

KINDER TM
EXPERIENCE INNOVATION PRODUCTIVITY

Issue - July 2017

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Kinder Australia Product Guide

With great anticipation, we present our latest industry standard **Product Guide**. This publication includes our comprehensive range of conveyor and bulk materials handling components, complete with size dimensions and part numbers.

Kinder Australia continues to globally source, expertly design and exclusively supply innovative products and solutions that utilise advanced engineering technology, including:

K-Dynamic Impact Belt Support System, designed for heavy duty applications and provides belt support under a conveyor belt transfer point and protects the belt from premature failure due to pinch point damage.

K-Deblinding Rods, simple and highly effective elastic polyurethane rods that are fixed to the screen for maximum screen throughput and improves the efficiency of your screening media.

Blue Polyurethane 83A FRAS Certified Polymer Formulation is now incorporated on selected Kinder Polyurethane products and features a highly durable, longer lasting, wear and abrasion resistance characteristic. Its unique properties self-extinguishes and meets the electrical resistance requirements.

For your convenience, a cross selection of customer success stories is presented throughout this publication.

Our continued success is driven by our passion and expertise to improve operational productivity for specific applications – innovative solutions which are safe, reliable and represent excellent value.

Yours sincerely



Charles Pratt
Operations Manager



K-Dynamic Impact Belt Support System – pg 21



K-Deblinding Rods – pg 118



K-Snap-Loc® Dust Seal System FRAS

YOUR KINDER AUSTRALIA SUPPORT TEAM

Below is your list of Kinder Australia Sales & Engineering contacts, who would be delighted to provide further support on any of the components within this Product Guide.

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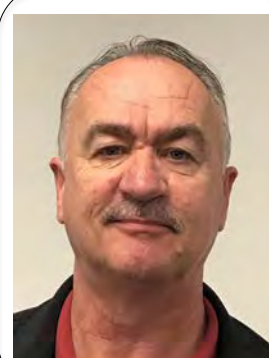
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KINDER **K**TM
EXPERIENCE INNOVATION PRODUCTIVITY

CASE STUDY: K-Sure®, K-Impact Belt Support, K-Ultra Dual

Kinder Australia Product:	K-Sure®, K-Impact Belt Support, K-Ultra Dual and Return Vee Plough
Product Category:	Conveyor Skirting & Sealing
Location:	Victoria
Conveyed Materials:	Hornsfels Hard Rock
Installation Date:	September 2016

Previous problem:

- *Dust Emissions*
- *Belt Sag*
- *Ineffective Skirting*
- *Health & Safety Hazards*

Following a meeting with Quarry Area Manager an inspection of the quarry was arranged, with the area Project, Operations and Maintenance Team, as the site was reported to be having issues with dust emission.

The transfer point under the tertiary crusher was a source of excessive spillage and dust emission. After many years of service and increased load due to plant productivity increases the belt was at capacity. This resulted in the area flooding and not containing the crushed material.

Material turbulence generating huge amount of dust in the tertiary crushing process, was ultimately escaping and causing constant emissions from conveyor belt skirting system. Dust had been reported to cause issues and blockages of the spray nozzles and the site had attempted wetting the product, however this led to binding the screens further along in the next process.

With the vertical impact drop height from the cone crusher being 2.5m and a lump size of minus 60mm provided evidence that the material was pooling, due to the material not moving in the direction of the conveyor belt. A combination of conveyor belt sag and inconsistent conveyor idler profile resulted in an ineffective skirting system, therefore resulting in the dust emissions and spillage.



ABOVE
Image of Transfer point *BEFORE*
Conveyor Upgrade

CASE STUDY: K-Sure®, K-Impact Belt Support, K-Ultra Dual

Resolution:

- *Successful installation*
- *Reduction in down-time*
- *No maintenance adjustment since installation*
- *Minimal Dust and Spillage*

Video Links

K-Impact Belt Support 

K-Sure® Belt Support 

K-Ultra Dual Seal 

After an in-depth report was submitted, this Quarry elected to overhaul the conveyor by fabricating a new tail section and followed recommendations to install: a **K-Impact Belt Support System**, a **K-Sure® Belt Support System**, **K-Ultra Dual Seal Skirting System** and a Return Vee Plough.

All 3 systems were installed during the week of the 19/09/2016. During the first follow-up meeting between the Kinder Australia Pty Ltd Operations Management and the Maintenance Team, on the 20/10/2016, it was recorded that the project upgrade was perceived as a very positive success, with minimal reported dust from the skirting system. The only dust reported was observed to be appearing from another source near the crusher discharge.

A second follow up meeting with the Maintenance Team, was conducted on the 06/01/2017 and it was advised that the upgrade was continuing to meet the site's expectations. Some additional positive observations, in that the site had experienced a reduction in downtime in the area, as the skirting hadn't required any adjustment since the installation, usually conducted monthly.

This was understood to be a combined result of the conveyor belt sag not allowing material to get up under the skirting, causing a pinch point and the polyurethane skirting tip, being an abrasion resistant material.



ABOVE
Image of Transfer point AFTER
Conveyor Upgrade



CASE STUDY: Material Containment & Dust Control

Kinder Australia Products:	K-Containment Seal & K-Snap-Loc® Dust Seal System
Product Category:	Conveyor Skirting & Transfer
Site Location:	South-Western Victoria
Conveyed Material:	Wood Chip
Location on Conveyor:	Transfer Conveyor Tower
Installation Date:	January 2016

Previous problem:



Repeating the same material spillage clean-up every week can feel like climbing a hill that gets steeper and longer with every step.

Even though you can plan to stop production so that the clean-up can be completed safely and when resources are to hand – it still doesn't make it an efficient task. Allocating resources to deal with any spillage clean-up when they could otherwise be allocated to do more productive preventative maintenance is unproductive.

This was the problem that our wood chip customer was experiencing. The Maintenance Supervisor had estimated that the spillage was costing the company approximately \$2000 each week to clean-up and take away.

Photo showing the material flow at transfer conveyor tower and surrounding wood chip spillage.

CASE STUDY: Material Containment & Dust Control

Resolution:

“Since the installation on the 18th Jan, the site has not had to re visit or clean the area up.

So in just 6 weeks already the company has saved more than \$12K.

The tower is still looking clean and doesn't look to need any attention for some time.”

Photo showing the combined installation of K-Containment Seal with the height adjustable slots, together with the simple unistrut mounted K-Snap-Loc®.

Kinder Australia recommended the installation of K-Containment Seal to effectively contain the bulk wood chip material and handle the high internal chute pressure.

K-Containment Seal is a high performance, low friction engineered polyurethane system that provides exceptional resistance to wear. The slotted arrangement allows for installation adjustment to ensure that material cannot be entrapped leading to premature belt damage.

The K-Snap-Loc® Dust Seal System was also installed in combination with K-Containment Seal. This strong and very pliable polyurethane's inherent “memory-set” applies efficient downward pressure on to the belt's surface to create a fine tight seal without the need for any further manual adjustment.



CASE STUDY: K-Ultra Dual Seal

Kinder Australia product:	K-Ultra Dual Seal
Product category:	Conveyor Skirting & Sealing
Location:	South-East Victoria
Conveyed materials:	Granite 40mm minus (99% 20mm minus)
Conveyed belt width:	900mm
Drop height:	Vertical drop of 2.5 metres
Rate:	300 tonnes per hour
Installation:	12 month wear life

Previous problem:



Based in south-east Victoria, our customer's core activity is the extraction and provision of granite based aggregates, of upto 40mm minus. Situated on the edge of reclaimed swampland, the quarried material has a **high silica content** and so the operations required effective dust suppression in order to meet **OHS regulations** in line with environmental policies as well as provide adequate working conditions for workers.

When the quarry manager started work at the site, a rubber skirting was being used to contain the conveyed product. With the heavy abrasion of the granite, and the drop height of 2.5 metres, the rubber skirt was **only lasting 2 months** before it needed to be changed out and replaced. The containment of the fine dust particles was satisfactory, but could be improved.

CASE STUDY: K-Ultra Dual Seal

Resolution:

K-Ultra Dual Seal – Key Features

- Reduces dust leakage
- Wear resistant
- Low contact pressure
- Long life
- Belt friendly
- Supplied in 10m rolls (15mm x 150mm)



Above: 3-D drawing showing K-Ultra Dual Seal's dual polyurethane facings (red tips).

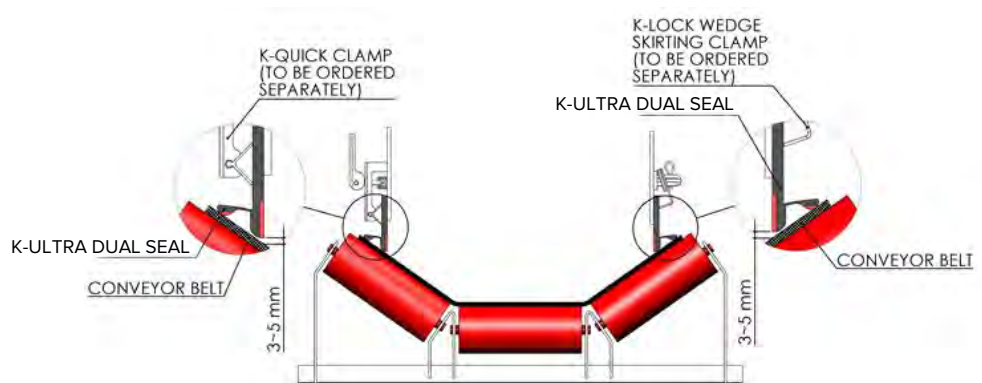
Right: Diagram showing correct installation of K-Ultra Dual Seal using 2 different types of clamp.

Because the Quarry Manager had used **K-Ultra Dual Seal** at a previous quarry, he could compare the existing rubber skirting's performance with that of **K-Ultra Dual Seal**. Overall it was costing the site more money in the long run to purchase replacement rubber skirting every 2 months, and wasting valuable production time to shut down the conveying equipment to install it. It was not an efficient use of time and resources.

Having this prior knowledge of **K-Ultra Dual Seal**, the Quarry Manager felt confident that there was no other product that combined the unique dual capabilities of **K-Ultra Dual Seal**:

1. The interior facing wear resistant layer of polyurethane exceeds the wear life of traditional rubber-only skirting.
2. The outer anti-dust integral moulding can adapt to belt vibration and maintain the correct pressure to effectively seal the belt.

Our customer confirmed that the change over and installation was not complicated and took the anticipated 2 resources to install as part of a planned maintenance schedule. K-Ultra Dual Seal has not disappointed and lasts approximately **12 months in regular production** and suppresses the dust more effectively.



K-Sure® Belt Support System

BELT SUPPORT

BW	Description	Part Number
450	K-Sure® Belt 2mtr kit includes; 2 x Slider Rail Type 2, 10 x 450BW Adaptor Assy, 10 x Rail T-Bolt	K-SUP-450AS
500	K-Sure® Belt 2mtr kit includes; 2 x Slider Rail Type 2, 10 x 500BW Adaptor Assy, 10 x Rail T-Bolt	K-SUP-500AS
600	K-Sure® Belt 2mtr kit includes; 4 x Slider Rail Type 1, 10 x 600BW Adaptor Assy, 20 x Rail T-Bolt	K-SUP-600AS
650	K-Sure® Belt 2mtr kit includes; 4 x Slider Rail Type 1, 10 x 650BW Adaptor Assy, 20 x Rail T-Bolt	K-SUP-650AS
750	K-Sure® Belt 2mtr kit includes; 2 x Slider Rail Type 1, 2 x Slider Rail Type 2, 10 x 750BW Adaptor Assy, 20 x Rail T-Bolt	K-SUP-750AS
800	K-Sure® Belt 2mtr kit includes; 2 x Slider Rail Type 1, 2 x Slider Rail Type 2, 10 x 800BW Adaptor Assy, 20 x Rail T-Bolt	K-SUP-800AS
900	K-Sure® Belt 2mtr kit includes; 4 x Slider Rail Type 2, 10 x 900BW Adaptor Assy, 20 x Rail T-Bolt	K-SUP-900AS
1000	K-Sure® Belt 2mtr kit includes; 6 x Slider Rail Type 1, 10 x 1000BW Adaptor Assy, 30 x Rail T-Bolt	K-SUP-1000AS
1050	K-Sure® Belt 2mtr kit includes; 4 x Slider Rail Type 1, 2 x Slider Rail Type 2, 10 x 1050BW Adaptor Assy, 30 x Rail T-Bolt	K-SUP-1050AS
1200	K-Sure® Belt 2mtr kit includes; 2 x Slider Rail Type 1, 4 x Slider Rail Type 2, 10 x 1200BW Adaptor Assy, 30 x Rail T-Bolt	K-SUP-1200AS

| KEY FEATURES | Limits belt damage | Controls spillage | Reduces dust leakage | Fits into existing idler frames | Easy to install |

| KEY BENEFITS | Effective performance can only be achieved by proper belt support | Material spillage due to belt sag can easily be controlled by fitting this system which utilises the existing idler frame |

NOTE: Trough frame and centre rollers not included - installation instructions available on request. For larger BW's or custom units please contact Kinder Australia Sales Engineer.

Above assemblies suitable for roller diameters 114, 127 + 133mm.
Contact Kinder Australia Sales Engineer for other roller diameter applications.

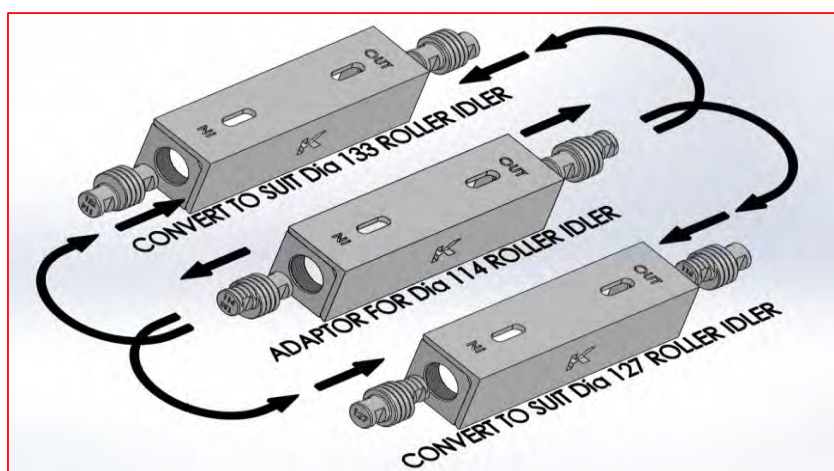


K-Sure® Belt Support Replacement Parts

BELT SUPPORT

BW	Description	Part Number
450	Sure Support Adaptor Bracket 450	K-ADA-K2620
500	Sure Support Adaptor Bracket 500	K-ADA-K2621
600	Sure Support Adaptor Bracket 600	K-ADA-K2622
650	Sure Support Adaptor Bracket 650	K-ADA-K2623
750	Sure Support Adaptor Bracket 750	K-ADA-K2624
800	Sure Support Adaptor Bracket 800	K-ADA-K2625
900	Sure Support Adaptor Bracket 900	K-ADA-K2626
1000	Sure Support Adaptor Bracket 1000	K-ADA-K2627
1050	Sure Support Adaptor Bracket 1050	K-ADA-K2628
1200	Sure Support Adaptor Bracket 1200	K-ADA-K2629

Above assemblies suitable for roller diameters 114, 127 + 133mm.
Other belt widths available upon request
Contact Kinder Australia Sales Engineer for other roller diameter applications.



K-Sure® Belt Support Replacement Parts

BELT SUPPORT

Description	Part Number
Support - Slider Rail 30 x 100 x 2000mm K-Sure Type 1	K-SUP-KS100x30
Support - Slider Rail 30 x 150 x 2000mm K-Sure Type 2	K-SUP-KS150x30
Sure Support Joiner Set	K-SUP-JOIN-1025
Support - Rail T-Bolt M10x25 + 1 x 3/8" x 1-1/4" SS Washer + 1 M10 Nylon Nut	K-SUP-T-BOLT-AS

K-Impact Belt Support System

BELT SUPPORT

Light Duty - LDF - comes with 55mm x 100mm x 1500mm standard bars

BW	Description	Impact Bar Dim (mm)	Bars	Part Number
500	Light Duty 2 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF6-2-500A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF8-2-500A
600	Light Duty 2 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF6-2-600A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF8-2-600A
650	Light Duty 2 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF6-2-650A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF8-2-650A
750	Light Duty 2 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF6-2-750A
	Light Duty 2 Support 6mm plate	55 x 100 x 1500	7	K-IMP-CRA-LDF6-2-750A
	Light Duty 2 Support 6mm plate	55 x 100 x 1500	8	K-IMP-CRA-LDF6-2-750A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF8-2-750A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	7	K-IMP-CRA-LDF8-2-750A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	8	K-IMP-CRA-LDF8-2-750A
800	Light Duty 2 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF6-2-800A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-LDF8-2-800A
900	Light Duty 2 Support 6mm plate	55 x 100 x 1500	9	K-IMP-CRA-LDF6-2-900A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	9	K-IMP-CRA-LDF8-2-900A
1000	Light Duty 2 Support 6mm plate	55 x 100 x 1500	9	K-IMP-CRA-LDF6-2-100A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	9	K-IMP-CRA-LDF8-2-1000A
1050	Light Duty 2 Support 6mm plate	55 x 100 x 1500	9	K-IMP-CRA-LDF6-2-1050A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	9	K-IMP-CRA-LDF8-2-1050A
1200	Light Duty 2 Support 6mm plate	55 x 100 x 1500	12	K-IMP-CRA-LDF6-2-1200A
	Light Duty 2 Support 8mm plate	55 x 100 x 1500	12	K-IMP-CRA-LDF8-2-1200A

| KEY FEATURES | No moving parts | Energy absorbing Impact Bars | Modular design | Prevents belt damage | Prevents spillage |

NOTE: Standard frames to be painted, contact Kinder Australia Sales Engineer for galvanised frames.



K-Impact Belt Support System

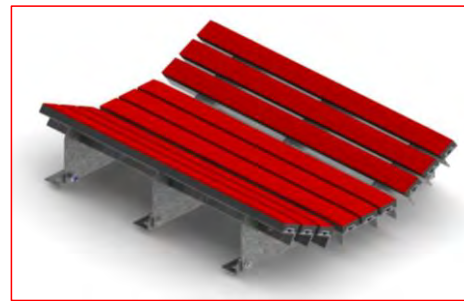
BELT SUPPORT

Light Duty - HLDF - comes with 55mm x 100mm x 1500mm standard bars

BW	Description	Impact Bar Dim (mm)	Bars	Part Number
500	Light Duty 3 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF6-3-500A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF8-3-500A
600	Light Duty 3 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF6-3-600A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF8-3-600A
650	Light Duty 3 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF6-3-650A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF8-3-650A
750	Light Duty 3 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF6-3-750A
	Light Duty 3 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF6-3-750A
	Light Duty 3 Support 6mm plate	55 x 100 x 1500	7	K-IMP-CRA-HLDF6-3-750A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	7	K-IMP-CRA-HLDF8-3-750A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	8	K-IMP-CRA-HLDF8-3-750A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	8	K-IMP-CRA-HLDF8-3-750A
800	Light Duty 3 Support 6mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF6-3-800A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	6	K-IMP-CRA-HLDF8-3-800A
900	Light Duty 3 Support 6mm plate	55 x 100 x 1500	9	K-IMP-CRA-HLDF6-3-900A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	9	K-IMP-CRA-HLDF8-3-900A
1000	Light Duty 3 Support 6mm plate	55 x 100 x 1500	9	K-IMP-CRA-HLDF6-3-1000A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	9	K-IMP-CRA-HLDF8-3-1000A
1050	Light Duty 3 Support 6mm plate	55 x 100 x 1500	10	K-IMP-CRA-HLDF6-3-1050A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	10	K-IMP-CRA-HLDF8-3-1050A
1200	Light Duty 3 Support 6mm plate	55 x 100 x 1500	12	K-IMP-CRA-HLDF6-3-1200A
	Light Duty 3 Support 8mm plate	55 x 100 x 1500	12	K-IMP-CRA-HLDF8-3-1200A

KEY FEATURES | No moving parts | Energy absorbing Impact Bars | Modular design | Prevents belt damage | Prevents spillage |

NOTE: All impact cradles are available in standard or load zone impact bars. Standard frames to be painted, contact Kinder Australia Sales Engineer for galvanised frames.

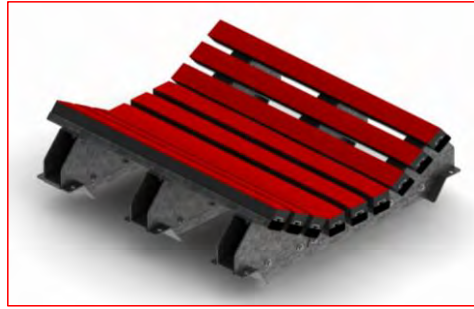
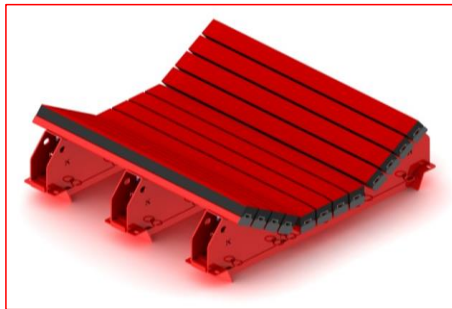


K-Impact Belt Support System

BELT SUPPORT

Medium Duty - MDF - comes with 77mm x 100mm x 1400mm standard bars

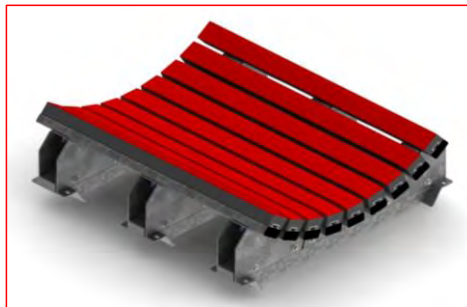
BW	Description	Impact Bar Dim (mm)	Bars	Part Number
900	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	9	K-IMP-CRA-MDF8-3-900A
1000	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	9	K-IMP-CRA-MDF8-3-1000A
1050	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	9	K-IMP-CRA-MDF8-3-1050A
1200	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	12	K-IMP-CRA-MDF8-3-1200A
1350	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	12	K-IMP-CRA-MDF8-3-1350A
1400	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	13	K-IMP-CRA-MDF8-3-1400A
1500	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	15	K-IMP-CRA-MDF8-3-1500A
1600	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	15	K-IMP-CRA-MDF8-3-1600A



Medium Duty - MDR - comes with 77mm x 100mm x 1400mm standard bars

BW	Description	Impact Bar Dim (mm)	Bars	Part Number
900	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	9	K-IMP-CRA-MDR8-3-900A
1000	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	9	K-IMP-CRA-MDR8-3-1000A
1050	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	11	K-IMP-CRA-MDR8-3-1050A
1200	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	11	K-IMP-CRA-MDR8-3-1200A
1350	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	12	K-IMP-CRA-MDR8-3-1350A
1400	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	13	K-IMP-CRA-MDR8-3-1400A
1500	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	14	K-IMP-CRA-MDR8-3-1500A
1600	Medium Duty 3 Support 8mm plate	77 x 100 x 1400	15	K-IMP-CRA-MDR8-3-1600A

NOTE: All impact cradles are available in standard or load zone impact bars. Standard frames to be painted, contact Kinder Australia Sales Engineer for galvanised frames.

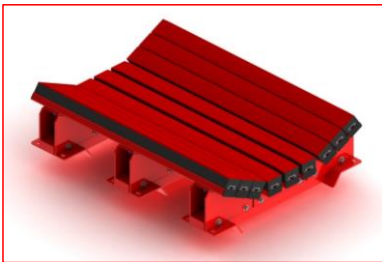


K-Impact Belt Support System

BELT SUPPORT

Heavy Duty - HDF - comes with 77mm x 100mm x 1400mm standard bars

BW	Description	Impact Bar Dim (mm)	Bars	Part Number
900	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	9	K-IMP-CRA-HDF10-3-900A
1000	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	9	K-IMP-CRA-HDF10-3-1000A
1050	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	9	K-IMP-CRA-HDF10-3-1050A
1200	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	12	K-IMP-CRA-HDF10-3-1200A
1350	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	12	K-IMP-CRA-HDF10-3-1350A
1400	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	13	K-IMP-CRA-HDF10-3-1400A
1500	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	15	K-IMP-CRA-HDF10-3-1500A
1600	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	15	K-IMP-CRA-HDF10-3-1600A
1800	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	15	K-IMP-CRA-HDF10-3-1800A



NOTE: Example only, gussets available as an extra option

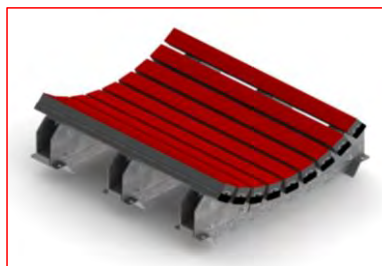
Combi version shown above (option) Extra cost

K-Impact Belt Support System

BELT SUPPORT

Heavy Duty - HDR - comes with 77mm x 100mm x 1400mm standard bars

BW	Description	Impact Bar Dim (mm)	Bars	Part Number
900	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	9	K-IMP-CRA-HDR10-3-900A
1000	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	9	K-IMP-CRA-HDR10-3-1000A
1050	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	11	K-IMP-CRA-HDR10-3-1050A
1200	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	11	K-IMP-CRA-HDR10-3-1200A
1350	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	12	K-IMP-CRA-HDR10-3-1350A
1400	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	13	K-IMP-CRA-HDR10-3-1400A
1500	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	14	K-IMP-CRA-HDR10-3-1500A
1600	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	15	K-IMP-CRA-HDR10-3-1600A
1800	Heavy Duty 3 Support 10mm plate	77 x 100 x 1400	15	K-IMP-CRA-HDR10-3-1800A



NOTE: Example only, gussets available as an extra option. Standard frames to be painted, contact Kinder Australia Sales Engineer for galvanised frames and heavier duty models.

