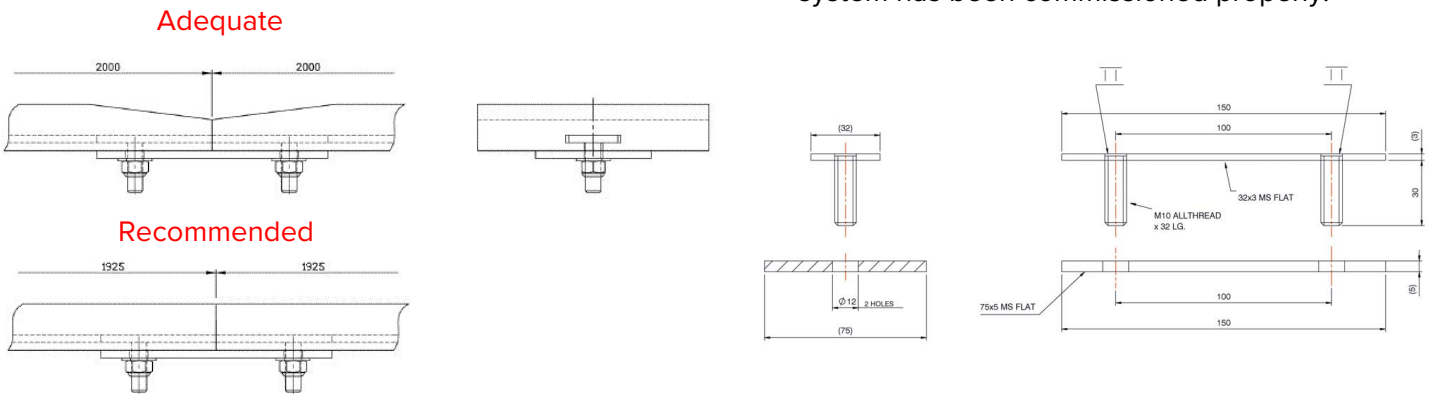


Procedure:

1. Isolate, lock and danger tag the conveyor at the main positive isolator.
2. Ensure that the quantity of brackets supplied is adequate to fully support the belt. Idler spacing should not be greater than 750mm.
3. Each bracket is supplied with "T" Bolt fasteners and the quantity should correspond with the number of holes in the adaptor bracket.
4. Remove the existing wing rollers from the idler frames and replace the wing rollers with the support brackets. Seat the brackets into the idler frame slots properly and tighten the nuts.
5. Lock support brackets in the roller frame with the supplied keeper plates and fasteners. Keeper plate holes will have to be drilled in the frame if not present or in the wrong location.

Installation Instructions - K-Sure® Belt Support System

6. Ensure that the K-Sure® Belt Support System precedes and ends with “leading on and leading off “ conveyor rollers located no more than 100 mm from the slide rails with the same trough angle.
7. Trim to length the K-Sure® Belt Support rails if required. Make sure that the tapered leading edge leads in the belt direction. Tapered ends should be present in both directions for reversing belts.
8. Fix the rails onto the support brackets using the "T" Bolt fasteners. If the system requires both narrow rail and wide rail, the wide rail should be positioned on the outer side. Ensure the rails are parallel.
9. Use joiners to properly support rails as required for installations where consecutive rails are butt joined. Remove the taper from the connected rail section if possible as this will prevent breaks in skirting contact that cause spillage. For continuously supported lengths over 2m please contact Kinder Australia for setup advice.
10. Replace the centre rollers if these were removed during installation.
11. Remove all tools and equipment.
12. Replace guards.
13. Remove personnel danger tags. Unlock main positive isolator and close. Start belt on test or manual control.
14. Run the system without load and check that the belt splice does foul with the rails. Run the system with load and check again. Check again after a production shift to ensure the system has been commissioned properly.