K-Dynamic Impact Belt Support System

BELT SUPPORT

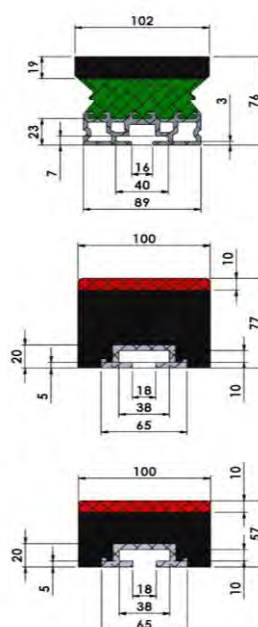
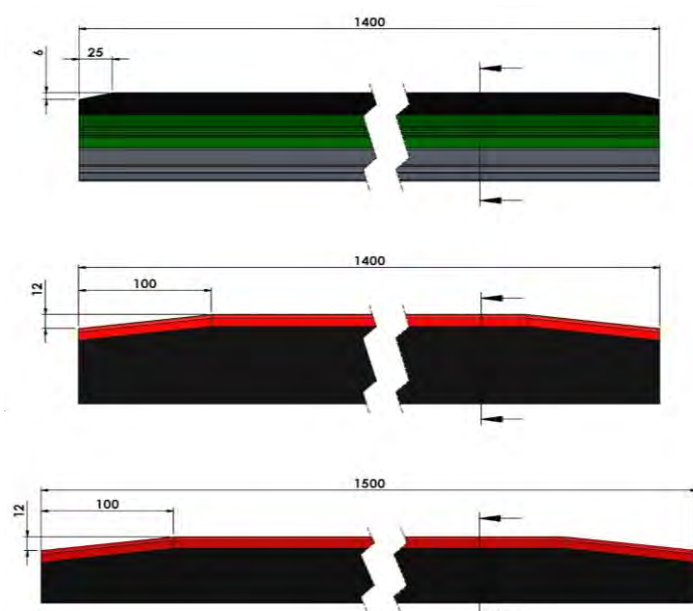
BW	Description	Part Number
900	Dynamic Impact Cradle	K-IMP-CRA-DY900A
1000	Dynamic Impact Cradle	K-IMP-CRA-DY1000A
1050	Dynamic Impact Cradle	K-IMP-CRA-DY1050A
1200	Dynamic Impact Cradle	K-IMP-CRA-DY1200A
1350	Dynamic Impact Cradle	K-IMP-CRA-DY1350A
1400	Dynamic Impact Cradle	K-IMP-CRA-DY1400A



K-Impact Conveyor Slider Bars

BELT SUPPORT

Description	Part Number
K-Impact Slider Bar 55 x 100 x 1500mm - FR - including M12x40 Bolt Set x 3	K-IMP-BAR55x100x1500AS
K-Impact Slider Bar 77 x 100 x 1400mm - FR - including M16x90 Bolt Set x 3	K-IMP-BAR77x100x1400AS
Impact - Load Zone V2 - 77 x 100 x 1400mm Insert uses a standard grade 8, 1/2 inch bolt and flat washer (not included) Heavy Duty Design	K-IMP-CP-IB-3455-A-G69



77 x 102 x 1400mm
Load Zone Impact Bar V2

77 x 100 x 1400mm
Standard Impact Bar

55 x 100 x 1500mm
Standard Impact Bar

Replacement Parts

BELT SUPPORT

Description	Part Number
Fastener - T-Bolts M12 x 40 for K-Impact Slider Bar	K-FAS-T-BOLT M12x40
Fastener - T-Bolts M16 x 90 for K-Impact Slider Bar	K-FAS-T-BOLT M16x90

NOTE: T-Bolts include washers & nuts

K-Snap-Loc® Dust Seal System

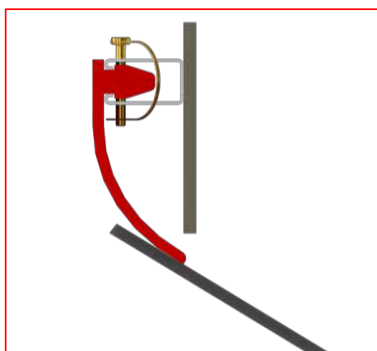
FRAS OPTION

CONVEYOR SKIRTING & SEALING

Description	Height (mm)	Length (m)	Thickness (mm)	Part Number
K-Snap-Loc® Assembly	127	15.25	9.7	K-KARGSLDS125-AS
K-Snap-Loc® Assembly	150	15.25	9.7	K-KARGSLDS150-AS
K-Snap-Loc® Assembly	230	15.25	9.7	K-KARGSLDS230-AS
K-Snap-Loc® Assembly	355	15.25	9.7	K-KARGSLDS355-AS

| KEY FEATURES | Suitable for all belt widths and trough angles | Field tested with 8-10 times the wear life over quality rubber | 60% less coefficient of friction than rubber | More energy efficient than rubber | Available in fire retardant, fire resistant and anti-static formulas |

Note: Assembly complete with 8 x K-Snap-Loc® Rails, 2 x retaining pins & 1 x 15.25mtr K-Snap-Loc® FRAS is also available (FRAS only applies for **RU83 Duro**)



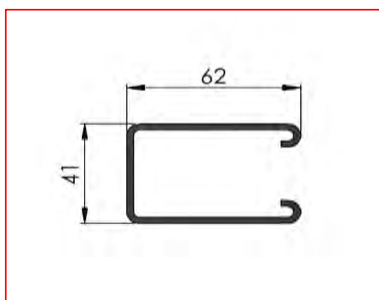
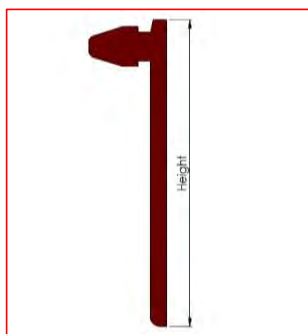
K-Snap-Loc® Dust Seal System - Replacement Parts

FRAS OPTION

CONVEYOR SKIRTING & SEALING

Description	Height (mm)	Length (m)	Thickness (mm)	Part Number
K-Snap-Loc® 127mm Replacement roll R69	127	15.25	9.7	K-SKI-CP-SL-5-600-R69
K-Snap-Loc® 150mm Replacement roll R69	150	15.25	9.7	K-KARGSNAPLOC150x15
K-Snap-Loc® 230mm Replacement roll R69	230	15.25	9.7	K-KARGSNAPLOC230x15
K-Snap-Loc® 230mm Replacement roll FO93	230	15.25	9.7	K-SKI-CP-SL-KC600-FO93
K-Snap-Loc® 355mm Replacement roll R69	355	15.25	9.7	K-SKI-CP-SL-14-600-R69
K-Snap-Loc® Rails Galv 41x62 2m				K-KARGSLU-1
K-Snap-Loc® Skirting Pin				K-KARGSLRP

FRAS is also available (FRAS only applies for **RU83 Duro**)



K-Containment Seal: Polyurethane & Ceramic Composite Options

FRAS OPTION

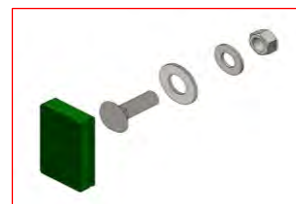
CONVEYOR SKIRTING & SEALING

20° Bevel

Type	Description	Dimensions Thickness (mm)	Dimensions H x W (mm)	Centre Sloth Pitch	Part Number
PU	Solid PU/Steel Backed	25	150 x 1524	305	K-FAW-CP-CL-L6602-G83
PU	Solid PU/Steel Backed	25	203 x 1524	305	K-FAW-CP-CL-L8602-G83
PU	Solid PU/Steel Backed	50	150 x 1524	305	K-FAW-CP-CL-T6602-G83
PU	Solid PU/Steel Backed	50	203 x 1524	305	K-FAW-CP-CL-T8602-G83
PU	Solid PU/Steel Backed	25	203 x 2438	533	K-FAW-CP-CL-L8962-G83
PU	Solid PU/Steel Backed	25	254 x 2438	533	K-FAW-CP-CL-L10962-G83
PU	Solid PU/Steel Backed	25	304 x 2438	533	K-FAW-CP-CL-L12962-G83
PU	Solid PU/Steel Backed	50	203 x 2438	533	K-FAW-CP-CL-T8962-G83
PU	Solid PU/Steel Backed	50	254 x 2438	533	K-FAW-CP-CL-T10962-G83
PU	Solid PU/Steel Backed	50	304 x 2438	533	K-FAW-CP-CL-T12962-G83

Type	Description	Dimensions Thickness (mm)	Dimensions H x W (mm)	Centre Sloth Pitch	Bevel	Part Number
KH	Polyurethane / Ceramic Cube Beads / Steel Backed	50	Various			Contact Kinder Australia
KT	Polyurethane / Ceramic Hexagon Beads / Steel Backed	25	Various			Contact Kinder Australia

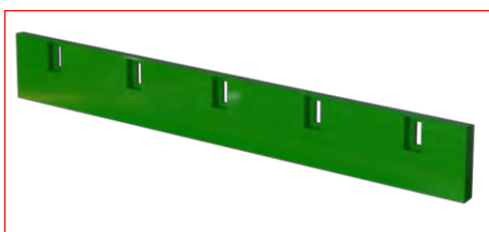
Description	Part Number
K-Containment Seal - Snap Plug Kit Assembly G83 Includes: 1x Snap Plug (K-FAW-CL-SNAP-PLUG-G83) 1x M16x50 Cup Head SQ. Neck Bolt, Nut, M16 Washer & Overside Washer (K-FAS-CBOLT-M16x50) Chute Wall Thickness Limit 20mm (Maximum)	K-FAW-CL-SNAP-PLUG-AS



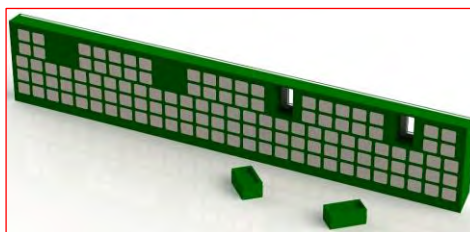
KEY FEATURES | High performance low friction engineered polyurethane system offers exceptional resistance to wear | The slotted system arrangement allows for installation adjustment to ensure that material cannot be entrapped leading to premature belt damage

Note: FRAS is also available. (RUG83)

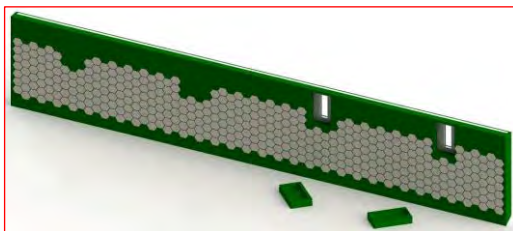
Refer to K-Snap-Loc® Dust Seal System (Page 22) and K-Conlock® (Page 26). These are complementary products, highly recommended and often installed together.



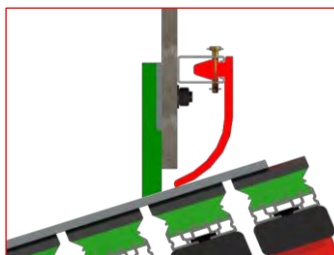
PU - solid polyurethane



KH - polyurethane with embedded ceramic cube beads. 2" (50mm) thick only. Various height and length. Used for high impact and sliding abrasion.



KT - polyurethane with embedded ceramic hexagon beads. 1" (25mm) thick only. Various height and length. Used for sliding abrasion.



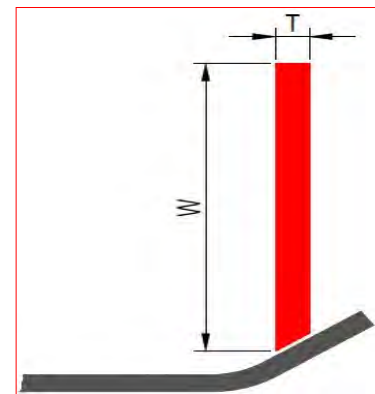
K-Snap-Loc® Dust Seal and K-Impact Belt Support System sold separately

K-Superskirt® Engineered Polyurethane

FRAS OPTION

CONVEYOR SKIRTING & SEALING

Width (mm) (W)	Thickness (mm) (T)	Part Number
75	12	K-KARGSKIR75x12-BR
	16	K-KARGSKIR75x16-BR
90	12	K-KARGSKIR90x12-BR
100	10	K-KARGSKIR100x10-BR
	12	K-KARGSKIR100x12-BR
	16	K-KARGSKIR100x16-BR
	19	K-KARGSKIR100x19-BR
	25	K-KARGSKIR100x25-BR
125	10	K-KARGSKIR125x10-BR
	12	K-KARGSKIR125x12-BR
	16	K-KARGSKIR125x16-BR
	19	K-KARGSKIR125x19-BR
	25	K-KARGSKIR125x25-BR
150	10	K-KARGSKIR150x10-BR
	12	K-KARGSKIR150x12-BR
	16	K-KARGSKIR150x16-BR
	19	K-KARGSKIR150x19-BR
	25	K-KARGSKIR150x25-BR
200	10	K-KARGSKIR200x10-BR
	12	K-KARGSKIR200x12-BR
	16	K-KARGSKIR200x16-BR
	19	K-KARGSKIR200x19-BR
	25	K-KARGSKIR200x25-BR
250	10	K-KARGSKIR250x10-BR
	12	K-KARGSKIR250x12-BR
	16	K-KARGSKIR250x16-BR
	19	K-KARGSKIR250x19-BR
	25	K-KARGSKIR250x25-BR
300	12	K-KARGSKIR300x12-BR
	16	K-KARGSKIR300x16-BR
	19	K-KARGSKIR300x19-BR



| KEY FEATURES | 60% less coefficient of friction than rubber | Reduces drag | Field tested with 8-10 times the wear life over quality rubber skirting | Longer life skirting translates into lower maintenance and labour savings | Nonporous, will not collect fines or other materials that can damage your belt |

NOTE: All K-Superskirt® comes in 15.25mtr rolls
FRAS is also available.

K-Fold-N-Seal Skirting System

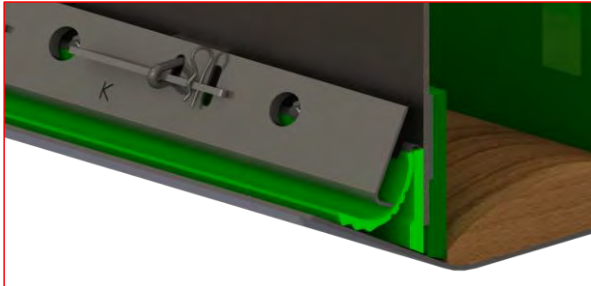
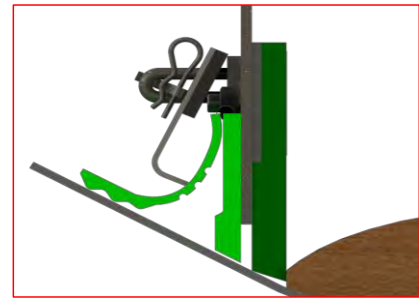
FRAS OPTION

CONVEYOR SKIRTING & SEALING

Description	Part Number
K-Fold-N-Seal Skirting 127mm Front, 150mm back 15.25mtr Roll	K-KARGSKIRFNS

KEY FEATURES | Suitable for all belt widths and trough angles | Field tested with 8-10 times the wear life over quality rubber | 60% less coefficient of friction than rubber | More energy efficient than rubber | Retro-fits to existing clamping systems |

Note: FRAS is also available (FRAS only applies for **RU83 Duro**)



K-Super Block Skirting System

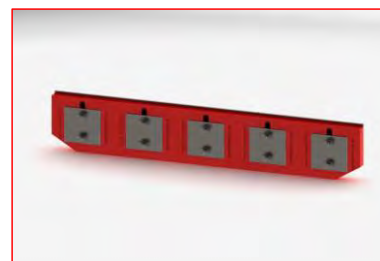
FRAS OPTION

CONVEYOR SKIRTING & SEALING

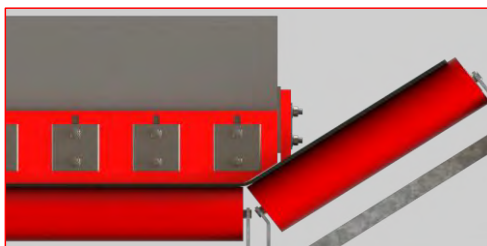
Description	Part Number
K-Super Block Skirting System - Rear - 1000mm wide x 200mm high, as per DWG: K2700; Includes: 1 x Backing Plate with M16x60 Studs 5x Retaining Plates 10x M16 Hex Nuts 10x M16 Plain Washers 5 x Super Block Rear Skirt Segments	K-SKI-BLOCK-RS-AS
K-Super Block Skirting System - Side - 1000mm wide x 200mm high, as per DWG: K2700; Includes: 1 x Backing Plate with M16x60 Studs 5x Retaining Plates 10x M16 Hex Nuts 10x M16 Plain Washers 5 x Super Block Side Skirt Segments	K-SKI-BLOCK-SS-AS
K-Super Block Skirting System - Rear Segment - 200x200 No Bevel G83 Drawing: K2702 - Item 2	K-SKI-BLOCK-SEG-R
K-Super Block Skirting System - Side Segment - 200x200 35deg Bevel G83 Drawing: K2702 - Item 1	K-SKI-BLOCK-SEG-S



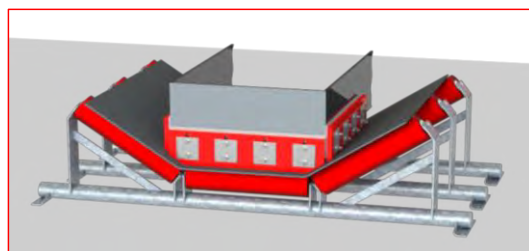
K-Super Block Skirting - Side



K-Super Block Skirting - Rear



K-Super Block Skirting - Assembly Cross Section



K-Super Block Skirting - Assembly

K-Conlock® Clamp System

CONVEYOR SKIRTING & SEALING

Description	Part Number
K-Conlock® Wedge Clamp Assembly 115mm Wide x 1.52mt Long Galvanised Rail Includes: 4 x Lock Mounts, 4 x Wedges, 4 x R-Clips Installation Instructions available on request	K-SKI-KLOC115-AS



KEY FEATURES | Suitable for both troughed conveyors and flat feeders | Various thicknesses and types of soft skirting can be interchanged and retained using the K-Conlock® Clamp System |

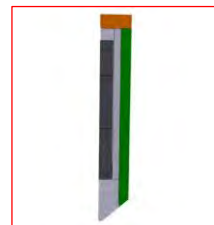
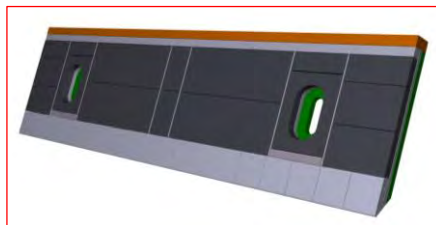
KEY BENEFITS | Cheaper ongoing skirting replacement costs, compared to K-Snap-Loc® | Easy access to Containment Seal adjusting bolts from outside chute without removing the locking plate of the K-Conlock® Clamp System |

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION

K-Speedskirt® - Hardskirt Plates

CONVEYOR SKIRTING & SEALING

Recommended Field Application	Edges	Face	Durability Factor
Belt conveyors up to 3.1 m/s. Coarse to medium ore and free fall.	H15 HD chrome carbide overlay	H12 Standard chrome carbide overlay	3-6
Belt conveyors up to 5.0 m/s. Coarse to medium ore and free fall.	N16 High impact nanocarbide overlay	H15 HD chrome carbide overlay	4-10
Belt conveyors up to 7.1 m/s. Coarse to medium ore and free fall.	T30 High impact tungsten carbide blocks	N16 High impact nanocarbide overlay	8-13
Belt conveyors up to 7.1 m/s. Medium to fine ore and free fall.	T27 High abrasion tungsten carbide blocks	N17 High abrasion nanocarbide overlay	10-16
Belt conveyors up to 3.1 m/s. Fine ore, no impact.	A92 CoorsTek alumina ceramic	A92 CoorsTek alumina ceramic	2-2.5
Belt conveyors up to 5.0 m/s. Fine ore, low impact.	A97 Fine Grain alumina ceramic	A97 Fine Grain alumina ceramic	4-5
Belt conveyors up to 6.0 m/s. Fine ore, low impact.	Sintered silicon nitride	A97 Fine Grain alumina ceramic	5-7
Belt conveyors up to 7.1 m/s. Fine ore, medium impact.	T27 High abrasion tungsten carbide blocks	Sintered silicon nitride RB silicon carbide	8-14



KEY FEATURES | Ceramic and composite hardskirts with differentiated wear and impact resistance on the face and edges (bevels) | High-tech materials and assembly techniques ensures best durability, flow performance and belt safety |

KEY BENEFITS | Edges (bevels) have a very low wear rate, so the most important part of the hard skirt is able to retain its profile longer | Less spillage and elimination of premature skirting wear | Up to 8 times longer hardskirt | Dramatically reduced belt cover wear |

NOTES:

The durability factor is a reference indicator against AR500 steel in overlay hardskirts and against standard alumina ceramic s in composite hardskirts. All hardskirt plates may be supplied with preinstalled bolts or with adjustable bolt holes.

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION

K-Ultra Dual Seal

CONVEYOR SKIRTING & SEALING

Description	Part Number
Skirting - K-Ultra Dual Seal Poly 15mm x150mm x 10m	K-SKI-KSSPOLY-R

| KEY BENEFITS | Reduces dust leakage | Wear Resistant | Low contact pressure | Long life | Belt friendly |



K-Quick Clamp Skirting System

CONVEYOR SKIRTING & SEALING

Description	Part Number
Quick Clamp Assy ZP Assembly (1 metre length)	K-SKI-SKIRTJW003-AS

| KEY BENEFITS | No tools required and easy to fit | Fast adjustment | Zinc Plated | One size for all applications | Also available in T304 Stainless Steel |

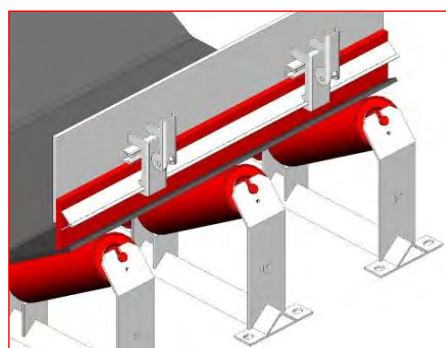
NOTE: One assembly consists of 1 x Quick Clamp Skirt Angle and 2 x Quick Clamps. Installation instructions available on request.



Replacement parts

CONVEYOR SKIRTING & SEALING

Description	Part Number
Quick Clamp Skirt Angle (1m length)	K-SKI-JW003-ANGLE
Quick Clamp	K-SKI-JW003-CLAMP

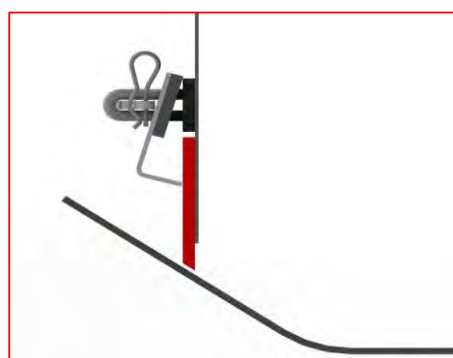


K-Lock® Wedge Skirting Clamp

CONVEYOR SKIRTING & SEALING

Description	Part Number
K-Lock® Wedge Clamp Assembly; 75mm Wide x 2.4mtr Long Galvanised Rail with rubber - comes with 6 x Lock Mounts. 6 x Wedges, 6 x R-Clips	K-SKI-KLOC75-AS
K-Lock® Wedge Clamp Assembly; 100mm Wide x 2.4mtr Long Galvanised Rail with rubber - comes with 6 x Lock Mounts. 6 x Wedges, 6 x R-Clips	K-SKI-KLOC100-AS
K-Lock® Wedge Clamp Assembly; 150mm Wide x 2.4mtr Long Galvanised Rail with rubber - comes with 6 x Lock Mounts. 6 x Wedges, 6 x R-Clips	K-SKI-KLOC150-AS

NOTE: Installation instructions available on request. Stainless steel available on request
Standard Assembly is hot dipped galvanised.



K-Lock® Wedge Clamp, STD type -
K-Superskirt® not included

Replacement parts

CONVEYOR SKIRTING & SEALING

Description	Part Number
K-Lock® Skirting Wedge Clamp Retaining Rail with rubber insert 2.4mtr x 75mm	K-SKI-KLOC75
K-Lock® Skirting Wedge Clamp Retaining Rail with rubber insert Type SL 2.4mtr x 100mm	K-SKI-KLOC100
K-Lock® Skirting Wedge Clamp Retaining Rail with rubber insert Type STD 2.4mtr x 150mm	K-SKI-KLOC150
K-Lock® R Clip	K-SKI-RCLIP
K-Lock® Skirting Wedge Clamp - Lock Mount Large - SS	K-SKI-961001A-L-SS
K-Lock® Skirting Wedge Clamp - Lock Mount Large	K-SKI-961001A-L
K-Lock® Skirting Wedge Clamp - 8mm Wedge	K-SKI-961001B

| KEY FEATURES | Effective skirting material adjustment | Fits all skirting thickness | Reduces dust leakage | Controls spillage | Easy to install |



Innovation
Relationships
Reliability
Excellence
We do.

KINDER **K**TM
EXPERIENCE INNOVATION PRODUCTIVITY

CASE STUDY: Eraser™ Primary Belt Cleaning System

Product:	Eraser™ Primary Belt Cleaning System
Product category:	Belt Cleaning System Products
Location:	Golden Grove, South Australia
Conveyed materials:	Clay Brick
Installation date:	June 2013

Previous problem:



Photo of the Eraser Primary Belt Cleaning System, installed at the customer brick works premises in Golden Grove, South Australia.

Our customer was founded in 1908 and today the company is well established as a major player in the brick industry. Their new brick super-plant located near Golden Grove, South Australia, uses the latest high-tech automated controls and a high-efficiency kiln to achieve energy savings of 30 percent over previous technology. The plant is water self-sufficient, has low emissions and operates on zero waste.

With more and more companies considering productivity improvements waste reduction and containment of materials spillage in the production process, our customer was focussed on minimising all waste around the conveying of the wet clay.

Previously, they operated without any primary belt cleaning system. As a result clay carry-back and material spillage would occur along the conveyor, with build up forming on the return rollers. This could cause belt mistracking and expensive belt edge damage. Extra maintenance and clean-up costs were often required.

CASE STUDY: Eraser™ Primary Belt Cleaning System

Resolution:

Eraser Primary Belt Cleaning System Key Features:

- Proven effective cleaning performance
- Rugged mainframe and blade
- Compact mounting footprint
- No rusted springs, hoses, cables, shocks or mudpacked components to deal with
- Uniform tensioning cleaning pressure
- Brightly coloured safety yellow end caps protect from dust and water contamination
- Single pin blade attachment means quick and simple blade change out with less downtime

Close-up photo of the Eraser Primary Belt Cleaning System's self-tensioning Perma-Torque™ polyurethane ratchet.



After consultation with one of our sales engineers to better understand the site and conveyor structure, it was agreed that the best option was to install Kinder Australia's Eraser Primary Belt Cleaning System at the run-off end of the conveyor. Given the height and restricted access at the run off-point, the Eraser's unique polyurethane self-tensioning Perma-Torque™ ratchet would mean it would require minimal ongoing adjustment. As soon as the conveying of product commenced, our customer's problem was resolved in the following ways:

1. **Immediately spillage and waste have been reduced** because the Eraser effectively prevents material carry-back and also allows for better recycling potential of any waste material;
2. **Immediately maintenance time and costs have been reduced** because less time each day needs to be scheduled for cleaning up the spillage and washing down the conveyor;
3. **In the future there will be cost savings on the purchase of replacement blades** because the properties of the high quality engineered polyurethane blade of the Eraser has proven superior durability; also the self-tensioning ratchet reads the belt speed resulting in accurate and reliable tensioning of the blade edge to the belt;
4. **The belt itself is at less risk of damage** because there is no belt edge damage from the clay build-up.



K-Smartscraper® Belt Cleaner

PRIMARY SERIES

Description	Overall Length of ceramic	Part Number
K-Smartscraper® Belt Cleaner Assy - to suit 450mm BW	415	K-CLE-SMART-0450-SS
K-Smartscraper® Belt Cleaner Assy - to suit 500mm BW	491	K-CLE-SMART-0500-SS
K-Smartscraper® Belt Cleaner Assy - to suit 600mm BW	550	K-CLE-SMART-0600-SS
K-Smartscraper® Belt Cleaner Assy - to suit 650mm BW	585	K-CLE-SMART-0650-SS
K-Smartscraper® Belt Cleaner Assy - to suit 750mm BW	719	K-CLE-SMART-0750-SS
K-Smartscraper® Belt Cleaner Assy - to suit 900mm BW	909	K-CLE-SMART-0900-SS
K-Smartscraper® Belt Cleaner Assy - to suit 1000mm BW	1023	K-CLE-SMART-1000-SS
K-Smartscraper® Belt Cleaner Assy - to suit 1050mm BW	1061	K-CLE-SMART-1050-SS
K-Smartscraper® Belt Cleaner Assy - to suit 1200mm BW	1213	K-CLE-SMART-1200-SS
K-Smartscraper® Belt Cleaner Assy - to suit 1400mm BW	1441	K-CLE-SMART-1400-SS
K-Smartscraper® Belt Cleaner Assy - to suit 1500mm BW	1517	K-CLE-SMART-1500-SS

| KEY FEATURES | Lightweight in construction | High performance alternative to conventional tungsten carbide blade style cleaners | Made of a series of high quality, abrasion resistant, ceramic tips | Ceramics composed with high Alumina content (92%), achieve the hardness of approx. 9 on the MOHS scale (diamond = 10) | Simplicity of design allows for easy installation | Suitable for wet, powdery, sticky and high temperature materials | Mounting options include cross-type (standard), V-type and Paired | Suitable for all belt widths |

CONTACT KINDER AUSTRALIA FOR ANY OTHER SIZES

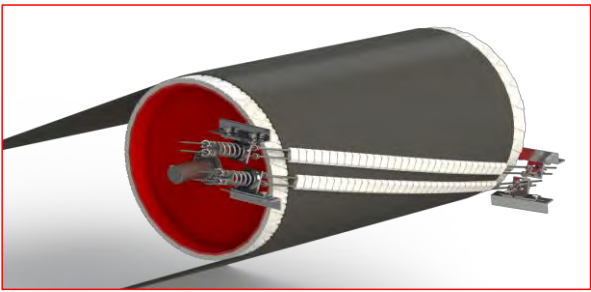
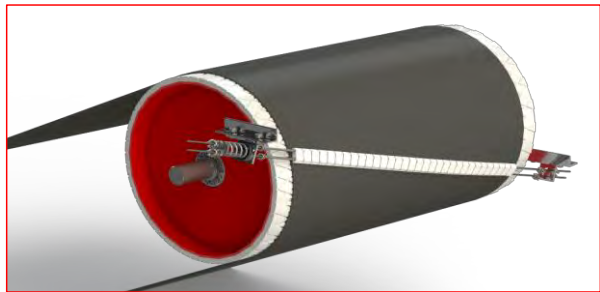


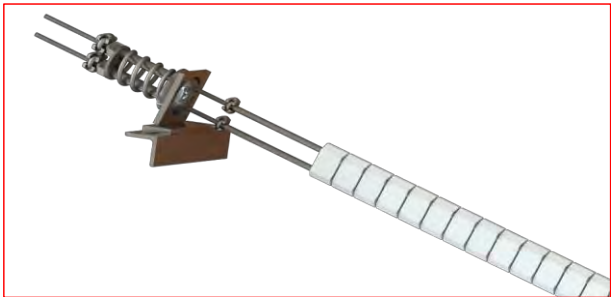
Photo above showing 2 x K-Smartscraper® installed. (Paired) sold separately

K-Smartscraper® Belt Cleaner

PRIMARY SERIES

Replacement -Ceramic Chip

Description	Part Number
K-Smartscraper® Spare Parts - Ceramic Chip	K-CLE-K3838-9



Eraser™ Primary Belt Cleaning System

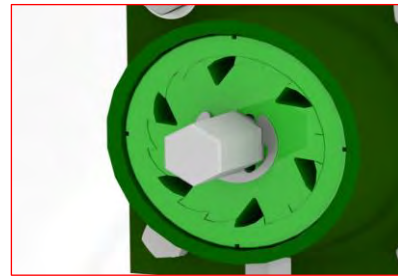
PRIMARY SERIES

Blade Length (inches)	Blade Length (mm)	Part Number
16	406	K-CLE-CP-REA16M-G83
18	457	K-CLE-CP-REA18M-G83
20	508	K-CLE-CP-REA20M-G83
22	559	K-CLE-CP-REA22M-G83
24	610	K-CLE-CP-REA24M-G83
26	660	K-CLE-CP-REA26M-G83
28	711	K-CLE-CP-REA28M-G83
30	762	K-CLE-CP-REA30M-G83
32	813	K-CLE-CP-REA32M-G83
34	864	K-CLE-CP-REA34M-G83
36	914	K-CLE-CP-REA36M-G83
38	965	K-CLE-CP-REA38M-G83
40	1016	K-CLE-CP-REA40M-G83
42	1067	K-CLE-CP-REA42M-G83
44	1118	K-CLE-CP-REA44M-G83
46	1168	K-CLE-CP-REA46D-G83
48	1219	K-CLE-CP-REA48D-G83
50	1270	K-CLE-CP-REA50D-G83
52	1321	K-CLE-CP-REA52D-G83
54	1372	K-CLE-CP-REA54D-G83

Blade Length (inches)	Blade Length (mm)	Part Number
56	1422	K-CLE-CP-REA56D-G83
58	1473	K-CLE-CP-REA58D-G83
60	1524	K-CLE-CP-REA60D-G83
62	1575	K-CLE-CP-REA62D-G83
64	1626	K-CLE-CP-REA64D-G83
66	1676	K-CLE-CP-REA66D-G83
68	1727	K-CLE-CP-REA68D-G83
70	1778	K-CLE-CP-REA70D-G83
72	1829	K-CLE-CP-REA72D-G83
74	1880	K-CLE-CP-REA74D-G83
76	1930	K-CLE-CP-REA76D-G83
78	1981	K-CLE-CP-REA78D-G83
80	2032	K-CLE-CP-REA80D-G83
82	2083	K-CLE-CP-REA82D-G83
84	2134	K-CLE-CP-REA84D-G83
86	2184	K-CLE-CP-REA86D-G83
88	2235	K-CLE-CP-REA88D-G83
90	2286	K-CLE-CP-REA90D-G83
92	2337	K-CLE-CP-REA92D-G83
94	2388	K-CLE-CP-REA94D-G83
96	2438	K-CLE-CP-REA96D-G83

| KEY FEATURES | High performance, durable & quick changeable kryptane blade | Reliable, no mechanical parts
urethane tensioning adjustment | Safe Torque™ Dust & Water Resistant Ratchet System |

| KEY BENEFITS | Proven effective cleaning performance with a 184mm tall Raptor blade | The industry's most rugged
mainframe and blade design on a standard size system | Compact mounting footprint only protrudes 127mm from
mounting structure |



System Options:

Description	Part Number
Safe Torque Retrofit Kit - Standard	K-CLE-CP-AR-RK30
Safe Torque Retrofit Kit - Extended	K-CLE-CP-AR-RK30X

Note: 46" or above comes with dual tensioners

Eraser™ Primary Belt Cleaning System Parts

PRIMARY SERIES

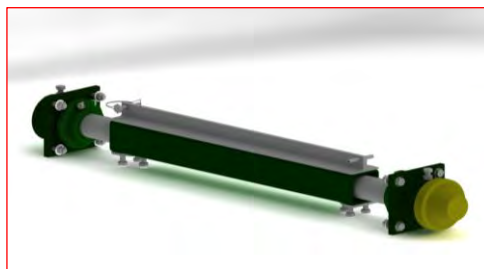
Replacement Blades & Options

Blade Length (inches)	Blade Length (mm)	Part Number
10	254	K-CLE-CP-RE-10-G83
12	305	K-CLE-CP-RE-12-G83
14	356	K-CLE-CP-RE-14-G83
16	406	K-CLE-CP-RE-16-G83
18	457	K-CLE-CP-RE-18-G83
20	508	K-CLE-CP-RE-20-G83
22	559	K-CLE-CP-RE-22-G83
24	610	K-CLE-CP-RE-24-G83
26	660	K-CLE-CP-RE-26-G83
28	711	K-CLE-CP-RE-28-G83
30	762	K-CLE-CP-RE-30-G83
32	813	K-CLE-CP-RE-32-G83
34	864	K-CLE-CP-RE-34-G83
36	914	K-CLE-CP-RE-36-G83
38	965	K-CLE-CP-RE-38-G83
40	1016	K-CLE-CP-RE-40-G83
42	1067	K-CLE-CP-RE-42-G83
44	1118	K-CLE-CP-RE-44-G83
46	1168	K-CLE-CP-RE-46-G83
48	1219	K-CLE-CP-RE-48-G83
50	1270	K-CLE-CP-RE-50-G83
52	1321	K-CLE-CP-RE-52-G83
54	1372	K-CLE-CP-RE-54-G83
56	1422	K-CLE-CP-RE-56-G83
58	1473	K-CLE-CP-RE-58-G83
60	1524	K-CLE-CP-RE-60-G83
62	1575	K-CLE-CP-RE-62-G83
64	1626	K-CLE-CP-RE-64-G83
66	1676	K-CLE-CP-RE-66-G83
68	1727	K-CLE-CP-RE-68-G83
70	1778	K-CLE-CP-RE-70-G83
72	1829	K-CLE-CP-RE-72-G83
74	1880	K-CLE-CP-RE-74-G83
76	1930	K-CLE-CP-RE-76-G83
78	1981	K-CLE-CP-RE-78-G83
80	2032	K-CLE-CP-RE-80-G83
82	2083	K-CLE-CP-RE-82-G83
84	2134	K-CLE-CP-RE-84-G83
86	2184	K-CLE-CP-RE-86-G83
88	2235	K-CLE-CP-RE-88-G83
90	2286	K-CLE-CP-RE-90-G83
92	2337	K-CLE-CP-RE-92-G83
94	2388	K-CLE-CP-RE-94-G83
96	2438	K-CLE-CP-RE-96-G83

Replacement Mainframe

Suit Blade Length (inches)	Suit Blade Length (mm)	Part Number
16	406	K-CLE-CP-AR16A
18	457	K-CLE-CP-AR18A
20	508	K-CLE-CP-AR20A
22	559	K-CLE-CP-AR22A
24	610	K-CLE-CP-AR24A
26	660	K-CLE-CP-AR26A
28	711	K-CLE-CP-AR28A
30	762	K-CLE-CP-AR30A
32	813	K-CLE-CP-AR32A
34	864	K-CLE-CP-AR34A
36	914	K-CLE-CP-AR36A
38	965	K-CLE-CP-AR38A
40	1016	K-CLE-CP-AR40A
42	1067	K-CLE-CP-AR42A
44	1118	K-CLE-CP-AR44A
46	1168	K-CLE-CP-AR46A
48	1219	K-CLE-CP-AR48A
50	1270	K-CLE-CP-AR50A
52	1321	K-CLE-CP-AR52A
54	1372	K-CLE-CP-AR54A
56	1422	K-CLE-CP-AR56A
58	1473	K-CLE-CP-AR58A
60	1524	K-CLE-CP-AR60A
62	1575	K-CLE-CP-AR62A
64	1626	K-CLE-CP-AR64A
66	1676	K-CLE-CP-AR66A
68	1727	K-CLE-CP-AR68A
70	1778	K-CLE-CP-AR70A
72	1829	K-CLE-CP-AR72A
74	1880	K-CLE-CP-AR74A
76	1930	K-CLE-CP-AR76A
78	1981	K-CLE-CP-AR78A
80	2032	K-CLE-CP-AR80A
82	2083	K-CLE-CP-AR82A
84	2134	K-CLE-CP-AR84A
86	2184	K-CLE-CP-AR86A
88	2235	K-CLE-CP-AR88A
90	2286	K-CLE-CP-AR90A
92	2337	K-CLE-CP-AR92A
94	2388	K-CLE-CP-AR94A
96	2438	K-CLE-CP-AR96A

NOTE: FRAS is also available
(FRAS only applies for G83 Duro)



Eraser HD™ Primary Belt Cleaning System

PRIMARY SERIES

Eraser HD™ System

Blade Length (inches)	Blade Length (mm)	Part Number
12	305	K-CLE-CP-ET-2A16M-G83
18	457	K-CLE-CP-ET-3A22M-G83
24	610	K-CLE-CP-ET-4A28M-G83
30	762	K-CLE-CP-ET-5A34M-G83
36	914	K-CLE-CP-ET-6A40D-G83
42	1067	K-CLE-CP-ET-7A46D-G83
48	1219	K-CLE-CP-ET-8A52D-G83
54	1372	K-CLE-CP-ET-9A58D-G83
60	1524	K-CLE-CP-ET-10A64D-G83
66	1676	K-CLE-CP-ET-11A70D-G83
72	1829	K-CLE-CP-ET-12A76D-G83
78	1981	K-CLE-CP-ET-13A84D-G83
84	2134	K-CLE-CP-ET-14A88D-G83
90	2286	K-CLE-CP-ET-15A94D-G83
96	2438	K-CLE-CP-ET-16A100D-G83

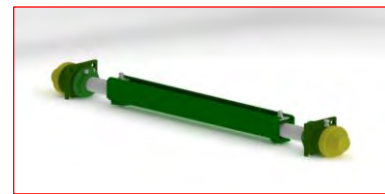
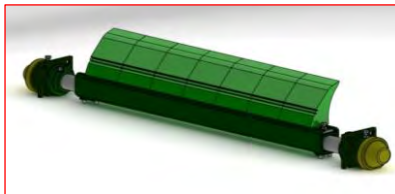
Replacement Mainframe

Actual Length (inches)	Actual Length (mm)	Part Number
16	406	K-CLE-CP-ET-16A
22	559	K-CLE-CP-ET-22A
28	711	K-CLE-CP-ET-28A
34	864	K-CLE-CP-ET-34A
40	1016	K-CLE-CP-ET-40A
46	1168	K-CLE-CP-ET-46A
52	1321	K-CLE-CP-ET-52A
58	1473	K-CLE-CP-ET-58A
64	1626	K-CLE-CP-ET-64A
70	1778	K-CLE-CP-ET-70A
76	1930	K-CLE-CP-ET-76A
82	2083	K-CLE-CP-ET-82A
88	2235	K-CLE-CP-ET-88A
94	2388	K-CLE-CP-ET-94A
100	2540	K-CLE-CP-ET-100A

| KEY FEATURES | Heavy duty segmented Raptor™ Blade, designed for use on crowned pulleys | Reliable, no-mechanical parts urethane tensioning adjustment | Safe Torque™ Dust & Water Resistant Ratchet System |

| KEY BENEFITS | Designed for use on conveyors with crowned head pulleys or heavy vibration | Heavy duty 8" (203mm) tall Raptor™ blades provide effective cleaning performance | No rusted springs, hoses, cables, shocks or mud-packed components to deal with |

NOTE: FRAS is also available. (FRAS only applies for G83 Duro)



Replacement Blade

Length (in)	Length (mm)	Part Number
6	152	K-CLE-CP-DT2-06-G83

NOTE: FRAS is also available.
(FRAS only applies for G83 Duro)



System Options:

Description	Part Number	List Price
Safe Torque Retrofit Kit - Standard	K-CLE-CP-AR-RK30	\$577.00
Safe Torque Retrofit Kit - Extended	K-CLE-CP-AR-RK30X	\$674.00

Note: 40" or above comes with dual tensioners



Eraser SHD™ Primary Belt Cleaning System

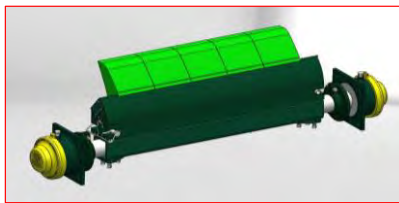
PRIMARY SERIES

Eraser SHD™ System

A		Min B		Max B		Min C		Max C		Weight	Part Number
Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	(kgs)	
24.00	610	50.00	1270	58.00	1474	10.00	254	14.00	356	62	K-CLE-CP-SHD-4A30D
30.00	762	50.00	1270	64.00	1626	7.00	178	14.00	356	67	K-CLE-CP-SHD-5A36D
36.00	915	50.00	1270	70.00	1778	1.00	102	14.00	356	73	K-CLE-CP-SHD-6A42D
42.00	1067	50.00	1270	76.00	1931	0.25	7	14.00	356	78	K-CLE-CP-SHD-7A48D
48.00	1220	54.50	1385	82.00	2083	0.25	7	14.00	356	83	K-CLE-CP-SHD-8A54D
54.00	1372	60.50	1537	88.00	2236	0.25	7	14.00	356	89	K-CLE-CP-SHD-9A60D
66.00	1677	72.50	1842	100.00	2540	0.25	7	14.00	356	100	K-CLE-CP-SHD-11A72D
78.00	1982	84.50	2147	108.00	2744	0.25	7	12.00	305	110	K-CLE-CP-SHD-13A242D
90.00	2286	96.50	2451	120.00	3048	0.25	7	12.00	305	121	K-CLE-CP-SHD-15A248D
102.00	2591	108.50	2756	132.00	3353	0.25	7	12.00	305	131	K-CLE-CP-SHD-17A254D
114.00	2896	120.50	3061	144.00	3658	0.25	7	12.00	305	105	K-CLE-CP-SHD-19A260D

KEY FEATURES | Comes with a replaceable tip blade means quick blade change out with less downtime | Rugged mine duty system, designed for extremely abrasive environments with a 286mm polyurethane blade | This system uses the Super Eraser's 6mm thick, 89mm x 89mm tube stock steel mainframe and corrosion resistant, galvanised Schedule 160 pipe stub ends for long lasting durability |

KEY BENEFITS | For use on conveyors with large head pulleys, big loads, harsh conditions and/or fast belt speeds | Extremely effective cleaning performance with a 298mm Raptor blade and rugged mainframe | Compact mounting footprint only protrudes 140mm from mounting structure | Safety yellow coloured end caps seal the Safe Torque™ ratchet from dust and water contamination |



Micro Eraser™ Primary Belt Cleaning System

PRIMARY SERIES

Eraser Micro System

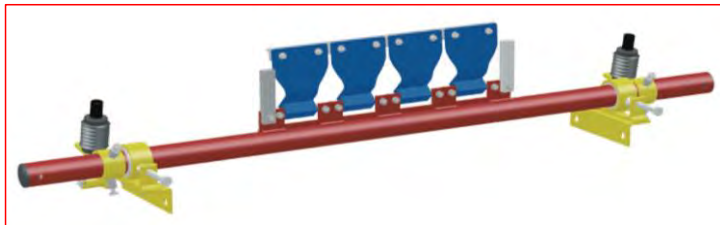
A		Min B		Max B		Min C		Max C		Part Number
Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	
16	406	25	635	35	889	6	152	9.50	241	K-CLE-CP-MEA16M-G83
22	559	23	572	41	1041	0.25	6	9.50	241	K-CLE-CP-MEA22M-G83
28	711	29	724	47	1194	0.25	6	9.50	241	K-CLE-CP-MEA28M-G83
34	864	35	876	53	1346	0.25	6	9.50	241	K-CLE-CP-MEA34M-G83
40	1016	41	1029	59	1499	0.25	6	9.50	241	K-CLE-CP-MEA40D-G83
46	1168	47	1181	65	1651	0.25	6	9.50	241	K-CLE-CP-MEA46D-G83
52	1321	53	1334	71	1803	0.25	6	9.50	241	K-CLE-CP-MEA52D-G83
58	1473	59	1486	77	1956	0.25	6	9.50	241	K-CLE-CP-MEA58D-G83

KEY BENEFITS | Proven effective cleaning performance with a 152mm tall Raptor blade | Very compact mounting footprint only protrudes 114mm from mounting structure | No rusted springs, hoses, cables, shocks or mud packed components to deal with | Also available with Safe-Torque™ ratchet tensioning system |



PRTS Primary Belt Cleaner

PRIMARY SERIES

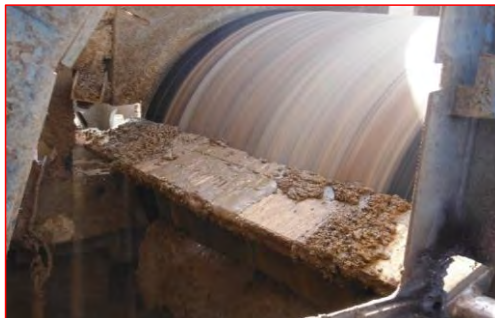


| KEY BENEFITS | Each blade with Rubber Torsion Arm Mounting (RTAM) | Cost saving / lighter blade | Excellent elasticity | Belt friendly | Easy visual tension check | Cost-saving spring tension | Easy installation, adjustment and maintenance |

CONTACT KINDER AUSTRALIA FOR FURTHER INFO

K-Cleanguard Belt Pre-Cleaner

PRIMARY SERIES



| KEY FEATURES | Installed above the primary belt cleaner, acts as a guard to receive material which fails to discharge from the head pulley | Designed engineered with a composite blade to provide extreme abrasion and impact resistance |

| KEY BENEFITS | Protects and extends the life of the primary belt cleaner, particularly its blade - enabling the primary and secondary cleaner to operate more efficiently | Suitable for coarse and/or moist sticky abrasive product that fails to discharge from the head pulley |

Not suitable for conveyor belts with mechanical fasteners, mechanical joins or temporary repair patches.

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION

Super-G™ Secondary Belt Cleaning System

FRAS OPTION

SECONDARY SERIES

Super-G™ Secondary Belt Cleaning System with Std. G83 Urethane Blade

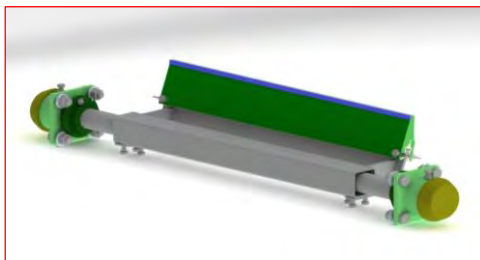
Blade Length (inches)	Blade Length (mm)	Part Number
16	406	K-CLE-CP-ESG16M-G83
18	457	K-CLE-CP-ESG18M-G83
20	508	K-CLE-CP-ESG20M-G83
22	559	K-CLE-CP-ESG22M-G83
24	610	K-CLE-CP-ESG24M-G83
26	660	K-CLE-CP-ESG26M-G83
28	711	K-CLE-CP-ESG28M-G83
30	762	K-CLE-CP-ESG30M-G83
32	813	K-CLE-CP-ESG32M-G83
34	864	K-CLE-CP-ESG34M-G83
36	914	K-CLE-CP-ESG36D-G83
38	965	K-CLE-CP-ESG38D-G83
40	1016	K-CLE-CP-ESG40D-G83
42	1067	K-CLE-CP-ESG42D-G83
44	1118	K-CLE-CP-ESG44D-G83
46	1168	K-CLE-CP-ESG46D-G83
48	1219	K-CLE-CP-ESG48D-G83
50	1270	K-CLE-CP-ESG50D-G83
52	1321	K-CLE-CP-ESG52D-G83
54	1372	K-CLE-CP-ESG54D-G83
56	1422	K-CLE-CP-ESG56D-G83
58	1473	K-CLE-CP-ESG58D-G83
60	1524	K-CLE-CP-ESG60D-G83
62	1575	K-CLE-CP-ESG62D-G83
64	1626	K-CLE-CP-ESG64D-G83
66	1676	K-CLE-CP-ESG66D-G83
68	1727	K-CLE-CP-ESG68D-G83
70	1778	K-CLE-CP-ESG70D-G83
72	1829	K-CLE-CP-ESG72D-G83
74	1880	K-CLE-CP-ESG74D-G83
76	1930	K-CLE-CP-ESG76D-G83
78	1981	K-CLE-CP-ESG78D-G83
80	2032	K-CLE-CP-ESG80D-G83
82	2083	K-CLE-CP-ESG82D-G83
84	2134	K-CLE-CP-ESG84D-G83
86	2184	K-CLE-CP-ESG86D-G83
88	2235	K-CLE-CP-ESG88D-G83
90	2286	K-CLE-CP-ESG90D-G83
92	2337	K-CLE-CP-ESG92D-G83
94	2388	K-CLE-CP-ESG94D-G83
96	2438	K-CLE-CP-ESG96D-G83

Super-G™ Secondary Belt Cleaning System with G83 + Tungsten Blade *

Blade Length (inches)	Blade Length (mm)	Part Number
16	406	K-CLE-CP-ESG16M-G83T
18	457	K-CLE-CP-ESG18M-G83T
20	508	K-CLE-CP-ESG20M-G83T
22	559	K-CLE-CP-ESG22M-G83T
24	610	K-CLE-CP-ESG24M-G83T
26	660	K-CLE-CP-ESG26M-G83T
28	711	K-CLE-CP-ESG28M-G83T
30	762	K-CLE-CP-ESG30M-G83T
32	813	K-CLE-CP-ESG32M-G83T
34	864	K-CLE-CP-ESG34M-G83T
36	914	K-CLE-CP-ESG36D-G83T
38	965	K-CLE-CP-ESG38D-G83T
40	1016	K-CLE-CP-ESG40D-G83T
42	1067	K-CLE-CP-ESG42D-G83T
44	1118	K-CLE-CP-ESG44D-G83T
46	1168	K-CLE-CP-ESG46D-G83T
48	1219	K-CLE-CP-ESG48D-G83T
50	1270	K-CLE-CP-ESG50D-G83T
52	1321	K-CLE-CP-ESG52D-G83T
54	1372	K-CLE-CP-ESG54D-G83T
56	1422	K-CLE-CP-ESG56D-G83T
58	1473	K-CLE-CP-ESG58D-G83T
60	1524	K-CLE-CP-ESG60D-G83T
62	1575	K-CLE-CP-ESG62D-G83T
64	1626	K-CLE-CP-ESG64D-G83T
66	1676	K-CLE-CP-ESG66D-G83T
68	1727	K-CLE-CP-ESG68D-G83T
70	1778	K-CLE-CP-ESG70D-G83T
72	1829	K-CLE-CP-ESG72D-G83T
74	1880	K-CLE-CP-ESG74D-G83T
76	1930	K-CLE-CP-ESG76D-G83T
78	1981	K-CLE-CP-ESG78D-G83T
80	2032	K-CLE-CP-ESG80D-G83T
82	2083	K-CLE-CP-ESG82D-G83T
84	2134	K-CLE-CP-ESG84D-G83T
86	2184	K-CLE-CP-ESG86D-G83T
88	2235	K-CLE-CP-ESG88D-G83T
90	2286	K-CLE-CP-ESG90D-G83T
92	2337	K-CLE-CP-ESG92D-G83T
94	2388	K-CLE-CP-ESG94D-G83T
96	2438	K-CLE-CP-ESG96D-G83T

| KEY FEATURES | Effective performance for wet, sticky secondary cleaning applications | High performance, durable & 1 pin changeable kryptane blade | Reliable, no- mechanical parts urethane tensioning adjustment | Sturdy 6mm thick, 76x76mm steel mainframe |

* Super-G™ Secondary Belt Cleaning System with G83 + Tungsten Blade - Kinder Australia standard stock item



System Options:

Description	Part Number
Safe Torque Retrofit Kit - Standard	K-CLE-CP-AR-RK30
Safe Torque Retrofit Kit - Extended	K-CLE-CP-AR-RK30X

Note: 46" or above comes with dual tensioners

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Super-G™ Secondary Belt Cleaning Parts

FRAS OPTION

SECONDARY SERIES

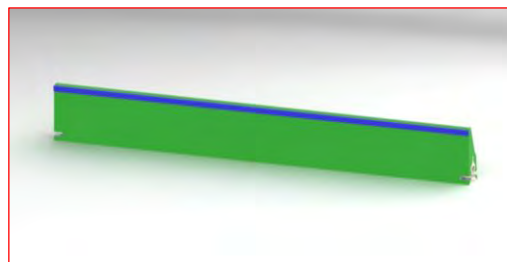
Super-G™ Replacement Blades Std. G83 Urethane Blade

Blade Length (inches)	Blade Length (mm)	Part Number
16	406	K-CLE-CP-SG-16G83
18	457	K-CLE-CP-SG-18G83
20	508	K-CLE-CP-SG-20G83
22	559	K-CLE-CP-SG-22G83
24	610	K-CLE-CP-SG-24G83
26	660	K-CLE-CP-SG-26G83
28	711	K-CLE-CP-SG-28G83
30	762	K-CLE-CP-SG-30G83
32	813	K-CLE-CP-SG-32G83
34	864	K-CLE-CP-SG-34G83
36	914	K-CLE-CP-SG-36G83
38	965	K-CLE-CP-SG-38G83
40	1016	K-CLE-CP-SG-40G83
42	1067	K-CLE-CP-SG-42G83
44	1118	K-CLE-CP-SG-44G83
46	1168	K-CLE-CP-SG-46G83
48	1219	K-CLE-CP-SG-48G83
50	1270	K-CLE-CP-SG-50G83
52	1321	K-CLE-CP-SG-52G83
54	1372	K-CLE-CP-SG-54G83
56	1422	K-CLE-CP-SG-56G83
58	1473	K-CLE-CP-SG-58G83
60	1524	K-CLE-CP-SG-60G83
62	1575	K-CLE-CP-SG-62G83
64	1626	K-CLE-CP-SG-64G83
66	1676	K-CLE-CP-SG-66G83
68	1727	K-CLE-CP-SG-68G83
70	1778	K-CLE-CP-SG-70G83
72	1829	K-CLE-CP-SG-72G83
74	1880	K-CLE-CP-SG-74G83
76	1930	K-CLE-CP-SG-76G83
78	1981	K-CLE-CP-SG-78G83
80	2032	K-CLE-CP-SG-80G83
82	2083	K-CLE-CP-SG-82G83
84	2134	K-CLE-CP-SG-84G83
86	2184	K-CLE-CP-SG-86G83
88	2235	K-CLE-CP-SG-88G83
90	2286	K-CLE-CP-SG-90G83
92	2337	K-CLE-CP-SG-92G83
94	2388	K-CLE-CP-SG-94G83