CONNECTOR DETAILS AT SLIDE RAIL END
FOR CONNECTING 2 RAILS (Ref. Drawing 1025 R4)

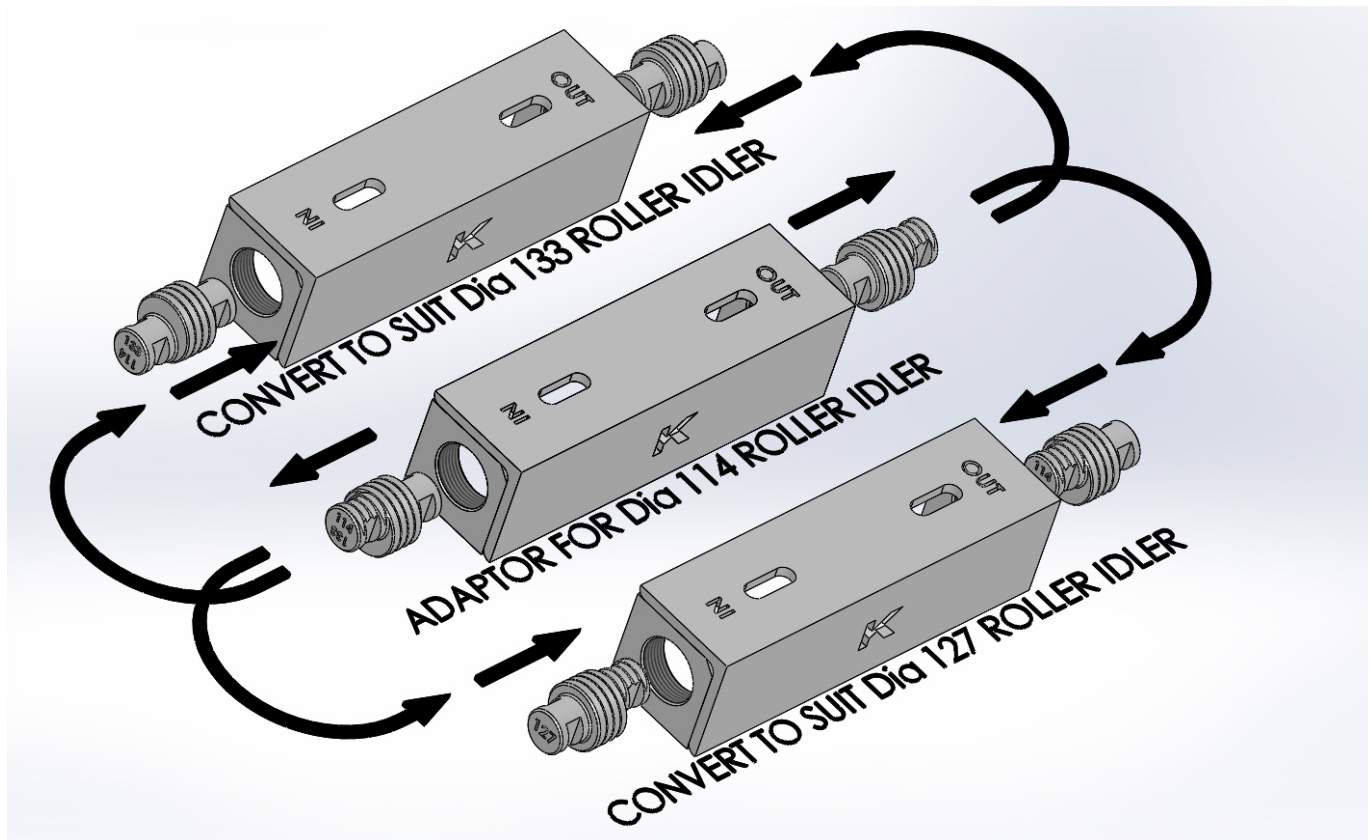
Installation Instructions - K-Sure® Belt Support System

Adaptor units are suitable for Ø114, Ø127 and Ø133 roller idlers. Retainer plates suit shaft end diameters up to 25mm

As for adaptors converting procedures between each other, please refer to figures **below**.

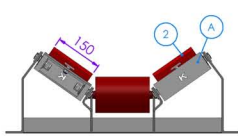
Adaptor units are also adjustable on both ends in order to suit different roller back to back distances and other distance variations etc.