Super-G™ Replacement Blades G83 with Tungsten Tips Option *

Blade Length (inches)	Blade Length (mm)	Part Number
16	406	K-CLE-CP-SG-16G83T
18	457	K-CLE-CP-SG-18G83T
20	508	K-CLE-CP-SG-20G83T
22	559	K-CLE-CP-SG-22G83T
24	610	K-CLE-CP-SG-24G83T
26	660	K-CLE-CP-SG-26G83T
28	711	K-CLE-CP-SG-28G83T
30	762	K-CLE-CP-SG-30G83T
32	813	K-CLE-CP-SG-32G83T
34	864	K-CLE-CP-SG-34G83T
36	914	K-CLE-CP-SG-36G83T
38	965	K-CLE-CP-SG-38G83T
40	1016	K-CLE-CP-SG-40G83T
42	1067	K-CLE-CP-SG-42G83T
44	1118	K-CLE-CP-SG-44G83T
46	1168	K-CLE-CP-SG-46G83T
48	1219	K-CLE-CP-SG-48G83T
50	1270	K-CLE-CP-SG-50G83T
52	1321	K-CLE-CP-SG-52G83T
54	1372	K-CLE-CP-SG-54G83T
56	1422	K-CLE-CP-SG-56G83T
58	1473	K-CLE-CP-SG-58G83T
60	1524	K-CLE-CP-SG-60G83T
62	1575	K-CLE-CP-SG-62G83T
64	1626	K-CLE-CP-SG-64G83T
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76	1930	K-CLE-CP-SG-76G83T
78	1981	K-CLE-CP-SG-78G83T
80	2032	K-CLE-CP-SG-80G83T
82	2083	K-CLE-CP-SG-82G83T
84	2134	K-CLE-CP-SG-84G83T
86	2184	K-CLE-CP-SG-86G83T
88	2235	K-CLE-CP-SG-88G83T
90	2286	K-CLE-CP-SG-90G83T
92	2337	K-CLE-CP-SG-92G83T
94	2388	K-CLE-CP-SG-94G83T

* Super-G™ Replacement Blades G83 with Tungsten Tips Option - Kinder Australia standard stock item

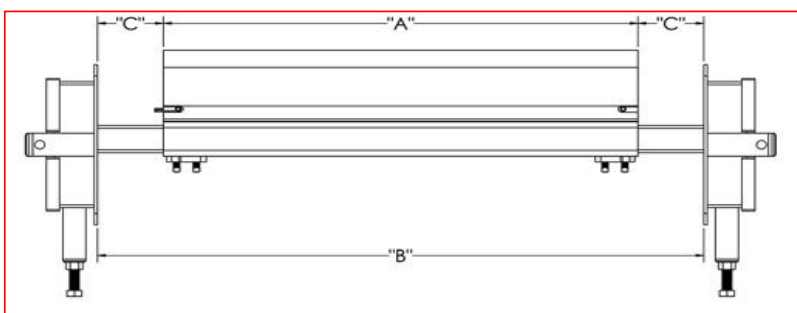


NOTE: FRAS is also available. (FRAS only applies for RU83 Duro)

XTC Reversing Secondary Belt Cleaning System

FRAS OPTION

SECONDARY SERIES



Part Number	A		Min B.		Max B.		Min C.		Max C.		Shipping Weight	
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	kg	lbs
K-CLE-CP-XTC30D-G83	762	30.00	1308	51.50	832	32.75	6	0.25	273	10.75	62	137
K-CLE-CP-XTC36D-G83	914	36.00	1461	57.50	984	38.75	6	0.25	273	10.75	67	147
K-CLE-CP-XTC42D-G83	1067	42.00	1613	63.50	1137	44.75	6	0.25	273	10.75	71	156
K-CLE-CP-XTC48D-G83	1219	48.00	1765	69.50	1289	50.75	6	0.25	273	10.75	75	166
K-CLE-CP-XTC54D-G83	1372	54.00	1918	75.50	1441	56.75	6	0.25	273	10.75	79	175
K-CLE-CP-XTC60D-G83	1524	60.00	2070	81.50	2203	86.75	6	0.25	273	10.75	84	185

KEY FEATURES | Powerful reversing conveyor cleaner | Can handle wet, dry, sticky or slimy conditions | Unique Web Torque™ tensioner has enough give for mechanical splices and the flow-over blade design reduces material build-up | Designed with the same toughness and durability as the our standard Eraser, with a 6mm thick, 76mm x 76mm, tube stock steel mainframe and heavy duty stub ends |

KEY BENEFITS | Specifically designed for reversing conveyor belt applications | The Web Torque™ shock absorbs the high level of impact and contortion which are present in most reversing applications | No rusty springs, hoses, cables, shocks or mud-packed components to deal with | Single pin blade attachment means quic blade change out, less downtime and no rusty bolts |

FOR MORE INFORMATION CONTACT KINDER AUSTRALIA

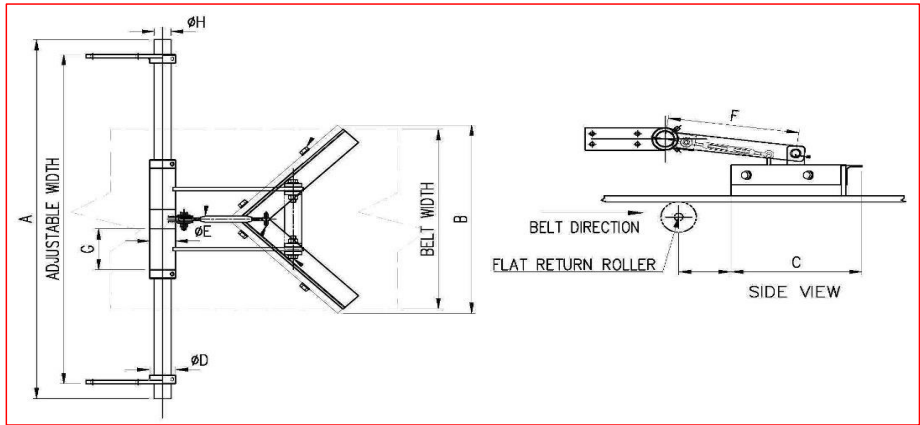
K-Safeguard Vee Plough Belt Cleaner

V-PLOUGH SERIES

BW	Description	Part Number
450	Vee Plough Cleaner Standard Duty - 450	K-CLE-KVP-0450-S
500	Vee Plough Cleaner Standard Duty - 500	K-CLE-KVP-0500-S
600	Vee Plough Cleaner Standard Duty - 600	K-CLE-KVP-0600-S
750	Vee Plough Cleaner Standard Duty - 750	K-CLE-KVP-0750-S
800	Vee Plough Cleaner Standard Duty - 800	K-CLE-KVP-0800-S
900	Vee Plough Cleaner Standard Duty - 900	K-CLE-KVP-0900-S
1000	Vee Plough Cleaner Standard Duty - 1000	K-CLE-KVP-1000-S
1050	Vee Plough Cleaner Standard Duty - 1050	K-CLE-KVP-1050-S
1200	Vee Plough Cleaner Standard Duty - 1200	K-CLE-KVP-1200-S

Belt Width (mm)	450	500	600	650	750	800	900	1000	1050	1200
A	1050	1100	1200	1200	1200	1400	1500	1600	1650	1800
B	544	594	694	744	844	894	994	1094	1144	1294
C	331	356	406	431	481	506	556	606	631	706
D	75	75	75	75	75	75	75	75	75	90
E	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	76.1
F	300	300	300	300	300	300	300	300	300	300
G	141	141	141	141	141	206	206	206	206	288
H	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	60.3

| KEY FEATURES | Provides constant protection against fugitive materials from entering into tail and take-up pulleys | Ploughs use gravity to maintain constant conveyor belt contact whilst long life polyurethane blades reduce servicing requirements to a minimum |

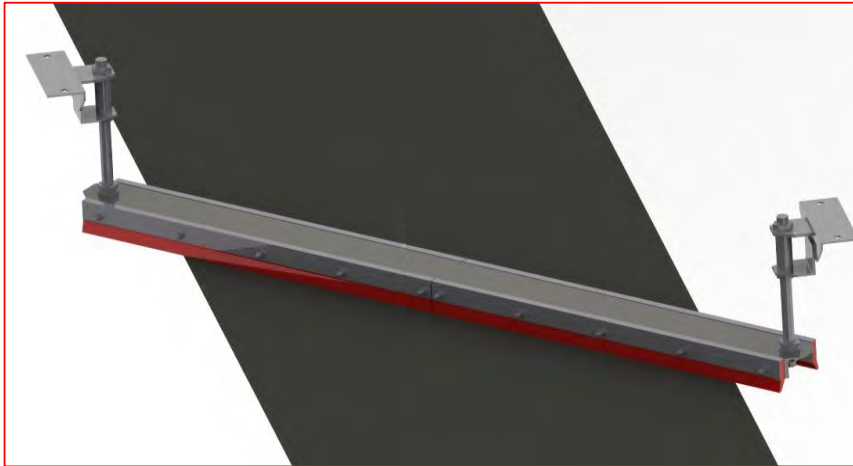


K-Safeguard Diagonal/Reversing Plough Belt Cleaner

V-PLOUGH SERIES

BW	Description	Part Number
600	Diagonal Plough Cleaner Standard Duty - 600	K-CLE-KDP-0600-S
750/800	Diagonal Plough Cleaner Standard Duty - 750	K-CLE-KDP-0750/0800-S
900	Diagonal Plough Cleaner Standard Duty - 900	K-CLE-KDP-0900-S
1000/1050	Diagonal Plough Cleaner Standard Duty - 1000	K-CLE-KDP-1000/1050-S
1200	Diagonal Plough Cleaner Standard Duty - 1200	K-CLE-KDP-1200-S

| KEY FEATURES | Designed to clean the inside of the conveyor belt on its return trip and to remove any large lumps that can potentially damage the belt and/or tall pulley lagging if allowed to travel through this area | Allows material to shed both sides of the conveyor | Discharges to one side only and can be used on reversing conveyors | Designed for fitting in a trailing position on the return side of the belt at tail and take up | Not self-actuating, instead supported by their mounting brackets and adjusted so as to sit above the belt with minimal or no clearance between the belt and the blades of the plough |



K-Spiral Cleaning and Tracking Roller

BELT CLEANING & DEWATERING IDLERS

140 DIA

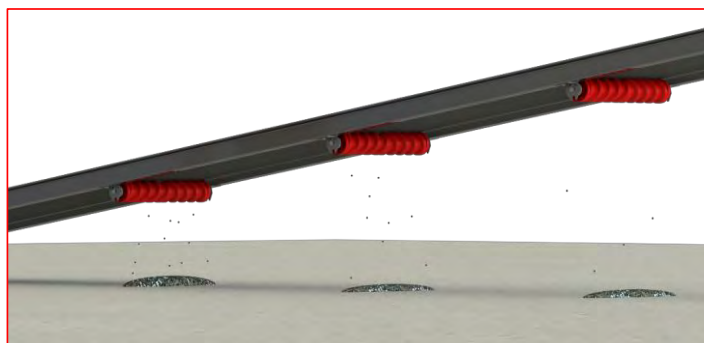
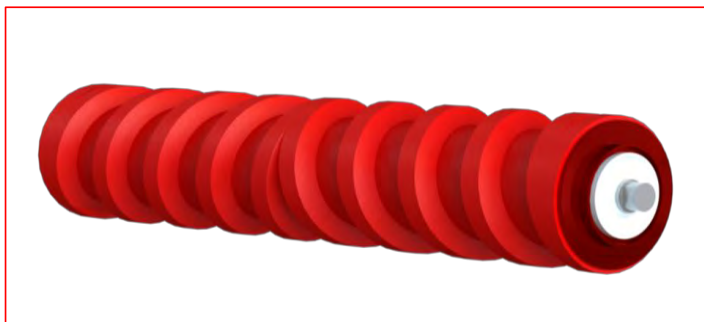
Bearing	BW	Face	Part Number
6205zz	450	544	K-ROL-KSCR450x140x25
	500	594	K-ROL-KSCR500x140x25
	600	694	K-ROL-KSCR600x140x25
	650	744	K-ROL-KSCR650x140x25
	750	844	K-ROL-KSCR750x140x25
	800	894	K-ROL-KSCR800x140x25
	900	994	K-ROL-KSCR900x140x25
	1000	1094	K-ROL-KSCR1000x140x25
	1050	1144	K-ROL-KSCR1050x140x25
	1200	1294	K-ROL-KSCR1200x140x25

166 DIA

Bearing	BW	Face	Part Number
6205zz	1050	1144	K-ROL-KSCR1050x166x25
	1200	1294	K-ROL-KSCR1200x166x25
6306zz	1200	1294	K-ROL-KSCR1200x166x30
	1350	1494	K-ROL-KSCR1350x166x30
	1400	1544	K-ROL-KSCR1400x166x30
6307zz	1400	1544	K-ROL-KSCR1400x166x35
	1500	1644	K-ROL-KSCR1500x166x35
	1600	1844	K-ROL-KSCR1600x166x35
	1800	2044	K-ROL-KSCR1800x166x35

| KEY FEATURES | Suitable for all belt widths | Uses standard return brackets |
 Suitable for reversing belts | Not affected by mechanical fasteners |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST



K-Vee Return Spiral Cleaning and Tracking Idler

BELT CLEANING & DEWATERING IDLERS

140 DIA

Bearing	BW	Roller Face
6205	600	341
	650	363
	750	417
	800	436
	900	488
	1000	541
	1050	561
	1200	646



166 DIA

Bearing	BW	Roller Face
6205	1050	561
	1200	646
6306	1200	646
	1350	745
	1400	765
6307	1400	765
	1500	815
	1600	915
	1800	1015

KEY FEATURES | Cleans the carry side of overland conveyors | Offset design eliminates build up | Reduces roller wear | Positive effect on belt tracking | Zero maintenance or adjusting required | Interchangeable with existing rollers | Not effected by mechanical fasteners |

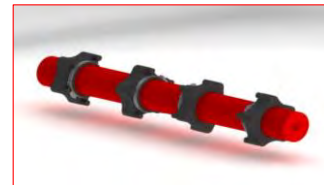
NOTE: Prices includes 2 off Vee Return Spiral Rollers and 1 off Galvanised Vee Return Frame. See above for individual roller prices if replacing rollers.

IDLER ANGLE AVAILABLE IN 5° AND 10°, ALL OTHER ANGLES CONTACT KINDER AUSTRALIA SALES ENGINEER. CUSTOM MADE IDLERS AVAILABLE UPON REQUEST

K-Shaker Vibrating Rollers

BELT CLEANING & DEWATERING IDLERS

BW	Description	Part Number
450	K-Shaker Return Roller includes 2 x Poly Shaker Discs, 2 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR450-114-25A
500	K-Shaker Return Roller includes 2 x Poly Shaker Discs, 2 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR500-114-25A
600	K-Shaker Return Roller includes 2 x Poly Shaker Discs, 2 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR600-114-25A
650	K-Shaker Return Roller includes 3 x Poly Shaker Discs, 3 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR650-114-25A
750	K-Shaker Return Roller includes 3 x Poly Shaker Discs, 3 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR750-114-25A
800	K-Shaker Return Roller includes 3 x Poly Shaker Discs, 3 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR800-114-25A
900	K-Shaker Return Roller includes 3 x Poly Shaker Discs, 3 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR900-114-25A
1000	K-Shaker Return Roller includes 4 x Poly Shaker Discs, 4 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR1000-114-25A
1050	K-Shaker Return Roller includes 4 x Poly Shaker Discs, 4 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR1050-114-25A
1200	K-Shaker Return Roller includes 4 x Poly Shaker Discs, 4 x Large Shaker Clamps, 1 x Steel Return Roller	K-CLE-KSRR1200-114-25A



K-Shaker Discs clamp on to a standard 114mm diameter return conveyor roller.
The vibration caused by the discs can help to "knockoff" carry back in a convenient location for cleanup.
The ideal installation is directly over a stockpile, bin or vibrating screen.

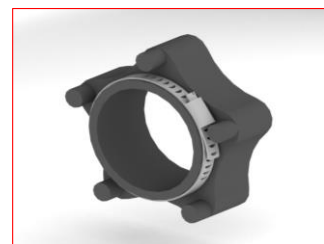
KEY BENEFITS | Easy to fit | Cost effective | Suitable for reversing belts | Not affected by mechanical fasteners |

CUSTOM MADE SIZES AVAILABLE UPON REQUEST

Replacement Part

BELT CLEANING & DEWATERING IDLERS

Description	Part Number
Polyurethane disc for K-Shaker assembly - complete with clamp	K-ROL-KSDISC114



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K-Brush Conveyor Belt Cleaners

BELT CLEANING & DEWATERING IDLERS

K-Brush LM 25mm DIA MS Shaft

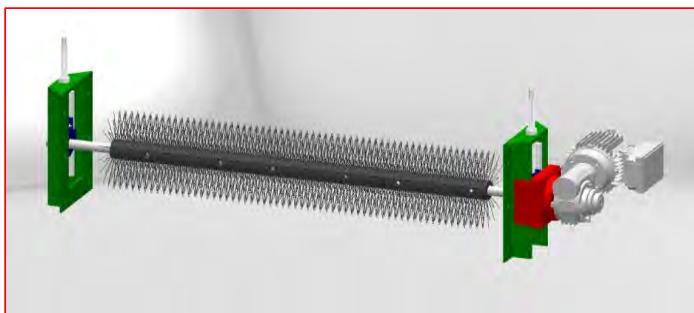
BW	Description	Part Number
450	Brush Motorised Assembly	K-CLE-LM-450BRUSHASSY
500	Brush Motorised Assembly	K-CLE-LM-500BRUSHASSY
600	Brush Motorised Assembly	K-CLE-LM-600BRUSHASSY
650	Brush Motorised Assembly	K-CLE-LM-650BRUSHASSY
750	Brush Motorised Assembly	K-CLE-LM-750BRUSHASSY
900	Brush Motorised Assembly	K-CLE-LM-900BRUSHASSY

K-Brush DM 50mm DIA MS Shaft

BW	Description	Part Number
750	Brush Motorised Assembly	K-CLE-DM-750BRUSHASSY
800	Brush Motorised Assembly	K-CLE-DM-800BRUSHASSY
900	Brush Motorised Assembly	K-CLE-DM-900BRUSHASSY
1000	Brush Motorised Assembly	K-CLE-DM-1000BRUSHASSY
1050	Brush Motorised Assembly	K-CLE-DM-1050BRUSHASSY
1200	Brush Motorised Assembly	K-CLE-DM-1200BRUSHASSY
1350	Brush Motorised Assembly	K-CLE-DM-1350BRUSHASSY
1500	Brush Motorised Assembly	K-CLE-DM-1500BRUSHASSY
1650	Brush Motorised Assembly	K-CLE-DM-1650BRUSHASSY
1800	Brush Motorised Assembly	K-CLE-DM-1800BRUSHASSY

| KEY FEATURES | Stainless Steel shaft and mounting plates are available upon request | For difficult conveyor belt cleaning and product finishing applications, the K-Brush Conveyor Belt Cleaner is designed for use where space limitations apply |

FOR LARGER BELTS THAN 1800BW PLEASE CONTACT A KINDER AUSTRALIA SALES ENGINEER



K-Brush Replacement Parts

BELT CLEANING & DEWATERING IDLERS

Description	Dia	Bristle Gauge	Roller
LM K-Brush Cleaner Segment 300LG	Choose	Choose	Spiral or Full Cell
LM K-Brush Cleaner Segment 350LG	Choose	Choose	Spiral or Full Cell
LM K-Brush Cleaner Segment 450LG	Choose	Choose	Spiral or Full Cell
DM K-Brush Cleaner Segment 150LG	Choose	Choose	Spiral or Full Cell



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Reliability
Excellence
We do.

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CASE STUDY: Tru-Trac® Conveyor Belt Tracking System

Product:	Tru-Trac® Conveyor Belt Tracking System
Product category:	Conveyor Belt Tracking
Location:	Power Station, Yallourn, Victoria
Conveyed material:	Brown Coal
Conveyor belt width:	1200 mm to 1400 mm
Conveyor belt speed:	4.5 to 5.0 metres per second
Rate:	2400 tonnes per hour
Installation date:	4 years ago, 2010

Previous problem:	The Yallourn Power Station commenced operations in 1974 with four generating units commissioned between 1974 and 1982. Every hour 2,400 tonnes of brown coal is used to boil water into superheated steam to drive four turbine generators. Our customer said:
-------------------	--

The Cost of Material Spillage:

- **Loss of conveyed material**
- **Premature conveyor system replacement costs**
- **Labour clean-up costs**
- **Trip hazards and OHS injury costs**
- **Downtime loss of production costs**
- **Damage to surrounding conveyor structure**

"We were experiencing constant tracking problems with our 2 tail-end spill conveyors. Both conveyors have gravity fed take up's and whatever we did to track them, the continual wire rope on the counterweights would automatically counter any adjustments that we made."

The conveyors were originally fitted with an inverted vee return idler which was installed to correct any tracking issues. It has been my experience over many years that inverted vees work well in this area but not successfully on slow moving conveyors."

The brown coal operated power station is located in the Latrobe Valley 150km east of Melbourne.



CASE STUDY: Tru-Trac® Conveyor Belt Tracking System

Resolution:



Above: Image of the Tru-Trac® Conveyor Belt Tracking System - the range covers self-aligning idlers for tracking both the return and load-carrying sides on slow moving, reversible, high-speed and high-load belts up to 2500mm.

Below: Tru-Trac® Conveyor Belt Tracking System installed.



Right: Tru-Trac® customised installation at the Power Station.

Our customer continued:

"I had previously used Tru-Trac® idlers before and decided to trial one on our worst conveyor. I removed the inverted vee and then installed the Tru-Trac® in the same spot which was upside down to the normal fitting method.

It was an immediate success. I trialled it for 3 months and then bought another 3 for the remaining spill conveyors. I installed them in exactly the same location and in the same manner and I no longer have any belt tracking issues at all. They have been in use now for 4 years and I have not had to touch them."

Our customer is delighted with the decision to install the Tru-Trac® Conveyor Belt Tracking System. It has met our customer's expectations and solved their **immediate belt tracking issues**. After 4 years of continuous use, the Tru-Trac® **reliably keeps the belt tracked "true" and has required no adjustments to maintain the correct belt alignment**. The outcome is that material spillage is successfully avoided and clean-ups are not necessary.



Case Study - K-Spiral Cleaning Roller

Product:	K-Spiral Cleaning Roller
Product category:	Belt Cleaning Idlers
Location:	South-East Victoria
Conveyed materials:	Granite 30mm minus
Conveyed belt width:	1200mm
Rate:	350 tonnes per hour
Installation Date:	September 2011

Previous problem:



Based in south-east Victoria, our customer's core activity is the extraction and provision of granite based aggregates. In the winter months when conditions become wet with the usual seasonal weather, the quarried material was not effectively being scraped off the return belt by the existing primary and secondary belt cleaners.

The problem was significant because as the clogged sticky material passed through both the primary and secondary cleaners, these conventional rigid blade cleaners were working twice as hard and wearing prematurely. The bumpy movement of the excess wet residue created too much contact with the cleaner blades and they were causing damage to the belt also.



Right: Typical return roller clogged with wet conveyed material, creating a build up of spillage, and long term potential to damage the belt itself.

CASE STUDY - K-Spiral Cleaning Roller

Resolution:

K-Spiral Cleaning Roller – Key Features

- Suitable for all belt widths
- Uses standard return brackets
- Suitable for reversing belts
- Not effected by mechanical fasteners

Because the Quarry Manager had used **K-Spiral Cleaning Rollers** at a previous site, he already had experienced the benefits of this wear resistant polyurethane cleaning idler. So he did not hesitate in ordering it again.

The K-Spiral Cleaning Roller offers a low maintenance solution to belt cleaning, with sticky carry back cleaned off easily by the belt friendly polyurethane spirals. **It can be used in both dry and wet applications.** Ideally it is positioned over the discharge chute or a collection hopper so that the excess conveyed material can be cleared away simply, requiring no extra labour.

This cleaning idler has now been **in production at this site for 4 years and is showing no signs of wear.** It has reliably dealt effectively with the clogged material on the return belt, **providing extra back-up cleaning during periods of wet weather.** In the drier months, the K-Spiral Cleaning Roller stays in place, acting as a standard idler on the return belt.



*Right: K-Spiral Cleaning Roller
installed on the return belt.*

K-Polymer® Conveyor Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

K-Polymer® Trough Rollers

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
102 Dia. 6204zz	400	154	K-ROL-PTRI02-400-20	2
	450	172	K-ROL-PTRI02-450-20	2
	500	189	K-ROL-PTRI02-500-20	2
	600	224	K-ROL-PTRI02-600-20	2
	650	244	K-ROL-PTRI02-650-20	2
	750	278	K-ROL-PTRI02-750-20	2
	800	294	K-ROL-PTRI02-800-20	2
	900	331	K-ROL-PTRI02-900-20	2
	1000	358	K-ROL-PTRI02-1000-20	2
	1050	383	K-ROL-PTRI02-1050-20	2
	1200	436	K-ROL-PTRI02-1200-20	2

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
114 Dia. 6205zz	400	154	K-ROL-PTRI14-400-25	2
	450	172	K-ROL-PTRI14-450-25	2
	500	189	K-ROL-PTRI14-500-25	2
	600	224	K-ROL-PTRI14-600-25	2
	650	244	K-ROL-PTRI14-650-25	2
	750	278	K-ROL-PTRI14-750-25	2
	800	294	K-ROL-PTRI14-800-25	2
	900	331	K-ROL-PTRI14-900-25	2
	1000	358	K-ROL-PTRI14-1000-25	2
	1050	383	K-ROL-PTRI14-1050-25	2
	1200	436	K-ROL-PTRI14-1200-25	2
	1350	488	K-ROL-PTRI14-1350-25	2
	1400	494	K-ROL-PTRI14-1400-25	2
	1500	541	K-ROL-PTRI14-1500-25	3

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
127 Dia. 6205zz	400	154	K-ROL-PTRI27-400-25	2
	450	172	K-ROL-PTRI27-450-25	2
	500	189	K-ROL-PTRI27-500-25	2
	600	224	K-ROL-PTRI27-600-25	2
	650	244	K-ROL-PTRI27-650-25	2
	750	278	K-ROL-PTRI27-750-25	2
	800	294	K-ROL-PTRI27-800-25	2
	900	331	K-ROL-PTRI27-900-25	2
	1000	358	K-ROL-PTRI27-1000-25	2
	1050	383	K-ROL-PTRI27-1050-25	2
	1200	436	K-ROL-PTRI27-1200-25	2
	1350	488	K-ROL-PTRI27-1350-25	2
	1400	494	K-ROL-PTRI27-1400-25	2
	1500	541	K-ROL-PTRI27-1500-25	3
	1600	561	K-ROL-PTRI27-1600-25	3
	1800	625	K-ROL-PTRI27-1800-25	3

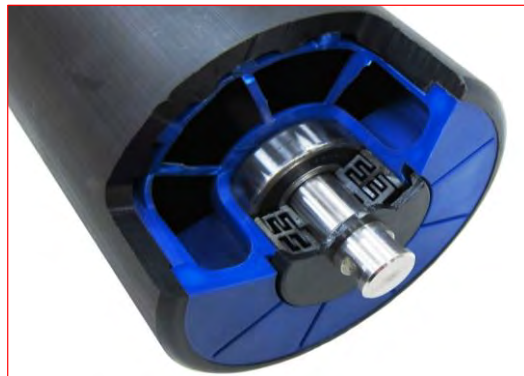
K-Polymer® Return Rollers

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
114 Dia. 6205zz	450	544	K-ROL-PRRI14-450-25	3
	500	594	K-ROL-PRRI14-500-25	3
	600	694	K-ROL-PRRI14-600-25	3
	650	744	K-ROL-PRRI14-650-25	3
	750	844	K-ROL-PRRI14-750-25	3
	800	894	K-ROL-PRRI14-800-25	3
	900	994	K-ROL-PRRI14-900-25	3
	1000	1094	K-ROL-PRRI14-1000-25	4
	1050	1144	K-ROL-PRRI14-1050-25	4
	1200	1294	K-ROL-PRRI14-1200-25	4

K-Polymer® Trough Rollers

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
152 Dia. 6206zz	750	278	K-ROL-PTRI52-750-30	2
	800	294	K-ROL-PTRI52-800-30	2
	900	331	K-ROL-PTRI52-900-30	2
	1000	358	K-ROL-PTRI52-1000-30	2
	1050	383	K-ROL-PTRI52-1050-30	2
	1200	436	K-ROL-PTRI52-1200-30	2
	1350	488	K-ROL-PTRI52-1350-30	2
	1400	494	K-ROL-PTRI52-1400-30	2
	1500	541	K-ROL-PTRI52-1500-30	3

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
152 Dia. 6305zz	750	278	K-ROL-PTRI52-750-25	2
	800	294	K-ROL-PTRI52-800-25	2
	900	331	K-ROL-PTRI52-900-25	2
	1000	358	K-ROL-PTRI52-1000-25	2
	1050	383	K-ROL-PTRI52-1050-25	2
	1200	436	K-ROL-PTRI52-1200-25	2
	1350	488	K-ROL-PTRI52-1350-25	2
	1400	494	K-ROL-PTRI52-1400-25	2
	1500	541	K-ROL-PTRI52-1500-25	3
	1600	561	K-ROL-PTRI52-1600-25	3
	1800	625	K-ROL-PTRI52-1800-25	3



| KEY BENEFITS | 50% less weight than steel | Belt friendly | Quiet | Corrosion resistant | Wear resistant | UV resistant |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

Dia./Brg.	B/W	Face	Part Number	Brg. Qty.
127 Dia. 6205zz	450	544	K-ROL-PRRI27-450-25	3
	500	594	K-ROL-PRRI27-500-25	3
	600	694	K-ROL-PRRI27-600-25	3
	650	744	K-ROL-PRRI27-650-25	3
	750	844	K-ROL-PRRI27-750-25	3
	800	894	K-ROL-PRRI27-800-25	3
	900	994	K-ROL-PRRI27-900-25	3
	1000	1094	K-ROL-PRRI27-1000-25	4
	1050	1144	K-ROL-PRRI27-1050-25	4
	1200	1294	K-ROL-PRRI27-1200-25	4
	1350	1494	K-ROL-PRRI27-1350-25	4

K-Steel Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Rollers

Dia./Brg.	B/W	Face	Part Number
102 Dia. 6204zz	400	154	K-ROL-STR-400E20
	450	172	K-ROL-STR-450E20
	500	189	K-ROL-STR-500E20
	600	224	K-ROL-STR-600E20
	650	244	K-ROL-STR-650E20
	750	278	K-ROL-STR-750E20
	800	294	K-ROL-STR-800E20
	900	331	K-ROL-STR-900E20
	1000	358	K-ROL-STR-1000E20
	1050	383	K-ROL-STR-1050E20

Dia./Brg.	B/W	Face	Part Number
102 Dia. 6205zz	400	154	K-ROL-STR-400E25
	450	172	K-ROL-STR-450E25
	500	189	K-ROL-STR-500E25
	600	224	K-ROL-STR-600E25
	650	244	K-ROL-STR-650E25
	750	278	K-ROL-STR-750E25
	800	294	K-ROL-STR-800E25
	900	331	K-ROL-STR-900E25
	1000	358	K-ROL-STR-1000E25
	1050	383	K-ROL-STR-1050E25

Dia./Brg.	B/W	Face	Part Number
114 Dia. 6204zz	400	154	K-ROL-STR-400A20
	450	172	K-ROL-STR-450A20
	500	189	K-ROL-STR-500A20
	600	224	K-ROL-STR-600A20
	650	244	K-ROL-STR-650A20
	750	278	K-ROL-STR-750A20
	800	294	K-ROL-STR-800A20
	900	331	K-ROL-STR-900A20
	1000	358	K-ROL-STR-1000A20
	1050	383	K-ROL-STR-1050A20
	1200	436	K-ROL-STR-1200A20

Dia./Brg.	B/W	Face	Part Number
114 Dia. 6205zz	400	154	K-ROL-STR-400A25
	450	172	K-ROL-STR-450A25
	500	189	K-ROL-STR-500A25
	600	224	K-ROL-STR-600A25
	650	244	K-ROL-STR-650A25
	750	278	K-ROL-STR-750A25
	800	294	K-ROL-STR-800A25
	900	331	K-ROL-STR-900A25
	1000	358	K-ROL-STR-1000A25
	1050	383	K-ROL-STR-1050A25
	1200	436	K-ROL-STR-1200A25

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6204zz	400	154	K-ROL-STR-400B20
	450	172	K-ROL-STR-450B20
	500	189	K-ROL-STR-500B20
	600	224	K-ROL-STR-600B20
	650	244	K-ROL-STR-650B20
	750	278	K-ROL-STR-750B20
	800	294	K-ROL-STR-800B20
	900	331	K-ROL-STR-900B20
	1000	358	K-ROL-STR-1000B20
	1050	383	K-ROL-STR-1050B20
	1200	436	K-ROL-STR-1200B20
	1350	488	K-ROL-STR-1350B20
	1400	494	K-ROL-STR-1400B20
	1500	541	K-ROL-STR-1500B20
	1600	561	K-ROL-STR-1600B20
	1800	625	K-ROL-STR-1800B20

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6205zz	400	154	K-ROL-STR-400B25
	450	172	K-ROL-STR-450B25
	500	189	K-ROL-STR-500B25
	600	224	K-ROL-STR-600B25
	650	244	K-ROL-STR-650B25
	750	278	K-ROL-STR-750B25
	800	294	K-ROL-STR-800B25
	900	331	K-ROL-STR-900B25
	1000	358	K-ROL-STR-1000B25
	1050	383	K-ROL-STR-1050B25
	1200	436	K-ROL-STR-1200B25
	1350	488	K-ROL-STR-1350B25
	1400	494	K-ROL-STR-1400B25
	1500	541	K-ROL-STR-1500B25
	1600	561	K-ROL-STR-1600B25
	1800	625	K-ROL-STR-1800B25

KEY FEATURES | Available in all belt widths for trough and return applications | Variations include shells lagged with rubber or polyurethane for extreme abrasive applications, rubber disc, impact, stainless steel and aluminium | Roller diameters range from 63.5mm to 219mm | High tolerance is maintained to Total Indicator Run-out (T.I.R.) and balance | Material grade for standard roller shell and shaft is Q235 |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST



K-Steel Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Rollers

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6305zz	400	154	K-ROL-STR-400C25
	450	172	K-ROL-STR-450C25
	500	189	K-ROL-STR-500C25
	600	224	K-ROL-STR-600C25
	650	244	K-ROL-STR-650C25
	750	278	K-ROL-STR-750C25
	800	294	K-ROL-STR-800C25
	900	331	K-ROL-STR-900C25
	1000	358	K-ROL-STR-1000C25
	1050	383	K-ROL-STR-1050C25
	1200	436	K-ROL-STR-1200C25
	1350	488	K-ROL-STR-1350C25
	1400	494	K-ROL-STR-1400C25
	1500	541	K-ROL-STR-1500C25
	1600	561	K-ROL-STR-1600C25
	1800	625	K-ROL-STR-1800C25

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6206zz	400	154	K-ROL-STR-400C30
	450	172	K-ROL-STR-450C30
	500	189	K-ROL-STR-500C30
	600	224	K-ROL-STR-600C30
	650	244	K-ROL-STR-650C30
	750	278	K-ROL-STR-750C30
	800	294	K-ROL-STR-800C30
	900	331	K-ROL-STR-900C30
	1000	358	K-ROL-STR-1000C30
	1050	383	K-ROL-STR-1050C30
	1200	436	K-ROL-STR-1200C30
	1350	488	K-ROL-STR-1350C30
	1400	494	K-ROL-STR-1400C30
	1500	541	K-ROL-STR-1500C30
	1600	561	K-ROL-STR-1600C30
	1800	625	K-ROL-STR-1800C30

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6306zz	400	154	K-ROL-STR-400D30
	450	172	K-ROL-STR-450D30
	500	189	K-ROL-STR-500D30
	600	224	K-ROL-STR-600D30
	650	244	K-ROL-STR-650D30
	750	278	K-ROL-STR-750D30
	800	294	K-ROL-STR-800D30
	900	331	K-ROL-STR-900D30
	1000	358	K-ROL-STR-1000D30
	1050	383	K-ROL-STR-1050D30
	1200	436	K-ROL-STR-1200D30
	1350	488	K-ROL-STR-1350D30
	1400	494	K-ROL-STR-1400D30
	1500	541	K-ROL-STR-1500D30
	1600	561	K-ROL-STR-1600D30
	1800	625	K-ROL-STR-1800D30



Dia./Brg.	B/W	Face	Part Number
152 Dia. 6305zz	400	154	K-ROL-STR-400N25
	450	172	K-ROL-STR-450N25
	500	189	K-ROL-STR-500N25
	600	224	K-ROL-STR-600N25
	650	244	K-ROL-STR-650N25
	750	278	K-ROL-STR-750N25
	800	294	K-ROL-STR-800N25
	900	331	K-ROL-STR-900N25
	1000	358	K-ROL-STR-1000N25
	1050	383	K-ROL-STR-1050N25
	1200	436	K-ROL-STR-1200N25
	1350	488	K-ROL-STR-1350N25
	1400	494	K-ROL-STR-1400N25
	1500	541	K-ROL-STR-1500N25
	1600	561	K-ROL-STR-1600N25
	1800	625	K-ROL-STR-1800N25

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6206zz	400	154	K-ROL-STR-400N30
	450	172	K-ROL-STR-450N30
	500	189	K-ROL-STR-500N30
	600	224	K-ROL-STR-600N30
	650	244	K-ROL-STR-650N30
	750	278	K-ROL-STR-750N30
	800	294	K-ROL-STR-800N30
	900	331	K-ROL-STR-900N30
	1000	358	K-ROL-STR-1000N30
	1050	383	K-ROL-STR-1050N30
	1200	436	K-ROL-STR-1200N30
	1350	488	K-ROL-STR-1350N30
	1400	494	K-ROL-STR-1400N30
	1500	541	K-ROL-STR-1500N30
	1600	561	K-ROL-STR-1600N30
	1800	625	K-ROL-STR-1800N30

KEY FEATURES | Available in all belt widths for trough and return applications | Variations include shells lagged with rubber or polyurethane extreme abrasive applications, rubber disc, impact, stainless steel and aluminium | Roller diameters range from 63.5mm to 219mm | High tolerance is maintained to Total Indicator Run-out (T.I.R.) and balance | Material grade for standard roller shell and shaft is Q235 |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Steel Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Rollers

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6306zz	400	154	K-ROL-STR-400O30
	450	172	K-ROL-STR-450O30
	500	189	K-ROL-STR-500O30
	600	224	K-ROL-STR-600O30
	650	244	K-ROL-STR-650O30
	750	278	K-ROL-STR-750O30
	800	294	K-ROL-STR-800O30
	900	331	K-ROL-STR-900O30
	1000	358	K-ROL-STR-1000O30
	1050	383	K-ROL-STR-1050O30
	1200	436	K-ROL-STR-1200O30
	1350	488	K-ROL-STR-1350O30
	1400	494	K-ROL-STR-1400O30
	1500	541	K-ROL-STR-1500O30
	1600	561	K-ROL-STR-1600O30
	1800	625	K-ROL-STR-1800O30

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6307zz	400	154	K-ROL-STR-400P35
	450	172	K-ROL-STR-450P35
	500	189	K-ROL-STR-500P35
	600	224	K-ROL-STR-600P35
	650	244	K-ROL-STR-650P35
	750	278	K-ROL-STR-750P35
	800	294	K-ROL-STR-800P35
	900	331	K-ROL-STR-900P35
	1000	358	K-ROL-STR-1000P35
	1050	383	K-ROL-STR-1050P35
	1200	436	K-ROL-STR-1200P35
	1350	488	K-ROL-STR-1350P35
	1400	494	K-ROL-STR-1400P35
	1500	541	K-ROL-STR-1500P35
	1600	561	K-ROL-STR-1600P35
	1800	625	K-ROL-STR-1800P35

K-Steel Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Return Rollers

Dia./Brg.	B/W	Face	Part Number
102 Dia. 6204zz	400	494	K-ROL-SRR-400E20
	450	544	K-ROL-SRR-450E20
	500	594	K-ROL-SRR-500E20
	600	694	K-ROL-SRR-600E20
	650	744	K-ROL-SRR-650E20
	750	844	K-ROL-SRR-750E20
	800	894	K-ROL-SRR-800E20
	900	994	K-ROL-SRR-900E20
	1000	1094	K-ROL-SRR-1000E20
	1050	1144	K-ROL-SRR-1050E20

Dia./Brg.	B/W	Face	Part Number
102 Dia. 6205zz	400	494	K-ROL-SRR-400E25
	450	544	K-ROL-SRR-450E25
	500	594	K-ROL-SRR-500E25
	600	694	K-ROL-SRR-600E25
	650	744	K-ROL-SRR-650E25
	750	844	K-ROL-SRR-750E25
	800	894	K-ROL-SRR-800E25
	900	994	K-ROL-SRR-900E25
	1000	1094	K-ROL-SRR-1000E25
	1050	1144	K-ROL-SRR-1050E25

Dia./Brg.	B/W	Face	Part Number
114 Dia. 6204zz	400	494	K-ROL-SRR-400A20
	450	544	K-ROL-SRR-450A20
	500	594	K-ROL-SRR-500A20
	600	694	K-ROL-SRR-600A20
	650	744	K-ROL-SRR-650A20
	750	844	K-ROL-SRR-750A20
	800	894	K-ROL-SRR-800A20
	900	994	K-ROL-SRR-900A20
	1000	1094	K-ROL-SRR-1000A20
	1050	1144	K-ROL-SRR-1050A20
	1200	1294	K-ROL-SRR-1200A20

Dia./Brg.	B/W	Face	Part Number
114 Dia. 6205zz	400	494	K-ROL-SRR-400A25
	450	544	K-ROL-SRR-450A25
	500	594	K-ROL-SRR-500A25
	600	694	K-ROL-SRR-600A25
	650	744	K-ROL-SRR-650A25
	750	844	K-ROL-SRR-750A25
	800	894	K-ROL-SRR-800A25
	900	994	K-ROL-SRR-900A25
	1000	1094	K-ROL-SRR-1000A25
	1050	1144	K-ROL-SRR-1050A25
	1200	1294	K-ROL-SRR-1200A25
	1350	1494	K-ROL-SRR-1350A25
	1400	1544	K-ROL-SRR-1400A25



CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Steel Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Return Rollers

Dia./Brg.	B/W	Face	Part Number
114 Dia. 6206zz	400	494	K-ROL-SRR-400A30
	450	544	K-ROL-SRR-450A30
	500	594	K-ROL-SRR-500A30
	600	694	K-ROL-SRR-600A30
	650	744	K-ROL-SRR-650A30
	750	844	K-ROL-SRR-750A30
	800	894	K-ROL-SRR-800A30
	900	994	K-ROL-SRR-900A30
	1000	1094	K-ROL-SRR-1000A30
	1050	1144	K-ROL-SRR-1050A30
	1200	1294	K-ROL-SRR-1200A30
	1350	1494	K-ROL-SRR-1350A30
	1400	1544	K-ROL-SRR-1400A30
	1500	1644	K-ROL-SRR-1500A30



Dia./Brg.	B/W	Face	Part Number
127 Dia. 6204zz	400	494	K-ROL-SRR-400B20
	450	544	K-ROL-SRR-450B20
	500	594	K-ROL-SRR-500B20
	600	694	K-ROL-SRR-600B20
	650	744	K-ROL-SRR-650B20
	750	844	K-ROL-SRR-750B20
	800	894	K-ROL-SRR-800B20
	900	994	K-ROL-SRR-900B20
	1000	1094	K-ROL-SRR-1000B20
	1050	1144	K-ROL-SRR-1050B20
	1200	1294	K-ROL-SRR-1200B20

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6205zz	400	494	K-ROL-SRR-400B25
	450	544	K-ROL-SRR-450B25
	500	594	K-ROL-SRR-500B25
	600	694	K-ROL-SRR-600B25
	650	744	K-ROL-SRR-650B25
	750	844	K-ROL-SRR-750B25
	800	894	K-ROL-SRR-800B25
	900	994	K-ROL-SRR-900B25
	1000	1094	K-ROL-SRR-1000B25
	1050	1144	K-ROL-SRR-1050B25
	1200	1294	K-ROL-SRR-1200B25
	1350	1494	K-ROL-SRR-1350B25
	1400	1544	K-ROL-SRR-1400B25
	1500	1644	K-ROL-SRR-1500B25

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6305zz	400	494	K-ROL-SRR-400C25
	450	544	K-ROL-SRR-450C25
	500	594	K-ROL-SRR-500C25
	600	694	K-ROL-SRR-600C25
	650	744	K-ROL-SRR-650C25
	750	844	K-ROL-SRR-750C25
	800	894	K-ROL-SRR-800C25
	900	994	K-ROL-SRR-900C25
	1000	1094	K-ROL-SRR-1000C25
	1050	1144	K-ROL-SRR-1050C25
	1200	1294	K-ROL-SRR-1200C25
	1350	1494	K-ROL-SRR-1350C25
	1400	1544	K-ROL-SRR-1400C25
	1500	1644	K-ROL-SRR-1500C25
	1600	1844	K-ROL-SRR-1600C25
	1800	2044	K-ROL-SRR-1800C25

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6206zz	400	494	K-ROL-SRR-400C30
	450	544	K-ROL-SRR-450C30
	500	594	K-ROL-SRR-500C30
	600	694	K-ROL-SRR-600C30
	650	744	K-ROL-SRR-650C30
	750	844	K-ROL-SRR-750C30
	800	894	K-ROL-SRR-800C30
	900	994	K-ROL-SRR-900C30
	1000	1094	K-ROL-SRR-1000C30
	1050	1144	K-ROL-SRR-1050C30
	1200	1294	K-ROL-SRR-1200C30
	1350	1494	K-ROL-SRR-1350C30
	1400	1544	K-ROL-SRR-1400C30
	1500	1644	K-ROL-SRR-1500C30
	1600	1844	K-ROL-SRR-1600C30
	1800	2044	K-ROL-SRR-1800C30

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Steel Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Return Rollers

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6306zz	400	494	K-ROL-SRR-400D30
	450	544	K-ROL-SRR-450D30
	500	594	K-ROL-SRR-500D30
	600	694	K-ROL-SRR-600D30
	650	744	K-ROL-SRR-650D30
	750	844	K-ROL-SRR-750D30
	800	894	K-ROL-SRR-800D30
	900	994	K-ROL-SRR-900D30
	1000	1094	K-ROL-SRR-1000D30
	1050	1144	K-ROL-SRR-1050D30
	1200	1294	K-ROL-SRR-1200D30
	1350	1494	K-ROL-SRR-1350D30
	1400	1544	K-ROL-SRR-1400D30
	1500	1644	K-ROL-SRR-1500D30
	1600	1844	K-ROL-SRR-1600D30
	1800	2044	K-ROL-SRR-1800D30



Dia./Brg.	B/W	Face	Part Number
152 Dia. 6305zz	400	494	K-ROL-SRR-400N25
	450	544	K-ROL-SRR-450N25
	500	594	K-ROL-SRR-500N25
	600	694	K-ROL-SRR-600N25
	650	744	K-ROL-SRR-650N25
	750	844	K-ROL-SRR-750N25
	800	894	K-ROL-SRR-800N25
	900	994	K-ROL-SRR-900N25
	1000	1094	K-ROL-SRR-1000N25
	1050	1144	K-ROL-SRR-1050N25
	1200	1294	K-ROL-SRR-1200N25
	1350	1494	K-ROL-SRR-1350N25
	1400	1544	K-ROL-SRR-1400N25
	1500	1644	K-ROL-SRR-1500N25
	1600	1844	K-ROL-SRR-1600N25
	1800	2044	K-ROL-SRR-1800N25

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6206zz	400	494	K-ROL-SRR-400N30
	450	544	K-ROL-SRR-450N30
	500	594	K-ROL-SRR-500N30
	600	694	K-ROL-SRR-600N30
	650	744	K-ROL-SRR-650N30
	750	844	K-ROL-SRR-750N30
	800	894	K-ROL-SRR-800N30
	900	994	K-ROL-SRR-900N30
	1000	1094	K-ROL-SRR-1000N30
	1050	1144	K-ROL-SRR-1050N30
	1200	1294	K-ROL-SRR-1200N30
	1350	1494	K-ROL-SRR-1350N30
	1400	1544	K-ROL-SRR-1400N30
	1500	1644	K-ROL-SRR-1500N30
	1600	1844	K-ROL-SRR-1600N30
	1800	2044	K-ROL-SRR-1800N30

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6306zz	400	494	K-ROL-SRR-400O30
	450	544	K-ROL-SRR-450O30
	500	594	K-ROL-SRR-500O30
	600	694	K-ROL-SRR-600O30
	650	744	K-ROL-SRR-650O30
	750	844	K-ROL-SRR-750O30
	800	894	K-ROL-SRR-800O30
	900	994	K-ROL-SRR-900O30
	1000	1094	K-ROL-SRR-1000O30
	1050	1144	K-ROL-SRR-1050O30
	1200	1294	K-ROL-SRR-1200O30
	1350	1494	K-ROL-SRR-1350O30
	1400	1544	K-ROL-SRR-1400O30
	1500	1644	K-ROL-SRR-1500O30
	1600	1844	K-ROL-SRR-1600O30
	1800	2044	K-ROL-SRR-1800O30

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6307zz	400	494	K-ROL-SRR-400P35
	450	544	K-ROL-SRR-450P35
	500	594	K-ROL-SRR-500P35
	600	694	K-ROL-SRR-600P35
	650	744	K-ROL-SRR-650P35
	750	844	K-ROL-SRR-750P35
	800	894	K-ROL-SRR-800P35
	900	994	K-ROL-SRR-900P35
	1000	1094	K-ROL-SRR-1000P35
	1050	1144	K-ROL-SRR-1050P35
	1200	1294	K-ROL-SRR-1200P35
	1350	1494	K-ROL-SRR-1350P35
	1400	1544	K-ROL-SRR-1400P35
	1500	1644	K-ROL-SRR-1500P35
	1600	1844	K-ROL-SRR-1600P35
	1800	2044	K-ROL-SRR-1800P35

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Industrial Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Rollers

Dia./Brg.	BW	Face	Part Number
114 Dia. 6204zz	400	154	K-ROL-ITR-400A20
	450	172	K-ROL-ITR-450A20
	500	189	K-ROL-ITR-500A20
	600	224	K-ROL-ITR-600A20
	650	244	K-ROL-ITR-650A20
	750	278	K-ROL-ITR-750A20
	800	294	K-ROL-ITR-800A20
	900	331	K-ROL-ITR-900A20
	1000	358	K-ROL-ITR-1000A20
	1050	383	K-ROL-ITR-1050A20
	1200	436	K-ROL-ITR-1200A20

Dia./Brg.	BW	Face	Part Number
114 Dia. 6205zz	400	154	K-ROL-ITR-400A25
	450	172	K-ROL-ITR-450A25
	500	189	K-ROL-ITR-500A25
	600	224	K-ROL-ITR-600A25
	650	244	K-ROL-ITR-650A25
	750	278	K-ROL-ITR-750A25
	800	294	K-ROL-ITR-800A25
	900	331	K-ROL-ITR-900A25
	1000	358	K-ROL-ITR-1000A25
	1050	383	K-ROL-ITR-1050A25
	1200	436	K-ROL-ITR-1200A25

Dia./Brg.	BW	Face	Part Number
127 Dia. 6204zz	400	154	K-ROL-ITR-400B20
	450	172	K-ROL-ITR-450B20
	500	189	K-ROL-ITR-500B20
	600	224	K-ROL-ITR-600B20
	650	244	K-ROL-ITR-650B20
	750	278	K-ROL-ITR-750B20
	800	294	K-ROL-ITR-800B20
	900	331	K-ROL-ITR-900B20
	1000	358	K-ROL-ITR-1000B20
	1050	383	K-ROL-ITR-1050B20
	1200	436	K-ROL-ITR-1200B20

Dia./Brg.	BW	Face	Part Number
127 Dia. 6205zz	400	154	K-ROL-ITR-400B25
	450	172	K-ROL-ITR-450B25
	500	189	K-ROL-ITR-500B25
	600	224	K-ROL-ITR-600B25
	650	244	K-ROL-ITR-650B25
	750	278	K-ROL-ITR-750B25
	800	294	K-ROL-ITR-800B25
	900	331	K-ROL-ITR-900B25
	1000	358	K-ROL-ITR-1000B25
	1050	383	K-ROL-ITR-1050B25
	1200	436	K-ROL-ITR-1200B25

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Industrial Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Return Rollers

Dia./Brg.	BW	Face	Part Number
114 Dia. 6204zz	400	494	K-ROL-IRR-400A20
	450	544	K-ROL-IRR-450A20
	500	594	K-ROL-IRR-500A20
	600	694	K-ROL-IRR-600A20
	650	744	K-ROL-IRR-650A20
	750	844	K-ROL-IRR-750A20
	800	894	K-ROL-IRR-800A20
	900	994	K-ROL-IRR-900A20
	1000	1094	K-ROL-IRR-1000A20
	1050	1144	K-ROL-IRR-1050A20
	1200	1294	K-ROL-IRR-1200A20

Dia./Brg.	BW	Face	Part Number
114 Dia. 6205zz	400	494	K-ROL-IRR-400A25
	450	544	K-ROL-IRR-450A25
	500	594	K-ROL-IRR-500A25
	600	694	K-ROL-IRR-600A25
	650	744	K-ROL-IRR-650A25
	750	844	K-ROL-IRR-750A25
	800	894	K-ROL-IRR-800A25
	900	994	K-ROL-IRR-900A25
	1000	1094	K-ROL-IRR-1000A25
	1050	1144	K-ROL-IRR-1050A25
	1200	1294	K-ROL-IRR-1200A25

Dia./Brg.	BW	Face	Part Number
127 Dia. 6204zz	400	494	K-ROL-IRR-400B20
	450	544	K-ROL-IRR-450B20
	500	594	K-ROL-IRR-500B20
	600	694	K-ROL-IRR-600B20
	650	744	K-ROL-IRR-650B20
	750	844	K-ROL-IRR-750B20
	800	894	K-ROL-IRR-800B20
	900	994	K-ROL-IRR-900B20
	1000	1094	K-ROL-IRR-1000B20
	1050	1144	K-ROL-IRR-1050B20
	1200	1294	K-ROL-IRR-1200B20

Dia./Brg.	BW	Face	Part Number
127 Dia. 6205zz	400	494	K-ROL-IRR-400B25
	450	544	K-ROL-IRR-450B25
	500	594	K-ROL-IRR-500B25
	600	694	K-ROL-IRR-600B25
	650	744	K-ROL-IRR-650B25
	750	844	K-ROL-IRR-750B25
	800	894	K-ROL-IRR-800B25
	900	994	K-ROL-IRR-900B25
	1000	1094	K-ROL-IRR-1000B25
	1050	1144	K-ROL-IRR-1050B25
	1200	1294	K-ROL-IRR-1200B25



CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Protector® Return Idler Guards

CONVEYOR ROLLERS, IDLERS AND FRAMES

K-Protector® V2 102-127Dia 14.5A/F

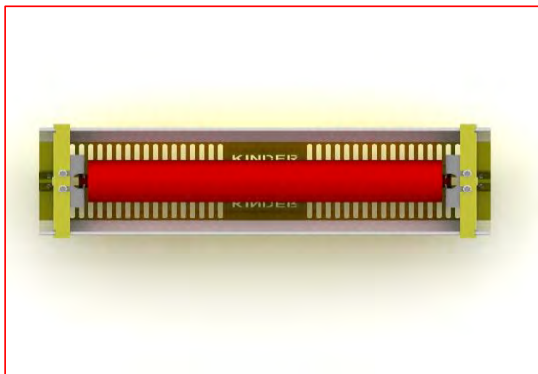
Bracket A/F	BW	Part Number
14.5mm	450	K-RRP-0450-102-127-AS
	500	K-RRP-0500-102-127-AS
	600	K-RRP-0600-102-127-AS
	650	K-RRP-0650-102-127-AS
	750	K-RRP-0750-102-127-AS
	800	K-RRP-0800-102-127-AS
	900	K-RRP-0900-102-127-AS
	1000	K-RRP-1000-102-127-AS
	1050	K-RRP-1050-102-127-AS
	1200	K-RRP-1200-102-127-AS
	1400	K-RRP-1400-102-127-AS
	1500	K-RRP-1500-102-127-AS