When installing adaptor units into the system, make sure that the direction of units are correct, ie, the end with mark "IN" on should be close to the middle of idler and the end with mark "OUT" should be close to top outside edge of belts.

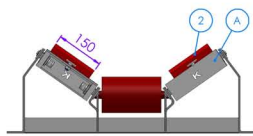


Installation Instructions - K-Sure® Belt Support System

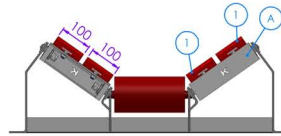
FULL RANGE OF K-SURE® BELT SUPPORT SYSTEM ASSEMBLY



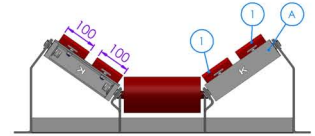
BW 450



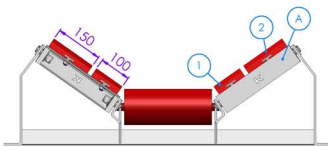
BW 500



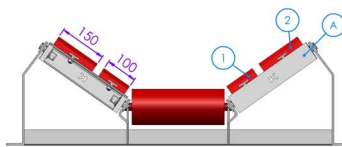
BW 600



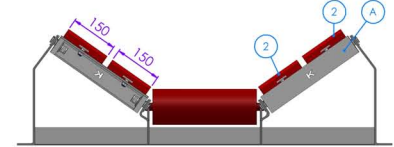
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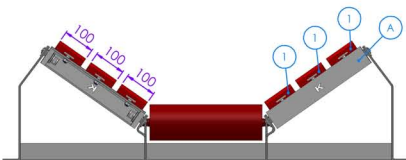
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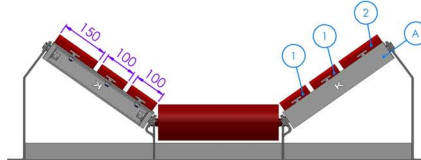
BW 800



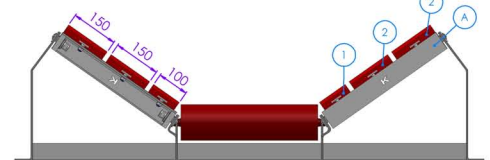
BW 900



BW 1000



BW 1050



BW 1200

BELT WIDTH	SLIDER RAIL ASSEMBLY		ADAPTOR ASSEMBLY: ITEM 'A'; 10-OFF (INCLUDES BRACKET BODY, T-BOLT M10x25 C/W NYLOC NUT & 3/8" X 1 1/4" FLAT ROUND WASHER - PART No.: K-SUP-KSTEE; AND 2-OFF RETAINING PLATES)		SLIDER RAIL TYPE 1 PART No.: K-SUP-KS100x30		SLIDER RAIL TYPE 2 PART No.: K-SUP-KS150x30	
					TYPE 100 - ITEM 1		TYPE 150 - ITEM 2	
	DWG. No.	PART No.	DWG. No.	PART No.	QTY.	CHECK	QTY.	CHECK
450	1001	K-SUP-KSUR450AS	K2620	K-SUP-ADA-450AS			2	
500	1002	K-SUP-KSUR500AS	K2621	K-SUP-ADA-500AS			2	
600	1003	K-SUP-KSUR600AS	K2622	K-SUP-ADA-600AS	4			
650	1004	K-SUP-KSUR650AS	K2623	K-SUP-ADA-650AS	4			
750	1005	K-SUP-KSUR750AS	K2624	K-SUP-ADA-750AS	2		2	
800	1295	K-SUP-KSUR800AS	K2625	K-SUP-ADA-800AS	2		2	
900	1006	K-SUP-KSUR900AS	K2626	K-SUP-ADA-900AS			4	
1000	1139	K-SUP-KSUR1000AS	K2627	K-SUP-ADA-1000AS	6			
1050	1007	K-SUP-KSUR1050AS	K2628	K-SUP-ADA-1050AS	4		2	
1200	1008	K-SUP-KSUR1200AS	K2629	K-SUP-ADA-1200AS	2		4	
LARGER BELT WIDTHS ON REQUEST								