K-Protector® V2 133-159Dia 22.5A/F

Bracket A/F	BW	Part Number
22.5mm	450	K-RRP-0450-133-159-AS
	500	K-RRP-0500-133-159-AS
	600	K-RRP-0600-133-159-AS
	650	K-RRP-0650-133-159-AS
	750	K-RRP-0750-133-159-AS
	800	K-RRP-0800-133-159-AS
	900	K-RRP-0900-133-159-AS
	1000	K-RRP-1000-133-159-AS
	1050	K-RRP-1050-133-159-AS
	1200	K-RRP-1200-133-159-AS
	1400	K-RRP-1400-133-159-AS
	1500	K-RRP-1500-133-159-AS

| KEY FEATURES | Bolted or quick-release guard panels provide convenient access to the idler for maintenance and cleaning | Comes with adjustable return roller brackets to suit all common roller dia, and shaft undercuts | Available for steel or self cleaning rubber disc return rollers in all belt widths | Acts as a basket to catch roller in the event of idler failure | Composite polymer leading edge protects the belt from wear/abrasion | Protects the user by eliminating nip points | All standard belt widths available | Conveyor roller not included |

CUSTOM MADE SIZES AVAILABLE UPON REQUEST



K-Impact Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Impact Rollers

Dia./Brg.	BW	Face	Part Number
114 Dia. 6204zz	450	172	K-ROL-STIR-450A20
	500	189	K-ROL-STIR-500A20
	600	224	K-ROL-STIR-600A20
	650	244	K-ROL-STIR-650A20
	750	278	K-ROL-STIR-750A20
	800	294	K-ROL-STIR-800A20
	900	331	K-ROL-STIR-900A20
	1000	358	K-ROL-STIR-1000A20
	1050	383	K-ROL-STIR-1050A20
	1200	436	K-ROL-STIR-1200A20

Dia./Brg.	BW	Face	Part Number
114 Dia. 6205zz	450	172	K-ROL-STIR-450A25
	500	189	K-ROL-STIR-500A25
	600	224	K-ROL-STIR-600A25
	650	244	K-ROL-STIR-650A25
	750	278	K-ROL-STIR-750A25
	800	294	K-ROL-STIR-800A25
	900	331	K-ROL-STIR-900A25
	1000	358	K-ROL-STIR-1000A25
	1050	383	K-ROL-STIR-1050A25
	1200	436	K-ROL-STIR-1200A25
	1350	488	K-ROL-STIR-1350A25
	1400	494	K-ROL-STIR-1400A25
	1500	541	K-ROL-STIR-1500A25
	1600	561	K-ROL-STIR-1600A25

Dia./Brg.	BW	Face	Part Number
127 Dia. 6204zz	400	154	K-ROL-STIR-400B20
	450	172	K-ROL-STIR-450B20
	500	189	K-ROL-STIR-500B20
	600	224	K-ROL-STIR-600B20
	650	244	K-ROL-STIR-650B20
	750	278	K-ROL-STIR-750B20
	800	294	K-ROL-STIR-800B20
	900	331	K-ROL-STIR-900B20
	1000	358	K-ROL-STIR-1000B20
	1050	383	K-ROL-STIR-1050B20
	1200	436	K-ROL-STIR-1200B20
	1350	488	K-ROL-STIR-1350B20
	1400	494	K-ROL-STIR-1400B20
	1500	541	K-ROL-STIR-1500B20
	1600	561	K-ROL-STIR-1600B20
	1800	625	K-ROL-STIR-1800B20

Dia./Brg.	BW	Face	Part Number
127 Dia. 6205zz	400	154	K-ROL-STIR-400B25
	450	172	K-ROL-STIR-450B25
	500	189	K-ROL-STIR-500B25
	600	224	K-ROL-STIR-600B25
	650	244	K-ROL-STIR-650B25
	750	278	K-ROL-STIR-750B25
	800	294	K-ROL-STIR-800B25
	900	331	K-ROL-STIR-900B25
	1000	358	K-ROL-STIR-1000B25
	1050	383	K-ROL-STIR-1050B25
	1200	436	K-ROL-STIR-1200B25
	1350	488	K-ROL-STIR-1350B25
	1400	494	K-ROL-STIR-1400B25
	1500	541	K-ROL-STIR-1500B25
	1600	561	K-ROL-STIR-1600B25
	1800	625	K-ROL-STIR-1800B25

Dia./Brg.	BW	Face	Part Number
127 Dia. 6305zz	400	154	K-ROL-STIR-400C25
	450	172	K-ROL-STIR-450C25
	500	189	K-ROL-STIR-500C25
	600	224	K-ROL-STIR-600C25
	650	244	K-ROL-STIR-650C25
	750	278	K-ROL-STIR-750C25
	800	294	K-ROL-STIR-800C25
	900	331	K-ROL-STIR-900C25
	1000	358	K-ROL-STIR-1000C25
	1050	383	K-ROL-STIR-1050C25
	1200	436	K-ROL-STIR-1200C25
	1350	488	K-ROL-STIR-1350C25
	1400	494	K-ROL-STIR-1400C25
	1500	541	K-ROL-STIR-1500C25
	1600	561	K-ROL-STIR-1600C25
	1800	625	K-ROL-STIR-1800C25

Dia./Brg.	BW	Face	Part Number
127 Dia. 6206zz	400	154	K-ROL-STIR-400C30
	450	172	K-ROL-STIR-450C30
	500	189	K-ROL-STIR-500C30
	600	224	K-ROL-STIR-600C30
	650	244	K-ROL-STIR-650C30
	750	278	K-ROL-STIR-750C30
	800	294	K-ROL-STIR-800C30
	900	331	K-ROL-STIR-900C30
	1000	358	K-ROL-STIR-1000C30
	1050	383	K-ROL-STIR-1050C30
	1200	436	K-ROL-STIR-1200C30
	1350	488	K-ROL-STIR-1350C30
	1400	494	K-ROL-STIR-1400C30
	1500	541	K-ROL-STIR-1500C30
	1600	561	K-ROL-STIR-1600C30
	1800	625	K-ROL-STIR-1800C30

KEY BENEFITS | Protects the belt where the lumps, weight or shape of bulk material can cause damage to the belt cover or ply from the free fall of material | Consists of a series of resilient rubber discs assembled onto an inner heavy duty steel tube |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Impact Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Impact Rollers

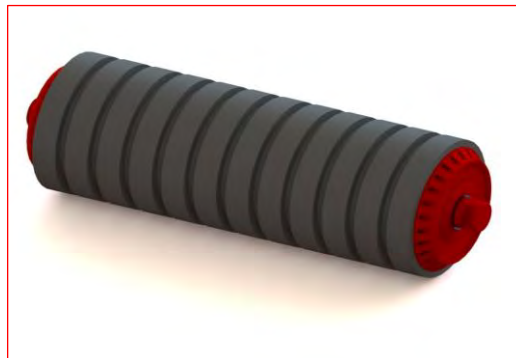
Dia./Brg.	BW	Face	Part Number
127 Dia. 6306zz	400	154	K-ROL-STIR-400D30
	450	172	K-ROL-STIR-450D30
	500	189	K-ROL-STIR-500D30
	600	224	K-ROL-STIR-600D30
	650	244	K-ROL-STIR-650D30
	750	278	K-ROL-STIR-750D30
	800	294	K-ROL-STIR-800D30
	900	331	K-ROL-STIR-900D30
	1000	358	K-ROL-STIR-1000D30
	1050	383	K-ROL-STIR-1050D30
	1200	436	K-ROL-STIR-1200D30
	1350	488	K-ROL-STIR-1350D30
	1400	494	K-ROL-STIR-1400D30
	1500	541	K-ROL-STIR-1500D30
	1600	561	K-ROL-STIR-1600D30
	1800	625	K-ROL-STIR-1800D30

Dia./Brg.	BW	Face	Part Number
152 Dia. 6305zz	400	154	K-ROL-STIR-400N25
	450	172	K-ROL-STIR-450N25
	500	189	K-ROL-STIR-500N25
	600	224	K-ROL-STIR-600N25
	650	244	K-ROL-STIR-650N25
	750	278	K-ROL-STIR-750N25
	800	294	K-ROL-STIR-800N25
	900	331	K-ROL-STIR-900N25
	1000	358	K-ROL-STIR-1000N25
	1050	383	K-ROL-STIR-1050N25
	1200	436	K-ROL-STIR-1200N25
	1350	488	K-ROL-STIR-1350N25
	1400	494	K-ROL-STIR-1400N25
	1500	541	K-ROL-STIR-1500N25
	1600	561	K-ROL-STIR-1600N25
	1800	625	K-ROL-STIR-1800N25

Dia./Brg.	BW	Face	Part Number
152 Dia. 6206zz	400	154	K-ROL-STIR-400N30
	450	172	K-ROL-STIR-450N30
	500	189	K-ROL-STIR-500N30
	600	224	K-ROL-STIR-600N30
	650	244	K-ROL-STIR-650N30
	750	278	K-ROL-STIR-750N30
	800	294	K-ROL-STIR-800N30
	900	331	K-ROL-STIR-900N30
	1000	358	K-ROL-STIR-1000N30
	1050	383	K-ROL-STIR-1050N30
	1200	436	K-ROL-STIR-1200N30
	1350	488	K-ROL-STIR-1350N30
	1400	494	K-ROL-STIR-1400N30
	1500	541	K-ROL-STIR-1500N30
	1600	561	K-ROL-STIR-1600N30
	1800	625	K-ROL-STIR-1800N30

Dia./Brg.	BW	Face	Part Number
152 Dia. 6306zz	400	154	K-ROL-STIR-400O30
	450	172	K-ROL-STIR-450O30
	500	189	K-ROL-STIR-500O30
	600	224	K-ROL-STIR-600O30
	650	244	K-ROL-STIR-650O30
	750	278	K-ROL-STIR-750O30
	800	294	K-ROL-STIR-800O30
	900	331	K-ROL-STIR-900O30
	1000	358	K-ROL-STIR-1000O30
	1050	383	K-ROL-STIR-1050O30
	1200	436	K-ROL-STIR-1200O30
	1350	488	K-ROL-STIR-1350O30
	1400	494	K-ROL-STIR-1400O30
	1500	541	K-ROL-STIR-1500O30
	1600	561	K-ROL-STIR-1600O30
	1800	625	K-ROL-STIR-1800O30

Dia./Brg.	BW	Face	Part Number
159 Dia. 6307zz	400	154	K-ROL-STIR-400P35
	450	172	K-ROL-STIR-450P35
	500	189	K-ROL-STIR-500P35
	600	224	K-ROL-STIR-600P35
	650	244	K-ROL-STIR-650P35
	750	278	K-ROL-STIR-750P35
	800	294	K-ROL-STIR-800P35
	900	331	K-ROL-STIR-900P35
	1000	358	K-ROL-STIR-1000P35
	1050	383	K-ROL-STIR-1050P35
	1200	436	K-ROL-STIR-1200P35
	1350	488	K-ROL-STIR-1350P35
	1400	494	K-ROL-STIR-1400P35
	1500	541	K-ROL-STIR-1500P35
	1600	561	K-ROL-STIR-1600P35
	1800	625	K-ROL-STIR-1800P35



KEY BENEFITS | Used in conveyor loading and transfer point applications and in purpose built strenghtened frames | Ideally with roller retainer plates fitted to stop the roller from dislodging from the brackets under dynamic load |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Impact Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Trough Impact Rollers

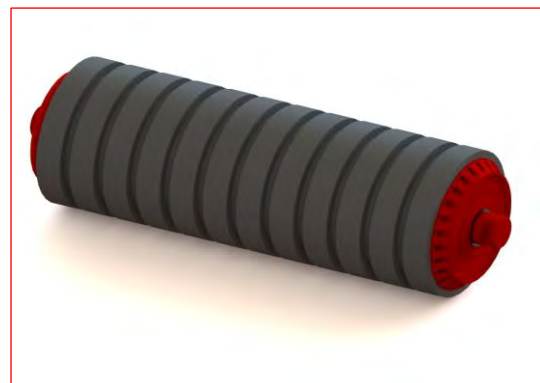
Dia./Brg.	BW	Face	Part Number
133 Dia. 6204zz	400	154	K-ROL-STIR-400-133-6204
	450	172	K-ROL-STIR-450-133-6204
	500	189	K-ROL-STIR-500-133-6204
	600	224	K-ROL-STIR-600-133-6204
	650	244	K-ROL-STIR-650-133-6204
	750	278	K-ROL-STIR-750-133-6204
	800	294	K-ROL-STIR-800-133-6204
	900	331	K-ROL-STIR-900-133-6204
	1000	358	K-ROL-STIR-1000-133-6204
	1050	383	K-ROL-STIR-1050-133-6204
	1200	436	K-ROL-STIR-1200-133-6204
	1350	488	K-ROL-STIR-1350-133-6204
	1400	494	K-ROL-STIR-1400-133-6204
	1500	541	K-ROL-STIR-1500-133-6204
	1600	561	K-ROL-STIR-1600-133-6204
	1800	625	K-ROL-STIR-1800-133-6204

Dia./Brg.	BW	Face	Part Number
133 Dia. 6205zz	400	154	K-ROL-STIR-400-133-6205
	450	172	K-ROL-STIR-450-133-6205
	500	189	K-ROL-STIR-500-133-6205
	600	224	K-ROL-STIR-600-133-6205
	650	244	K-ROL-STIR-650-133-6205
	750	278	K-ROL-STIR-750-133-6205
	800	294	K-ROL-STIR-800-133-6205
	900	331	K-ROL-STIR-900-133-6205
	1000	358	K-ROL-STIR-1000-133-6205
	1050	383	K-ROL-STIR-1050-133-6205
	1200	436	K-ROL-STIR-1200-133-6205
	1350	488	K-ROL-STIR-1350-133-6205
	1400	494	K-ROL-STIR-1400-133-6205
	1500	541	K-ROL-STIR-1500-133-6205
	1600	561	K-ROL-STIR-1600-133-6205
	1800	625	K-ROL-STIR-1800-133-6205

Dia./Brg.	BW	Face	Part Number
133 Dia. 6305zz	400	154	K-ROL-STIR-400-133-6305
	450	172	K-ROL-STIR-450-133-6305
	500	189	K-ROL-STIR-500-133-6305
	600	224	K-ROL-STIR-600-133-6305
	650	244	K-ROL-STIR-650-133-6305
	750	278	K-ROL-STIR-750-133-6305
	800	294	K-ROL-STIR-800-133-6305
	900	331	K-ROL-STIR-900-133-6305
	1000	358	K-ROL-STIR-1000-133-6305
	1050	383	K-ROL-STIR-1050-133-6305
	1200	436	K-ROL-STIR-1200-133-6305
	1350	488	K-ROL-STIR-1350-133-6305
	1400	494	K-ROL-STIR-1400-133-6305
	1500	541	K-ROL-STIR-1500-133-6305
	1600	561	K-ROL-STIR-1600-133-6305
	1800	625	K-ROL-STIR-1800-133-6305

Dia./Brg.	BW	Face	Part Number
133 Dia. 6206zz	400	154	K-ROL-STIR-400-133-6206
	450	172	K-ROL-STIR-450-133-6206
	500	189	K-ROL-STIR-500-133-6206
	600	224	K-ROL-STIR-600-133-6206
	650	244	K-ROL-STIR-650-133-6206
	750	278	K-ROL-STIR-750-133-6206
	800	294	K-ROL-STIR-800-133-6206
	900	331	K-ROL-STIR-900-133-6206
	1000	358	K-ROL-STIR-1000-133-6206
	1050	383	K-ROL-STIR-1050-133-6206
	1200	436	K-ROL-STIR-1200-133-6206
	1350	488	K-ROL-STIR-1350-133-6206
	1400	494	K-ROL-STIR-1400-133-6206
	1500	541	K-ROL-STIR-1500-133-6206
	1600	561	K-ROL-STIR-1600-133-6206
	1800	625	K-ROL-STIR-1800-133-6206

Dia./Brg.	BW	Face	Part Number
133 Dia. 6306zz	400	154	K-ROL-STIR-400-133-6306
	450	172	K-ROL-STIR-450-133-6306
	500	189	K-ROL-STIR-500-133-6306
	600	224	K-ROL-STIR-600-133-6306
	650	244	K-ROL-STIR-650-133-6306
	750	278	K-ROL-STIR-750-133-6306
	800	294	K-ROL-STIR-800-133-6306
	900	331	K-ROL-STIR-900-133-6306
	1000	358	K-ROL-STIR-1000-133-6306
	1050	383	K-ROL-STIR-1050-133-6306
	1200	436	K-ROL-STIR-1200-133-6306
	1350	488	K-ROL-STIR-1350-133-6306
	1400	494	K-ROL-STIR-1400-133-6306
	1500	541	K-ROL-STIR-1500-133-6306
	1600	561	K-ROL-STIR-1600-133-6306
	1800	625	K-ROL-STIR-1800-133-6306



KEY BENEFITS | Used in conveyor loading and transfer point applications and in purpose built strenghtened frames | Ideally with roller retainer plates fitted to stop the roller from dislodging from the brackets under dynamic load |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Return Rubber Disc Idlers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Dia./Brg.	B/W	Face	Part Number	Tube ØB
114 Dia. 6205zz	400	494	K-ROL-RDRT-400A25	60
	450	544	K-ROL-RDRT-450A25	60
	500	594	K-ROL-RDRT-500A25	60
	600	694	K-ROL-RDRT-600A25	60
	650	744	K-ROL-RDRT-650A25	60
	750	844	K-ROL-RDRT-750A25	60
	800	894	K-ROL-RDRT-800A25	60
	900	994	K-ROL-RDRT-900A25	60
	1000	1094	K-ROL-RDRT-1000A25	60
	1050	1144	K-ROL-RDRT-1050A25	60
	1200	1294	K-ROL-RDRT-1200A25	60
	1350	1494	K-ROL-RDRT-1350A25	60
	1400	1544	K-ROL-RDRT-1400A25	60

Dia./Brg.	B/W	Face	Part Number	Tube ØB
127 Dia. 6205zz	400	494	K-ROL-RDRT-450B25	60
	450	544	K-ROL-RDRT-500B25	60
	500	594	K-ROL-RDRT-500B25	60
	600	694	K-ROL-RDRT-600B25	60
	650	744	K-ROL-RDRT-650B25	60
	750	844	K-ROL-RDRT-750B25	60
	800	894	K-ROL-RDRT-800B25	60
	900	994	K-ROL-RDRT-900B25	60
	1000	1094	K-ROL-RDRT-1000B25	60
	1050	1144	K-ROL-RDRT-1050B25	60
	1200	1294	K-ROL-RDRT-1200B25	60
	1350	1494	K-ROL-RDRT-1350B25	60
	1400	1544	K-ROL-RDRT-1400B25	60
	1500	1644	K-ROL-RDRT-1500B25	60
	1600	1844	K-ROL-RDRT-1600B25	60
	1800	2044	K-ROL-RDRT-1800B25	60

Dia./Brg.	B/W	Face	Part Number	Tube ØB
127 Dia. 6305zz	400	494	K-ROL-RDRT-400C25	60
	450	544	K-ROL-RDRT-450C25	60
	500	594	K-ROL-RDRT-500C25	60
	600	694	K-ROL-RDRT-600C25	60
	650	744	K-ROL-RDRT-650C25	60
	750	844	K-ROL-RDRT-750C25	60
	800	894	K-ROL-RDRT-800C25	60
	900	994	K-ROL-RDRT-900C25	60
	1000	1094	K-ROL-RDRT-1000C25	60
	1050	1144	K-ROL-RDRT-1050C25	60
	1200	1294	K-ROL-RDRT-1200C25	60
	1350	1494	K-ROL-RDRT-1350C25	60
	1400	1544	K-ROL-RDRT-1400C25	60
	1500	1644	K-ROL-RDRT-1500C25	60
	1600	1844	K-ROL-RDRT-1600C25	60
	1800	2044	K-ROL-RDRT-1800C25	60

Dia./Brg.	B/W	Face	Part Number	Tube ØB
127 Dia. 6206zz	400	494	K-ROL-RDRT-400C30	60
	450	544	K-ROL-RDRT-450C30	60
	500	594	K-ROL-RDRT-500C30	60
	600	694	K-ROL-RDRT-600C30	60
	650	744	K-ROL-RDRT-650C30	60
	750	844	K-ROL-RDRT-750C30	60
	800	894	K-ROL-RDRT-800C30	60
	900	994	K-ROL-RDRT-900C30	60
	1000	1094	K-ROL-RDRT-1000C30	60
	1050	1144	K-ROL-RDRT-1050C30	60
	1200	1294	K-ROL-RDRT-1200C30	60
	1350	1494	K-ROL-RDRT-1350C30	60
	1400	1544	K-ROL-RDRT-1400C30	60
	1500	1644	K-ROL-RDRT-1500C30	60
	1600	1844	K-ROL-RDRT-1600C30	60
	1800	2044	K-ROL-RDRT-1800C30	60

Dia./Brg.	B/W	Face	Part Number	Tube ØB
152 Dia. 6305zz	400	494	K-ROL-RDRT-400N25	89
	450	544	K-ROL-RDRT-450N25	89
	500	594	K-ROL-RDRT-500N25	89
	600	694	K-ROL-RDRT-600N25	89
	650	744	K-ROL-RDRT-650N25	89
	750	844	K-ROL-RDRT-750N25	89
	800	894	K-ROL-RDRT-800N25	89
	900	994	K-ROL-RDRT-900N25	89
	1000	1094	K-ROL-RDRT-1000N25	89
	1050	1144	K-ROL-RDRT-1050N25	89
	1200	1294	K-ROL-RDRT-1200N25	89
	1350	1494	K-ROL-RDRT-1350N25	89
	1400	1544	K-ROL-RDRT-1400N25	89
	1500	1844	K-ROL-RDRT-1500N25	89
	1600	2044	K-ROL-RDRT-1600N25	89
	1800	2250	K-ROL-RDRT-1800N25	89

Dia./Brg.	B/W	Face	Part Number	Tube ØB
152 Dia. 6206zz	400	544	K-ROL-RDRT-400N30	89
	450	594	K-ROL-RDRT-450N30	89
	500	694	K-ROL-RDRT-500N30	89
	600	744	K-ROL-RDRT-600N30	89
	650	844	K-ROL-RDRT-650N30	89
	750	894	K-ROL-RDRT-750N30	89
	800	994	K-ROL-RDRT-800N30	89
	900	1094	K-ROL-RDRT-900N30	89
	1000	1144	K-ROL-RDRT-1000N30	89
	1050	1294	K-ROL-RDRT-1050N30	89
	1200	1494	K-ROL-RDRT-1200N30	89
	1350	1544	K-ROL-RDRT-1350N30	89
	1400	1644	K-ROL-RDRT-1400N30	89
	1500	1844	K-ROL-RDRT-1500N30	89
	1600	2044	K-ROL-RDRT-1600N30	89
	1800	2250	K-ROL-RDRT-1800N30	89

KEY FEATURES | Ideal environment is wet, sticky or abrasive applications where the material conveyed sticks to the belt surface | Easily cleaned | Low maintenance reliable solution |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST



K-Steel Weigh Rollers

CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Weigh Rollers

Dia./Brg.	B/W	Face	Part Number
102 Dia. 6204zz	400	154	K-ROL-SWR-400E20
	450	172	K-ROL-SWR-450E20
	500	189	K-ROL-SWR-500E20
	600	224	K-ROL-SWR-600E20
	650	244	K-ROL-SWR-650E20
	750	278	K-ROL-SWR-750E20
	800	294	K-ROL-SWR-800E20
	900	331	K-ROL-SWR-900E20
	1000	358	K-ROL-SWR-1000E20
	1050	383	K-ROL-SWR-1050E20

Dia./Brg.	B/W	Face	Part Number
102 Dia. 6205zz	400	154	K-ROL-SWR-400E25
	450	172	K-ROL-SWR-450E25
	500	189	K-ROL-SWR-500E25
	600	224	K-ROL-SWR-600E25
	650	244	K-ROL-SWR-650E25
	750	278	K-ROL-SWR-750E25
	800	294	K-ROL-SWR-800E25
	900	331	K-ROL-SWR-900E25
	1000	358	K-ROL-SWR-1000E25
	1050	383	K-ROL-SWR-1050E25

Dia./Brg.	B/W	Face	Part Number
114 Dia. 6204zz	400	154	K-ROL-SWR-400A20
	450	172	K-ROL-SWR-450A20
	500	189	K-ROL-SWR-500A20
	600	224	K-ROL-SWR-600A20
	650	244	K-ROL-SWR-650A20
	750	278	K-ROL-SWR-750A20
	800	294	K-ROL-SWR-800A20
	900	331	K-ROL-SWR-900A20
	1000	358	K-ROL-SWR-1000A20
	1050	383	K-ROL-SWR-1050A20
	1200	436	K-ROL-SWR-1200A20

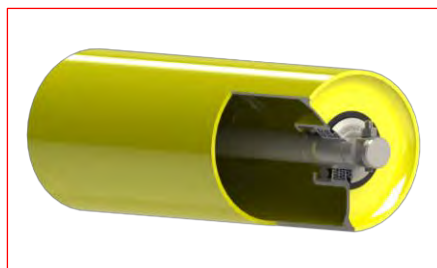
Dia./Brg.	B/W	Face	Part Number
114 Dia. 6205zz	400	154	K-ROL-SWR-400A25
	450	172	K-ROL-SWR-450A25
	500	189	K-ROL-SWR-500A25
	600	224	K-ROL-SWR-600A25
	650	244	K-ROL-SWR-650A25
	750	278	K-ROL-SWR-750A25
	800	294	K-ROL-SWR-800A25
	900	331	K-ROL-SWR-900A25
	1000	358	K-ROL-SWR-1000A25
	1050	383	K-ROL-SWR-1050A25
	1200	436	K-ROL-SWR-1200A25

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6204zz	400	154	K-ROL-SWR-400B20
	450	172	K-ROL-SWR-450B20
	500	189	K-ROL-SWR-500B20
	600	224	K-ROL-SWR-600B20
	650	244	K-ROL-SWR-650B20
	750	278	K-ROL-SWR-750B20
	800	294	K-ROL-SWR-800B20
	900	331	K-ROL-SWR-900B20
	1000	358	K-ROL-SWR-1000B20
	1050	383	K-ROL-SWR-1050B20
	1200	436	K-ROL-SWR-1200B20
	1350	488	K-ROL-SWR-1350B20
	1400	494	K-ROL-SWR-1400B20
	1500	541	K-ROL-SWR-1500B20
	1600	561	K-ROL-SWR-1600B20
	1800	625	K-ROL-SWR-1800B20

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6205zz	400	154	K-ROL-SWR-400B25
	450	172	K-ROL-SWR-450B25
	500	189	K-ROL-SWR-500B25
	600	224	K-ROL-SWR-600B25
	650	244	K-ROL-SWR-650B25
	750	278	K-ROL-SWR-750B25
	800	294	K-ROL-SWR-800B25
	900	331	K-ROL-SWR-900B25
	1000	358	K-ROL-SWR-1000B25
	1050	383	K-ROL-SWR-1050B25
	1200	436	K-ROL-SWR-1200B25
	1350	488	K-ROL-SWR-1350B25
	1400	494	K-ROL-SWR-1400B25
	1500	541	K-ROL-SWR-1500B25
	1600	561	K-ROL-SWR-1600B25
	1800	625	K-ROL-SWR-1800B25

KEY FEATURES | Available in all belt widths | Variations include stainless steel and aluminium | Roller diameters range from 63.5r to 219mm | High tolerance is maintained to Total Indicator Run-out (T.I.R.) 0.13mm/Roll and maximum out of balance 0.014Nm /Roll C/W Stainless steel Grub screws |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST



K-Steel Weigh Rollers

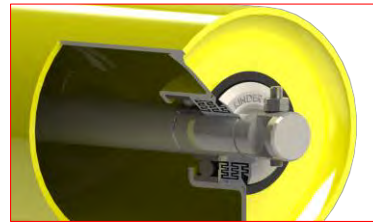
CONVEYOR ROLLERS, IDLERS AND FRAMES

Steel Weigh Rollers

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6305zz	400	154	K-ROL-SWR-400C25
	450	172	K-ROL-SWR-450C25
	500	189	K-ROL-SWR-500C25
	600	224	K-ROL-SWR-600C25
	650	244	K-ROL-SWR-650C25
	750	278	K-ROL-SWR-750C25
	800	294	K-ROL-SWR-800C25
	900	331	K-ROL-SWR-900C25
	1000	358	K-ROL-SWR-1000C25
	1050	383	K-ROL-SWR-1050C25
	1200	436	K-ROL-SWR-1200C25
	1350	488	K-ROL-SWR-1350C25
	1400	494	K-ROL-SWR-1400C25
	1500	541	K-ROL-SWR-1500C25
	1600	561	K-ROL-SWR-1600C25
	1800	625	K-ROL-SWR-1800C25

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6206zz	400	154	K-ROL-SWR-400C30
	450	172	K-ROL-SWR-450C30
	500	189	K-ROL-SWR-500C30
	600	224	K-ROL-SWR-600C30
	650	244	K-ROL-SWR-650C30
	750	278	K-ROL-SWR-750C30
	800	294	K-ROL-SWR-800C30
	900	331	K-ROL-SWR-900C30
	1000	358	K-ROL-SWR-1000C30
	1050	383	K-ROL-SWR-1050C30
	1200	436	K-ROL-SWR-1200C30
	1350	488	K-ROL-SWR-1350C30
	1400	494	K-ROL-SWR-1400C30
	1500	541	K-ROL-SWR-1500C30
	1600	561	K-ROL-SWR-1600C30
	1800	625	K-ROL-SWR-1800C30

Dia./Brg.	B/W	Face	Part Number
127 Dia. 6306zz	400	154	K-ROL-SWR-400D30
	450	172	K-ROL-SWR-450D30
	500	189	K-ROL-SWR-500D30
	600	224	K-ROL-SWR-600D30
	650	244	K-ROL-SWR-650D30
	750	278	K-ROL-SWR-750D30
	800	294	K-ROL-SWR-800D30
	900	331	K-ROL-SWR-900D30
	1000	358	K-ROL-SWR-1000D30
	1050	383	K-ROL-SWR-1050D30
	1200	436	K-ROL-SWR-1200D30
	1350	488	K-ROL-SWR-1350D30
	1400	494	K-ROL-SWR-1400D30
	1500	541	K-ROL-SWR-1500D30
	1600	561	K-ROL-SWR-1600D30
	1800	625	K-ROL-SWR-1800D30



Dia./Brg.	B/W	Face	Part Number
152 Dia. 6305zz	400	154	K-ROL-SWR-400N25
	450	172	K-ROL-SWR-450N25
	500	189	K-ROL-SWR-500N25
	600	224	K-ROL-SWR-600N25
	650	244	K-ROL-SWR-650N25
	750	278	K-ROL-SWR-750N25
	800	294	K-ROL-SWR-800N25
	900	331	K-ROL-SWR-900N25
	1000	358	K-ROL-SWR-1000N25
	1050	383	K-ROL-SWR-1050N25
	1200	436	K-ROL-SWR-1200N25
	1350	488	K-ROL-SWR-1350N25
	1400	494	K-ROL-SWR-1400N25
	1500	541	K-ROL-SWR-1500N25
	1600	561	K-ROL-SWR-1600N25
	1800	625	K-ROL-SWR-1800N25

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6206zz	400	154	K-ROL-SWR-400N30
	450	172	K-ROL-SWR-450N30
	500	189	K-ROL-SWR-500N30
	600	224	K-ROL-SWR-600N30
	650	244	K-ROL-SWR-650N30
	750	278	K-ROL-SWR-750N30
	800	294	K-ROL-SWR-800N30
	900	331	K-ROL-SWR-900N30
	1000	358	K-ROL-SWR-1000N30
	1050	383	K-ROL-SWR-1050N30
	1200	436	K-ROL-SWR-1200N30
	1350	488	K-ROL-SWR-1350N30
	1400	494	K-ROL-SWR-1400N30
	1500	541	K-ROL-SWR-1500N30
	1600	561	K-ROL-SWR-1600N30
	1800	625	K-ROL-SWR-1800N30

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6306zz	400	154	K-ROL-SWR-400O30
	450	172	K-ROL-SWR-450O30
	500	189	K-ROL-SWR-500O30
	600	224	K-ROL-SWR-600O30
	650	244	K-ROL-SWR-650O30
	750	278	K-ROL-SWR-750O30
	800	294	K-ROL-SWR-800O30
	900	331	K-ROL-SWR-900O30
	1000	358	K-ROL-SWR-1000O30
	1050	383	K-ROL-SWR-1050O30
	1200	436	K-ROL-SWR-1200O30
	1350	488	K-ROL-SWR-1350O30
	1400	494	K-ROL-SWR-1400O30
	1500	541	K-ROL-SWR-1500O30
	1600	561	K-ROL-SWR-1600O30
	1800	625	K-ROL-SWR-1800O30

Dia./Brg.	B/W	Face	Part Number
152 Dia. 6307zz	400	154	K-ROL-SWR-400P35
	450	172	K-ROL-SWR-450P35
	500	189	K-ROL-SWR-500P35
	600	224	K-ROL-SWR-600P35
	650	244	K-ROL-SWR-650P35
	750	278	K-ROL-SWR-750P35
	800	294	K-ROL-SWR-800P35
	900	331	K-ROL-SWR-900P35
	1000	358	K-ROL-SWR-1000P35
	1050	383	K-ROL-SWR-1050P35
	1200	436	K-ROL-SWR-1200P35
	1350	488	K-ROL-SWR-1350P35
	1400	494	K-ROL-SWR-1400P35
	1500	541	K-ROL-SWR-1500P35
	1600	561	K-ROL-SWR-1600P35
	1800	625	K-ROL-SWR-1800P35

KEY FEATURES | Available in all belt widths | Variations include stainless steel and aluminium | Roller diameters range from 63.5mm to 219mm | High tolerance is maintained to Total Indicator Run-out (T.I.R.) 0.13mm/Roll and maximum out of balance 0.014Nm/Roll | C/W Stainless steel Grub screws |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Conveyor Idler Frames

CONVEYOR ROLLERS, IDLERS AND FRAMES

Offset Trough Frame

BW	Description	Part Number
450	Trough Frame - 20°	K-FRA-45020S62TF
	Trough Frame - 35°	K-FRA-45035S62TF
	Trough Frame - 45°	K-FRA-45045S62TF
500	Trough Frame - 20°	K-FRA-50020S62TF
	Trough Frame - 35°	K-FRA-50035S62TF
	Trough Frame - 45°	K-FRA-50045S62TF
600	Trough Frame - 20°	K-FRA-60020S62TF
	Trough Frame - 35°	K-FRA-60035S62TF
	Trough Frame - 45°	K-FRA-60045S62TF
650	Trough Frame - 20°	K-FRA-65020S62TF
	Trough Frame - 35°	K-FRA-65035S62TF
	Trough Frame - 45°	K-FRA-65045S62TF
750	Trough Frame - 20°	K-FRA-75020S62TF
	Trough Frame - 35°	K-FRA-75035S62TF
	Trough Frame - 45°	K-FRA-75045S62TF
800	Trough Frame - 20°	K-FRA-80020S62TF
	Trough Frame - 35°	K-FRA-80035S62TF
	Trough Frame - 45°	K-FRA-80045S62TF
900	Trough Frame - 20°	K-FRA-90020S62TF
	Trough Frame - 35°	K-FRA-90035S62TF
	Trough Frame - 45°	K-FRA-90045S62TF
1000	Trough Frame - 20°	K-FRA-100020S62TF
	Trough Frame - 35°	K-FRA-100035S62TF
	Trough Frame - 45°	K-FRA-100045S62TF
1050	Trough Frame - 20°	K-FRA-105020S62TF
	Trough Frame - 35°	K-FRA-105035S62TF
	Trough Frame - 45°	K-FRA-105045S62TF
1200	Trough Frame - 20°	K-FRA-120020S62TF
	Trough Frame - 35°	K-FRA-120035S62TF
	Trough Frame - 45°	K-FRA-120045S62TF



Inline Trough Frame

BW	Description	Part Number
450	Trough Frame - 20°	K-FRA-45020S82TF
	Trough Frame - 35°	K-FRA-45035S82TF
	Trough Frame - 45°	K-FRA-45045S82TF
500	Trough Frame - 20°	K-FRA-50020S82TF
	Trough Frame - 35°	K-FRA-50035S82TF
	Trough Frame - 45°	K-FRA-50045S82TF
600	Trough Frame - 20°	K-FRA-60020S82TF
	Trough Frame - 35°	K-FRA-60035S82TF
	Trough Frame - 45°	K-FRA-60045S82TF
650	Trough Frame - 20°	K-FRA-65020S82TF
	Trough Frame - 35°	K-FRA-65035S82TF
	Trough Frame - 45°	K-FRA-65045S82TF
750	Trough Frame - 20°	K-FRA-75020S82TF
	Trough Frame - 35°	K-FRA-75035S82TF
	Trough Frame - 45°	K-FRA-75045S82TF
800	Trough Frame - 20°	K-FRA-80020S82TF
	Trough Frame - 35°	K-FRA-80035S82TF
	Trough Frame - 45°	K-FRA-80045S82TF
900	Trough Frame - 20°	K-FRA-90020S82TF
	Trough Frame - 35°	K-FRA-90035S82TF
	Trough Frame - 45°	K-FRA-90045S82TF
1000	Trough Frame - 20°	K-FRA-100020S82TF
	Trough Frame - 35°	K-FRA-100035S82TF
	Trough Frame - 45°	K-FRA-100045S82TF
1050	Trough Frame - 20°	K-FRA-105020S82TF
	Trough Frame - 35°	K-FRA-105035S82TF
	Trough Frame - 45°	K-FRA-105045S82TF
1200	Trough Frame - 20°	K-FRA-120020S82TF
	Trough Frame - 35°	K-FRA-120035S82TF
	Trough Frame - 45°	K-FRA-120045S82TF



STANDARD FRAMES TO BE HOT GALVANISED.
CUSTOM MADE FRAMES AVAILABLE UPON REQUEST



Flat Return Brackets



Combi Return Brackets



Flat Carry Brackets

Description	Part Number
Flat Return Bracket - Pair	K-BRA-6282RB
Combination Return Brackets - Pair	K-BRA-6282CRB
Flat Carry Brackets - Pair	K-BRA-22mm-FC

K-Conveyor Idler Frames

CONVEYOR ROLLERS, IDLERS AND FRAMES

Offset Trough Impact Frame

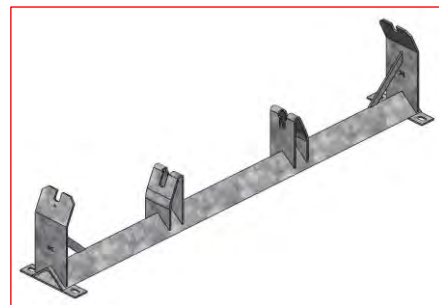
BW	Description	Part Number
450	Trough Impact Frame - 20°	K-FRA-45020S62TIF
	Trough Impact Frame - 35°	K-FRA-45035S62TIF
	Trough Impact Frame - 45°	K-FRA-45045S62TIF
500	Trough Impact Frame - 20°	K-FRA-50020S62TIF
	Trough Impact Frame - 35°	K-FRA-50035S62TIF
	Trough Impact Frame - 45°	K-FRA-50045S62TIF
600	Trough Impact Frame - 20°	K-FRA-60020S62TIF
	Trough Impact Frame - 35°	K-FRA-60035S62TIF
	Trough Impact Frame - 45°	K-FRA-60045S62TIF
650	Trough Impact Frame - 20°	K-FRA-65020S62TIF
	Trough Impact Frame - 35°	K-FRA-65035S62TIF
	Trough Impact Frame - 45°	K-FRA-65045S62TIF
750	Trough Impact Frame - 20°	K-FRA-75020S62TIF
	Trough Impact Frame - 35°	K-FRA-75035S62TIF
	Trough Impact Frame - 45°	K-FRA-75045S62TIF
800	Trough Impact Frame - 20°	K-FRA-80020S62TIF
	Trough Impact Frame - 35°	K-FRA-80035S62TIF
	Trough Impact Frame - 45°	K-FRA-80045S62TIF
900	Trough Impact Frame - 20°	K-FRA-90020S62TIF
	Trough Impact Frame - 35°	K-FRA-90035S62TIF
	Trough Impact Frame - 45°	K-FRA-90045S62TIF
1000	Trough Impact Frame - 20°	K-FRA-100020S62TIF
	Trough Impact Frame - 35°	K-FRA-100035S62TIF
	Trough Impact Frame - 45°	K-FRA-100045S62TIF
1050	Trough Impact Frame - 20°	K-FRA-105020S62TIF
	Trough Impact Frame - 35°	K-FRA-105035S62TIF
	Trough Impact Frame - 45°	K-FRA-105045S62TIF
1200	Trough Impact Frame - 20°	K-FRA-120020S62TIF
	Trough Impact Frame - 35°	K-FRA-120035S62TIF
	Trough Impact Frame - 45°	K-FRA-120045S62TIF
1350	Trough Impact Frame - 20°	K-FRA-135020S62TIF
	Trough Impact Frame - 35°	K-FRA-135035S62TIF
	Trough Impact Frame - 45°	K-FRA-135045S62TIF
1400	Trough Impact Frame - 20°	K-FRA-140020S62TIF
	Trough Impact Frame - 35°	K-FRA-140035S62TIF
	Trough Impact Frame - 45°	K-FRA-140045S62TIF
1500	Trough Impact Frame - 20°	K-FRA-150020S62TIF
	Trough Impact Frame - 35°	K-FRA-150035S62TIF
	Trough Impact Frame - 45°	K-FRA-150045S62TIF

STANDARD FRAMES TO BE HOT GALVANISED.
CUSTOM MADE FRAMES AVAILABLE UPON REQUEST



Inline Trough Impact Frame

BW	Description	Part Number
450	Trough Impact Frame - 20°	K-FRA-45020S82TIF
	Trough Impact Frame - 35°	K-FRA-45035S82TIF
	Trough Impact Frame - 45°	K-FRA-45045S82TIF
500	Trough Impact Frame - 20°	K-FRA-50020S82TIF
	Trough Impact Frame - 35°	K-FRA-50035S82TIF
	Trough Impact Frame - 45°	K-FRA-50045S82TIF
600	Trough Impact Frame - 20°	K-FRA-60020S82TIF
	Trough Impact Frame - 35°	K-FRA-60035S82TIF
	Trough Impact Frame - 45°	K-FRA-60045S82TIF
650	Trough Impact Frame - 20°	K-FRA-65020S82TIF
	Trough Impact Frame - 35°	K-FRA-65035S82TIF
	Trough Impact Frame - 45°	K-FRA-65045S82TIF
750	Trough Impact Frame - 20°	K-FRA-75020S82TIF
	Trough Impact Frame - 35°	K-FRA-75035S82TIF
	Trough Impact Frame - 45°	K-FRA-75045S82TIF
800	Trough Impact Frame - 20°	K-FRA-80020S82TIF
	Trough Impact Frame - 35°	K-FRA-80035S82TIF
	Trough Impact Frame - 45°	K-FRA-80045S82TIF
900	Trough Impact Frame - 20°	K-FRA-90020S82TIF
	Trough Impact Frame - 35°	K-FRA-90035S82TIF
	Trough Impact Frame - 45°	K-FRA-90045S82TIF
1000	Trough Impact Frame - 20°	K-FRA-100020S82TIF
	Trough Impact Frame - 35°	K-FRA-100035S82TIF
	Trough Impact Frame - 45°	K-FRA-100045S82TIF
1050	Trough Impact Frame - 20°	K-FRA-105020S82TIF
	Trough Impact Frame - 35°	K-FRA-105035S82TIF
	Trough Impact Frame - 45°	K-FRA-105045S82TIF
1200	Trough Impact Frame - 20°	K-FRA-120020S82TIF
	Trough Impact Frame - 35°	K-FRA-120035S82TIF
	Trough Impact Frame - 45°	K-FRA-120045S82TIF
1350	Trough Impact Frame - 20°	K-FRA-135020S82TIF
	Trough Impact Frame - 35°	K-FRA-135035S82TIF
	Trough Impact Frame - 45°	K-FRA-135045S82TIF
1400	Trough Impact Frame - 20°	K-FRA-140020S82TIF
	Trough Impact Frame - 35°	K-FRA-140035S82TIF
	Trough Impact Frame - 45°	K-FRA-140045S82TIF
1500	Trough Impact Frame - 20°	K-FRA-150020S82TIF
	Trough Impact Frame - 35°	K-FRA-150035S82TIF
	Trough Impact Frame - 45°	K-FRA-150045S82TIF
1600	Trough Impact Frame - 20°	K-FRA-160020S82TIF
	Trough Impact Frame - 35°	K-FRA-160035S82TIF
	Trough Impact Frame - 45°	K-FRA-160045S82TIF
1800	Trough Impact Frame - 20°	K-FRA-180020S82TIF
	Trough Impact Frame - 35°	K-FRA-180035S82TIF
	Trough Impact Frame - 45°	K-FRA-180045S82TIF



K-Conveyor Idler Frames

CONVEYOR ROLLERS, IDLERS AND FRAMES

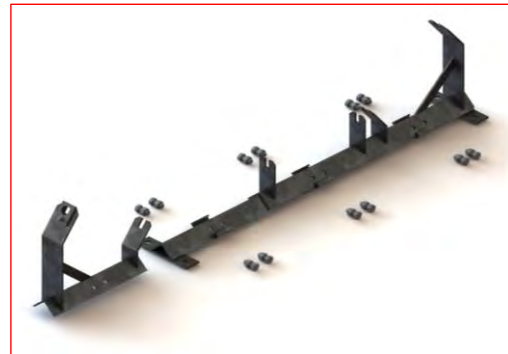
Retractable Frames - Inline

BW	Description	Part Number
450	Retractable Inline	K-FRA-45020TRILF
	Retractable Inline	K-FRA-45035TRILF
	Retractable Inline	K-FRA-45045TRILF
500	Retractable Inline	K-FRA-50020TRILF
	Retractable Inline	K-FRA-50035TRILF
	Retractable Inline	K-FRA-50045TRILF
600	Retractable Inline	K-FRA-60020TRILF
	Retractable Inline	K-FRA-60035TRILF
	Retractable Inline	K-FRA-60045TRILF
650	Retractable Inline	K-FRA-65020TRILF
	Retractable Inline	K-FRA-65035TRILF
	Retractable Inline	K-FRA-65045TRILF
750	Retractable Inline	K-FRA-75020TRILF
	Retractable Inline	K-FRA-75035TRILF
	Retractable Inline	K-FRA-75045TRILF
800	Retractable Inline	K-FRA-80020TRILF
	Retractable Inline	K-FRA-80035TRILF
	Retractable Inline	K-FRA-80045TRILF
900	Retractable Inline	K-FRA-90020TRILF
	Retractable Inline	K-FRA-90035TRILF
	Retractable Inline	K-FRA-90045TRILF
1000	Retractable Inline	K-FRA-100020TRILF
	Retractable Inline	K-FRA-100035TRILF
	Retractable Inline	K-FRA-100045TRILF

BW	Description	Part Number
1050	Retractable Inline	K-FRA-105020TRILF
	Retractable Inline	K-FRA-105035TRILF
	Retractable Inline	K-FRA-105045TRILF
1200	Retractable Inline	K-FRA-120020TRILF
	Retractable Inline	K-FRA-120035TRILF
	Retractable Inline	K-FRA-120045TRILF
1350	Retractable Inline	K-FRA-135020TRILF
	Retractable Inline	K-FRA-135035TRILF
	Retractable Inline	K-FRA-135045TRILF
1400	Retractable Inline	K-FRA-140020TRILF
	Retractable Inline	K-FRA-140035TRILF
	Retractable Inline	K-FRA-140045TRILF
1500	Retractable Inline	K-FRA-150020TRILF
	Retractable Inline	K-FRA-150035TRILF
	Retractable Inline	K-FRA-150045TRILF
1600	Retractable Inline	K-FRA-160020TRILF
	Retractable Inline	K-FRA-160035TRILF
	Retractable Inline	K-FRA-160045TRILF
1800	Retractable Inline	K-FRA-180020TRILF
	Retractable Inline	K-FRA-180035TRILF
	Retractable Inline	K-FRA-180045TRILF

KEY FEATURES | Allows conveyor rollers to be changed under conveyor transfer loading chutes without the idler frames being laid down or removed | The range covers all belt widths and trough angles, in-line/offset configurations |

STANDARD FRAMES TO BE HOT GALVANISED.
CUSTOM MADE FRAMES AVAILABLE UPON REQUEST
OFFSET TYPE AVAILABLE UPON REQUEST



K-Conveyor Idler Frames

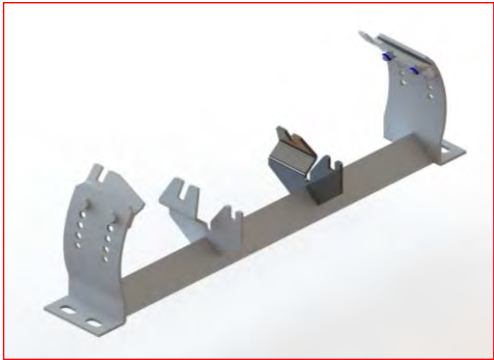
CONVEYOR ROLLERS, IDLERS AND FRAMES

Offset Adjustable Frames

Choose any 2 of these *10,15,20,25,30,35,45

BW	Description	Part Number
450	Offset Adjustable 450BW	K-FRA-450**-**ADJ
500	Offset Adjustable 500BW	K-FRA-500**-**ADJ
600	Offset Adjustable 600BW	K-FRA-600**-**ADJ
650	Offset Adjustable 650BW	K-FRA-650**-**ADJ
750	Offset Adjustable 750BW	K-FRA-750**-**ADJ
800	Offset Adjustable 800BW	K-FRA-800**-**ADJ
900	Offset Adjustable 900BW	K-FRA-900**-**ADJ
1000	Offset Adjustable 1000BW	K-FRA-1000**-**ADJ
1050	Offset Adjustable 1050BW	K-FRA-1050**-**ADJ
1200	Offset Adjustable 1200BW	K-FRA-1200**-**ADJ

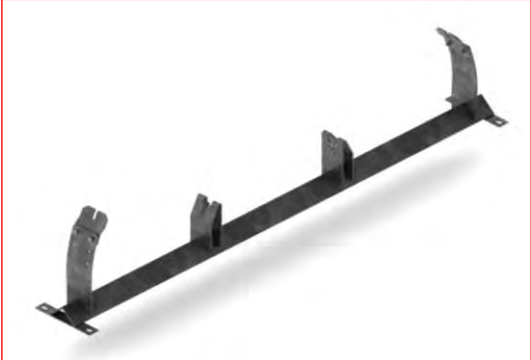
STANDARD FRAMES TO BE HOT GALVANISED.
CUSTOM MADE FRAMES AVAILABLE UPON REQUEST



Inline Adjustable Frames

Choose any 2 of these *10,15,20,25,30,35,45

BW	Description	Part Number
450	Inline Adjustable 450BW	K-FRA-450**-**ADJ
500	Inline Adjustable 500BW	K-FRA-500**-**ADJ
600	Inline Adjustable 600BW	K-FRA-600**-**ADJ
650	Inline Adjustable 650BW	K-FRA-650**-**ADJ
750	Inline Adjustable 750BW	K-FRA-750**-**ADJ
800	Inline Adjustable 800BW	K-FRA-800**-**ADJ
900	Inline Adjustable 900BW	K-FRA-900**-**ADJ
1000	Inline Adjustable 1000BW	K-FRA-1000**-**ADJ
1050	Inline Adjustable 1050BW	K-FRA-1050**-**ADJ
1200	Inline Adjustable 1200BW	K-FRA-1200**-**ADJ
1400	Inline Adjustable 1400BW	K-FRA-1400**-**ADJ
1500	Inline Adjustable 1500BW	K-FRA-1500**-**ADJ
1600	Inline Adjustable 1600BW	K-FRA-1600**-**ADJ
1800	Inline Adjustable 1800BW	K-FRA-1800**-**ADJ



K-Conveyor Idler Frames

CONVEYOR ROLLERS, IDLERS AND FRAMES

Vee Return Frames

BW	Description	Part Number
Angle - 5°		
600	Vee Return	K-FRA-KVR-60005
650	Vee Return	K-FRA-KVR-65005
750	Vee Return	K-FRA-KVR-75005
800	Vee Return	K-FRA-KVR-80005
900	Vee Return	K-FRA-KVR-90005
1000	Vee Return	K-FRA-KVR-100005
1050	Vee Return	K-FRA-KVR-105005
1200	Vee Return	K-FRA-KVR-120005
1350	Vee Return	K-FRA-KVR-135005
1400	Vee Return	K-FRA-KVR-140005
1500	Vee Return	K-FRA-KVR-150005
1600	Vee Return	K-FRA-KVR-160005
1800	Vee Return	K-FRA-KVR-180005
2000	Vee Return	K-FRA-KVR-200005

BW	Description	Part Number
Angle - 10°		
600	Vee Return	K-FRA-KVR-60010
650	Vee Return	K-FRA-KVR-65010
750	Vee Return	K-FRA-KVR-75010
800	Vee Return	K-FRA-KVR-80010
900	Vee Return	K-FRA-KVR-90010
1000	Vee Return	K-FRA-KVR-100010
1050	Vee Return	K-FRA-KVR-105010
1200	Vee Return	K-FRA-KVR-120010
1350	Vee Return	K-FRA-KVR-135010
1400	Vee Return	K-FRA-KVR-140010
1500	Vee Return	K-FRA-KVR-150010
1600	Vee Return	K-FRA-KVR-160010
1800	Vee Return	K-FRA-KVR-180010
2000	Vee Return	K-FRA-KVR-200010

BW	Description	Part Number
Angle - 15°		
600	Vee Return	K-FRA-KVR-60015
650	Vee Return	K-FRA-KVR-65015
750	Vee Return	K-FRA-KVR-75015
800	Vee Return	K-FRA-KVR-80015
900	Vee Return	K-FRA-KVR-90015
1000	Vee Return	K-FRA-KVR-100015
1050	Vee Return	K-FRA-KVR-105015
1200	Vee Return	K-FRA-KVR-120015
1350	Vee Return	K-FRA-KVR-135015
1400	Vee Return	K-FRA-KVR-140015
1500	Vee Return	K-FRA-KVR-150015
1600	Vee Return	K-FRA-KVR-160015
1800	Vee Return	K-FRA-KVR-180015
2000	Vee Return	K-FRA-KVR-200015

STANDARD FRAMES TO BE HOT GALVANISED.
CUSTOM MADE FRAMES AVAILABLE UPON REQUEST



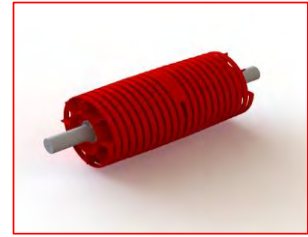
K-Self Cleaning Conveyor Pulleys

CONVEYOR PULLEYS & LAGGING

| KEY BENEFITS | Discharges material | Prevents belt damage | Self-cleaning | Helps belt tracking | Option of stainless steel |

NOTE: Download worksheet available from Kinder Australia website www.kinder.com.au/k-self-cleaning-conveyor-pulleys/

Contact Kinder Australia Sales Engineer for more info



K-Conveyor Pulleys

CONVEYOR PULLEYS & LAGGING

| KEY FEATURES | Available as standard or engineered and constructed to suit specific application requirements |

NOTE: Download worksheet available from Kinder Australia website www.kinder.com.au/k-conveyor-pulleys/

Contact Kinder Australia Sales Engineer for more info



Slide-Lag - Replaceable Lagging

CONVEYOR PULLEYS & LAGGING

| KEY FEATURES | Factory hot-vulcanisation | Steel backing plates | Rust resistant metal retainers |

| KEY BENEFITS | Lowers maintenance costs | Minimises downtime |

Contact Kinder Australia Sales Engineer for more info



K-Magnetic Speed Switch

CONVEYOR PULLEYS & LAGGING

| KEY FEATURES | Break away design minimises equipment damage from falling debris compared to a rigid design | Rugged nylon housing is nearly indestructible and will withstand the harshest environments | Visually monitor proper function via an illuminated LED |

| KEY BENEFITS | Installs in seconds by utilising a user friendly magnetic design to attach to the shaft | Reduces costly set up & installation time by eliminating the need for a drill and tap |

Contact Kinder Australia Sales Engineer for more info

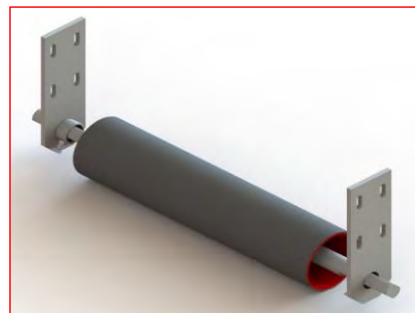
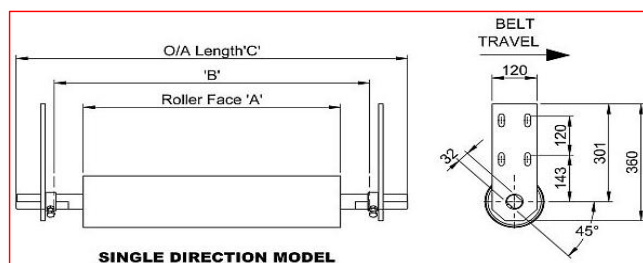


K-Commander® Self Centring Idler

CONVEYOR BELT TRACKING

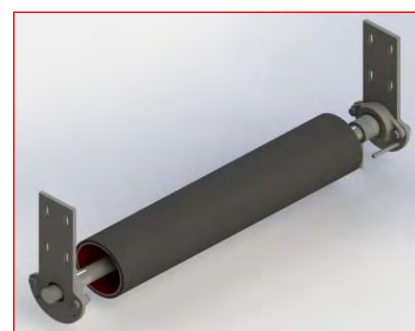
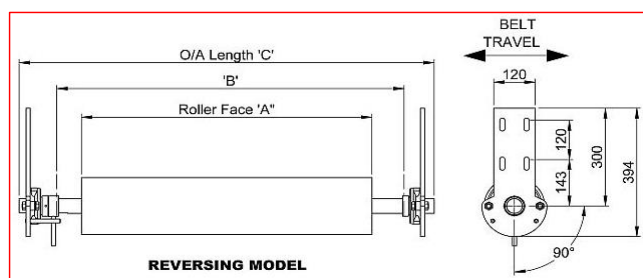
Single Direction

Belt Width BW	A	B	C	Description	Part Number
450/500	540	700/750	900	Self Centring Idler to suit 450/500BW	K-TRA-SC-0450-S
600/650	600/650	690	1050	Self Centring Idler to suit 600/650BW	K-TRA-SC-0600-S
750/800	750/800	840	1200	Self Centring Idler to suit 750/800BW	K-TRA-SC-0750-S
900/1000	900/1000	1040	1400	Self Centring Idler to suit 900/1000BW	K-TRA-SC-0900-S
1050	1050	1090	1450	Self Centring Idler to suit 1050BW	K-TRA-SC-1050-S
1200	1200	1240	1600	Self Centring Idler to suit 1200BW	K-TRA-SC-1200-S



Reversing Direction

Belt Width BW	A	B	C	Description	Part Number
600/650	600/650	690	1050	Self Centring Idler Reversing to suit 600/650BW	K-TRA-SC-0600-R
750/800	750/800	840	1200	Self Centring Idler Reversing to suit 750/800BW	K-TRA-SC-0750-R
900/1000	900/1000	1040	1400	Self Centring Idler Reversing to suit 900/1000BW	K-TRA-SC-0900-R
1050	1050	1090	1450	Self Centring Idler Reversing to suit 1050BW	K-TRA-SC-1050-R
1200	1200	1240	1600	Self Centring Idler Reversing to suit 1200BW	K-TRA-SC-1200-R



| KEY FEATURES | Rubber lagging for extreme wear resistance | No external pivoting parts or servo rollers | Heavy Duty Construction | Adjustable mounting brackets for ease of installation | Lagging can be replaced / reconditioned | Available in single or reversing models |

NOTE: Contact Kinder Australia Sales Engineer if your conveyor has any of the following attributes: Belt speed above 4.5m/s, Belt width above 1200mm wide, Steel cord belt, FRAS requirement.

Tru-Trac® Conveyor Belt Tracking System

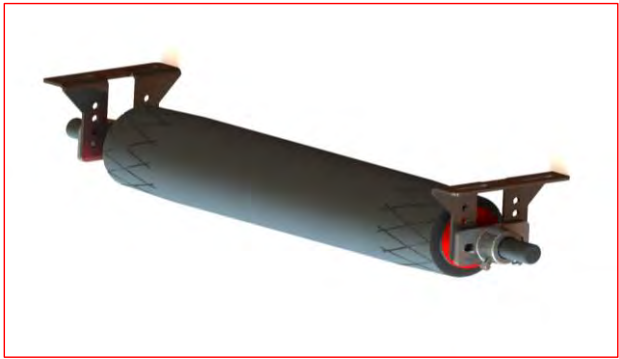
CONVEYOR BELT TRACKING

Flat Return Tracker

B/W	Description	Part Number
450	Tru-Trac® Flat Return Tracker to suit 450BW	K-TRA-TTFR450
500	Tru-Trac® Flat Return Tracker to suit 500BW	K-TRA-TTFR500
600	Tru-Trac® Flat Return Tracker to suit 600BW	K-TRA-TTFR600
650	Tru-Trac® Flat Return Tracker to suit 650BW	K-TRA-TTFR650
750	Tru-Trac® Flat Return Tracker to suit 750BW	K-TRA-TTFR750
800	Tru-Trac® Flat Return Tracker to suit 800BW	K-TRA-TTFR800
900	Tru-Trac® Flat Return Tracker to suit 900BW	K-TRA-TTFR900
1000	Tru-Trac® Flat Return Tracker to suit 1000BW	K-TRA-TTFR1000
1050	Tru-Trac® Flat Return Tracker to suit 1050BW	K-TRA-TTFR1050
1200	Tru-Trac® Flat Return Tracker to suit 1200BW	K-TRA-TTFR1200

| KEY BENEFITS | Suitable for wet and dry conditions | Requires minimum force to activate | Does not rely on belt edge contact | Simple to install | Maintenance free | Adjustable mounting brackets |

NOTE: Suitable for reversing conveyors and does not favour a direction. Please contact Kinder Australia Sales Engineer if your conveyor has any of the following attributes:
Belt speed above 4.5m/s, Belt width above 1200mm wide, Steel cord belt, FRAS requirement.



Taper Trough Tracker

B/W	Description	Part Number
650	Tru-Trac® Trough Tracker to suit 650BW	K-TRA-TTT650
750	Tru-Trac® Trough Tracker to suit 750BW	K-TRA-TTT750
900	Tru-Trac® Trough Tracker to suit 900BW	K-TRA-TTT900
1000	Tru-Trac® Trough Tracker to suit 1000BW	K-TRA-TTT1000
1050	Tru-Trac® Trough Tracker to suit 1050BW	K-TRA-TTT1050
1200	Tru-Trac® Trough Tracker to suit 1200BW	K-TRA-TTT1200

NOTE: Suitable for trough angle up to 35°. Please contact Kinder Australia Sales Engineer if your conveyor has any of the following attributes: Trough angle is above 35°, Belt speed above 4.5m/s, Belt width above 1200mm wide, Steel cord belt, FRAS requirement. Suitable for reversing conveyor belts.



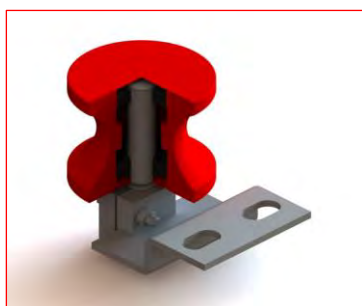
K-Side Guide Rollers

CONVEYOR BELT TRACKING

Steel Side Guide Rollers

Roller Dia.	Roller Face	Shaft Detail	Description	Part Number
99	95	Φ20mm	Side Guide Roller - Heavy Duty - Cotton reel shape - Incl: Bracket	K-ROL-HDSGR-100
60	125	Φ20mm (M12)	Side Guide Roller - TSK762(Type A) - Thread Incl: M12 Nut & 2 x Washers	K-ROL-SG60x125 A
60	125	Φ25mm (M16)	Side Guide Roller - Thread Incl: M16 Nyloc Nut and 2 x Washers	K-ROL-SGR-M16-1653
60	125	Φ16mm	Side Guide Roller - TSK520 - Plain (Type B)	K-ROL-SG60x125 B
54	110	Φ20mm (Φ16mm)	Side Guide Roller - 54Dia 110Face	K-ROL-SG 54x110
50	100	Φ16mm	Side Guide Roller - TSK5398 - Plain (Type C)	K-ROL-SG 50x100
76	168	Φ20mm	Side Guide Roller - Assembly - Incl: Bracket	K-ROL-SG76x168
108	150	Φ20mm 6204zz Brg.	Side Guide Roller - Stainless Steel 304 Modified Shaft	K-ROL-SGR-108x150

NOTE: For full dimensional details of all our K-Side Guide Roller & Bracket ranges, please refer to Drawing No. 1290 (Available on request)
For various reasons conveyor belts mis-track, therefore the application exists for conveyor side guide rollers. Ideally K-Side Guide Rollers should be used in conjunction with the correct transom bracket or a pivoting, self-centralsing, belt training system, which rotates freely when the belt mistracks.



K-ROL-HDSGR-100



K-ROL-SG60x125 A



K-ROL-SGR-M16-1653



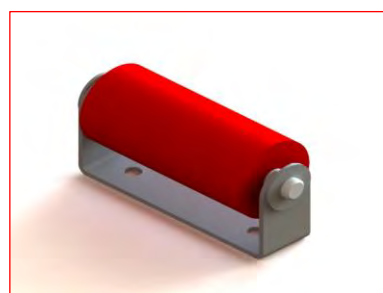
K-ROL-SG60x125 B



K-ROL-SG 54x110



K-ROL-SG 50x100



K-ROL-SG76x168



K-ROL-SGR-108x150

K-Side Guide Rollers

CONVEYOR BELT TRACKING

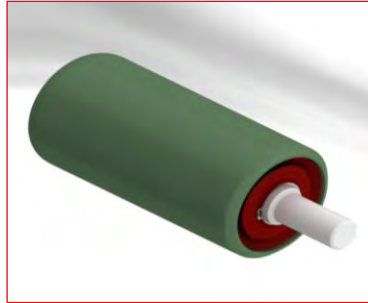
Polymer Side Guide Rollers

Roller Dia.	Roller Face	Shaft Detail	Description	Part Number
60	125	Φ20mm (M12)	Side Guide Roller - Polyurethane - TSK762 (Type A) - Thread Includes: M12 Nut & 2 x Washers	K-ROL-SG-K5397
60	125	Φ16mm	Side Guide Roller - Polyurethane - TSK520 - Plain (Type B)	K-ROL-SG-K5398
94	94	Φ25mm (3/4" UNC)	K-HD Polyurethane Side Guide Roller - Heavy Duty - UNC 3/4" Cold drawn precision ground shaft - Incl: Weld on brackets, 2 x Nuts	K-ROL-HDSGR-102
152	110	Φ30mm (1 1/8" UNC)	Side Guide Roller - Polyurethane - Heavy Duty	K-ROL-SG-6USGR-E
152	110	M24	Side Guide Roller - Polyurethane - Heavy Duty	K-ROL-SG-K2762

NOTE: For full dimensional details of all our K-Side Guide Roller & Bracket ranges, please refer to Drawing No. 1290 (Available on request)
For various reasons conveyor belts mis-track, therefore the application exists for conveyor side guide rollers. Ideally K-Side Guide Rollers should be used in conjunction with the correct transom bracket or a pivoting, self-centralsing, belt training system, which rotates freely when the belt mistracks.



K-ROL-SG-K5397



K-ROL-SG-K5398



K-ROL-HDSGR-102



K-ROL-SG-6USGR-E
K-ROL-SG-K2762

K-Side Guide Roller Mounting Brackets

CONVEYOR BELT TRACKING

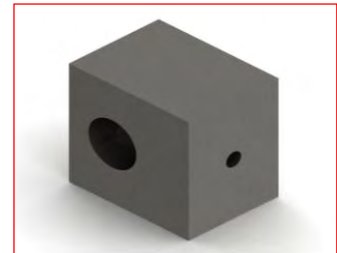
Description	Part Number
Bracket - Z Shape suits suits Plain Type A TSK762 (K-ROL-SG 50x100)	K-BRA-Z SERVO BRACKET
Bracket - Return Side Guide suits Plain Type C TSK5398 (K-ROL-SG 50x100)	K-BRA-SGR-TSK5398
Weldable Mounting Block suits 16mm Smooth Shaft Side Guide Rollers (K-ROL-SG60x125 B ; K-ROL-SG 54x110 ; K-ROL-SG 50x100)	K-RETAINING BLOCK 40x30



K-BRA-Z SERVO BRACKET



K-BRA-SGR-TSK5398



K-RETAINING BLOCK

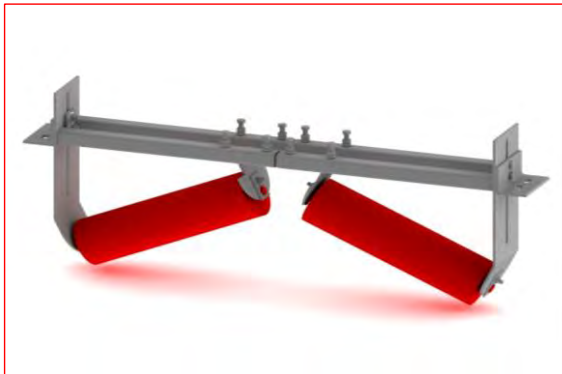
K-Trainer Belt Alignment Idler

CONVEYOR BELT TRACKING

B/W	Description	Part Number
450 - 650	Belt range 450-650 includes 1 Alignment Frame & 2 Steel Trough Rollers	K-TRA-KIVT450-650A
750 - 1050	Belt range 750-1050 includes: 1 Alignment Frame & 2 Steel Trough Rollers	K-TRA-KIVT750-1050A
1200 - 1500	Belt range 1200-1500 includes: 1 Alignment Frame & 2 Steel Trough Rollers	K-TRA-KIVT1200-1500A

| KEY BENEFITS | Limits belt damage | Controls spillage | Easily installed | Suitable for reversing belts | Available for all belt widths |

NOTE: All STD models are hot dipped galvanised.



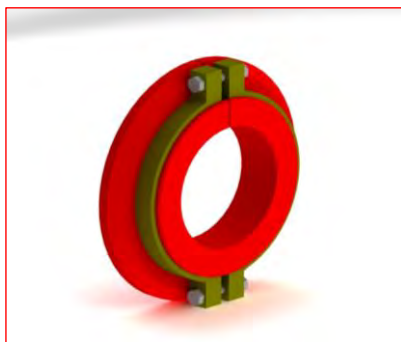
MTD Disc Tracker

CONVEYOR BELT TRACKING

Description	Part Number
MTD Disc Tracker 102 - Pair	K-DISC-102-TRACKER
MTD Disc Tracker 114 - Pair	K-DISC-114-TRACKER
MTD Disc Tracker 127 - Pair	K-DISC-127-TRACKER
MTD Disc Tracker 152 - Pair	K-DISC-152-TRACKER

| KEY FEATURES | Easy installation - split on one side to slip over the roller | High wear resistant grade of Polyurethane used | No damage to belt edges | FRAS grade, suit underground working condition |

NOTE: Roller and Return Bracket not included



K-HD Tracking Idler

CONVEYOR BELT TRACKING

Offset

B/W	Description	Part Number (Frame)
450	Trough Training Frame HD Offset 450 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-45035-AS
500	Trough Training Frame HD Offset 500 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-50035-AS
600	Trough Training Frame HD Offset 600 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-60035-AS
650	Trough Training Frame HD Offset 650 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-65035-AS
750	Trough Training Frame HD Offset 750 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-75035-AS
800	Trough Training Frame HD Offset 800 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-80035-AS
900	Trough Training Frame HD Offset 900 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-90035-AS
1000	Trough Training Frame HD Offset 1000 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-100035-AS
1050	Trough Training Frame HD Offset 1050 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-105035-AS
1200	Trough Training Frame HD Offset 1200 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-O-120035-AS

KEY FEATURES | Limits belt damage | Controls spillage | Easily installation | Not suitable for reversing belts | Available for all belt widths | Other trough angles available upon request | Other roller diameters available |

NOTE: Part numbers relate to OFFSET FRAMES only (with guide rollers). Trough rollers are NOT included in the price and are sold separately.

Frames are designed to take 102mm, 114mm and 127mm DIA trough rollers.

For more STEEL TROUGH ROLLER information, refer to K-Steel Roller section of this Product Guide.

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION



Inline

B/W	Description	Part Number (Frame)
450	Trough Training Frame HD Inline 450 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-45035-AS
500	Trough Training Frame HD Inline 500 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-50035-AS
600	Trough Training Frame HD Inline 600 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-60035-AS
650	Trough Training Frame HD Inline 650 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-65035-AS
750	Trough Training Frame HD Inline 750 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-75035-AS
800	Trough Training Frame HD Inline 800 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-80035-AS
900	Trough Training Frame HD Inline 900 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-90035-AS
1000	Trough Training Frame HD Inline 1000 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-100035-AS
1050	Trough Training Frame HD Inline 1050 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-105035-AS
1200	Trough Training Frame HD Inline 1200 BW 35-c/w HD Polyurethane Guide Rollers	K-FRA-HD-I-120035-AS

KEY FEATURES | Limits belt damage | Controls spillage | Easily installation | Not suitable for reversing belts | Available for all belt widths | Other trough angles available upon request | Other roller diameters available |

NOTE: Part numbers relate to INLINE FRAMES only (with guide rollers). Trough rollers are NOT included in the price and are sold separately.

Frames are designed to take 127mm and 152mm DIA trough rollers.

For more STEEL TROUGH ROLLER information, refer to K-Steel Roller section of this Product Guide.

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION



K-SD Tracking Idler

CONVEYOR BELT TRACKING

Offset

B/W	Description	Part Number (Frame)
450	Trough Training Frame SD Offset 450 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-45035-AS
500	Trough Training Frame SD Offset 500 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-50035-AS
600	Trough Training Frame SD Offset 600 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-60035-AS
650	Trough Training Frame SD Offset 650 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-65035-AS
750	Trough Training Frame SD Offset 750 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-75035-AS
800	Trough Training Frame SD Offset 800 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-80035-AS
900	Trough Training Frame SD Offset 900 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-90035-AS
1000	Trough Training Frame SD Offset 1000 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-100035-AS
1050	Trough Training Frame SD Offset 1050 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-105035-AS
1200	Trough Training Frame SD Offset 1200 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-O-120035-AS

| KEY FEATURES | Limits belt damage | Controls spillage | Easily installation | Not suitable for reversing belts | Available for all belt widths | Other trough angles available upon request | Other roller diameters available |

NOTE: Part numbers relate to OFFSET FRAMES only (with guide rollers). Trough rollers are NOT included in the price and are sold separately.

Frames are designed to take 102mm, 114mm and 127mm DIA trough rollers.

For more STEEL TROUGH ROLLER information, refer to K-Steel Roller section of this Product Guide.

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION



Inline

B/W	Description	Part Number (Frame)
450	Trough Training Frame SD Inline 450 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-45035-AS
500	Trough Training Frame SD Inline 500 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-50035-AS
600	Trough Training Frame SD Inline 600 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-60035-AS
650	Trough Training Frame SD Inline 650 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-65035-AS
750	Trough Training Frame SD Inline 750 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-75035-AS
800	Trough Training Frame SD Inline 800 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-80035-AS
900	Trough Training Frame SD Inline 900 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-90035-AS
1000	Trough Training Frame SD Inline 1000 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-100035-AS
1050	Trough Training Frame SD Inline 1050 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-105035-AS
1200	Trough Training Frame SD Inline 1200 BW 35-c/w Steel Guide Roller (K-ROL-SG 60x125 B)	K-FRA-SD-I-120035-AS

| KEY FEATURES | Limits belt damage | Controls spillage | Easily installation | Not suitable for reversing belts | Available for all belt widths | Other trough angles available upon request | Other roller diameters available |

NOTE: Part numbers relate to INLINE FRAMES only (with guide rollers). Trough rollers are NOT included in the price and are sold separately.

Frames are designed to take 127mm and 152mm DIA trough rollers.

For more STEEL TROUGH ROLLER information, refer to K-Steel Roller section of this Product Guide.

CONTACT KINDER AUSTRALIA FOR FURTHER INFORMATION



K-Self Aligning Return Idler

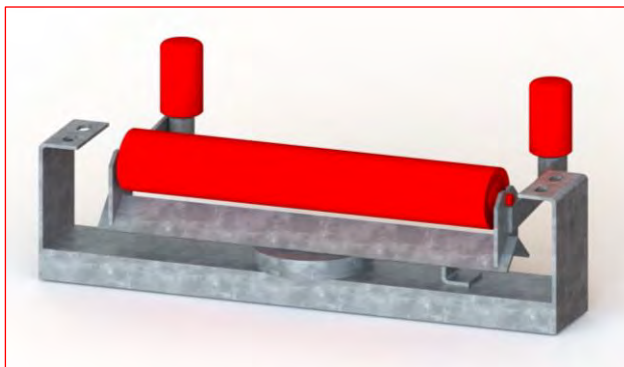
CONVEYOR BELT TRACKING

K-Self Aligning Return Idlers

Dia/Brg	B/W	Qty Roller	Description	Part Number
114 DIA 6205zz	450	1	1 Roll Return Training Idler	K-TRA-FRT-450x114
	500	1	1 Roll Return Training Idler	K-TRA-FRT-500x114
	600	1	1 Roll Return Training Idler	K-TRA-FRT-600x114
	650	1	1 Roll Return Training Idler	K-TRA-FRT-650x114
	750	1	1 Roll Return Training Idler	K-TRA-FRT-750x114
	800	1	1 Roll Return Training Idler	K-TRA-FRT-800x114
	900	1	1 Roll Return Training Idler	K-TRA-FRT-900x114
	1000	1	1 Roll Return Training Idler	K-TRA-FRT-1000x114
	1050	1	1 Roll Return Training Idler	K-TRA-FRT-1050x114
	1200	1	1 Roll Return Training Idler	K-TRA-FRT-1200x114
	1350	1	1 Roll Return Training Idler	K-TRA-FRT-1350x114
	1400	1	1 Roll Return Training Idler	K-TRA-FRT-1400x114

Dia/Brg	B/W	Qty Roller	Description	Part Number
127 Dia 6205zz	450	1	1 Roll Return Training Idler	K-TRA-FRT-450x127
	500	1	1 Roll Return Training Idler	K-TRA-FRT-500x127
	600	1	1 Roll Return Training Idler	K-TRA-FRT-600x127
	650	1	1 Roll Return Training Idler	K-TRA-FRT-650x127
	750	1	1 Roll Return Training Idler	K-TRA-FRT-750x127
	800	1	1 Roll Return Training Idler	K-TRA-FRT-800x127
	900	1	1 Roll Return Training Idler	K-TRA-FRT-900x127
	1000	1	1 Roll Return Training Idler	K-TRA-FRT-1000x127
	1050	1	1 Roll Return Training Idler	K-TRA-FRT-1050x127
	1200	1	1 Roll Return Training Idler	K-TRA-FRT-1200x127
	1350	1	1 Roll Return Training Idler	K-TRA-FRT-1350x127
	1400	1	1 Roll Return Training Idler	K-TRA-FRT-1400x127

NOTE:
Custom made units available upon request.
Standard frames to be hot galvanised.

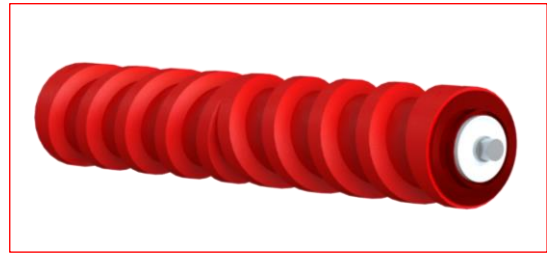


K-Spiral Cleaning and Tracking Roller

CONVEYOR BELT TRACKING

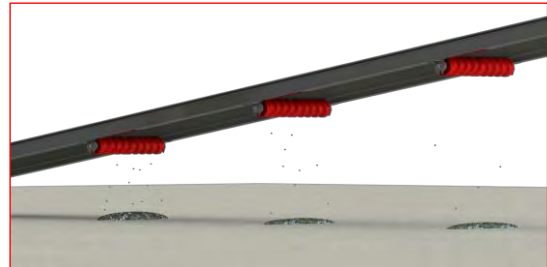
140 DIA

Bearing	BW	Face	Part Number
6205zz	450	544	K-ROL-KSCR450x140x25
	500	594	K-ROL-KSCR500x140x25
	600	694	K-ROL-KSCR600x140x25
	650	744	K-ROL-KSCR650x140x25
	750	844	K-ROL-KSCR750x140x25
	800	894	K-ROL-KSCR800x140x25
	900	994	K-ROL-KSCR900x140x25
	1000	1094	K-ROL-KSCR1000x140x25
	1050	1144	K-ROL-KSCR1050x140x25
	1200	1294	K-ROL-KSCR1200x140x25



166 DIA

Bearing	BW	Face	Part Number
6205zz	1050	1144	K-ROL-KSCR1050x166x25
	1200	1294	K-ROL-KSCR1200x166x25
6306zz	1200	1294	K-ROL-KSCR1200x166x30
	1350	1494	K-ROL-KSCR1350x166x30
	1400	1544	K-ROL-KSCR1400x166x30
6307zz	1400	1544	K-ROL-KSCR1400x166x35
	1500	1644	K-ROL-KSCR1500x166x35
	1600	1844	K-ROL-KSCR1600x166x35
	1800	2044	K-ROL-KSCR1800x166x35



| KEY FEATURES | Suitable for all belt widths | Uses standard return brackets | Suitable for reversing belts | Not affected by mechanical fasteners |

CUSTOM MADE ROLLERS AVAILABLE UPON REQUEST

K-Vee Return Spiral Cleaning and Tracking Idler

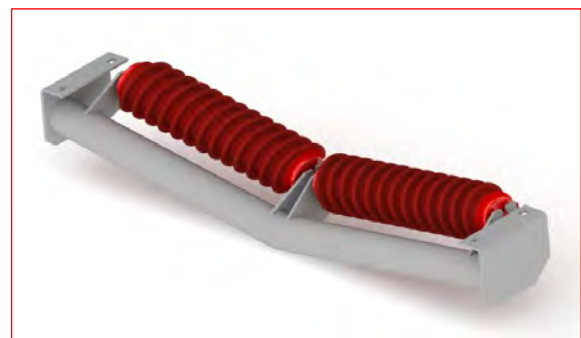
CONVEYOR BELT TRACKING

140 DIA

Bearing	BW	Roller Face
6205	600	341
	650	363
	750	417
	800	436
	900	488
	1000	541
	1050	561
	1200	646

166 DIA

Bearing	BW	Roller Face
6205	1050	561
	1200	646
6306	1200	646
	1350	745
	1400	765
6307	1400	765
	1500	815
	1600	915
	1800	1015



| KEY FEATURES | Cleans the carry side of overland conveyors | Offset design eliminates build up | Reduces roller wear | Positive effect on belt tracking | Zero maintenance or adjusting required | Interchangeable with existing rollers | Not effected by mechanical fasteners |

NOTE: Prices includes 2 off Vee Return Spiral rollers and 1 off Galvanised Vee Return Frame.
See above for individual roller prices if replacing rollers.

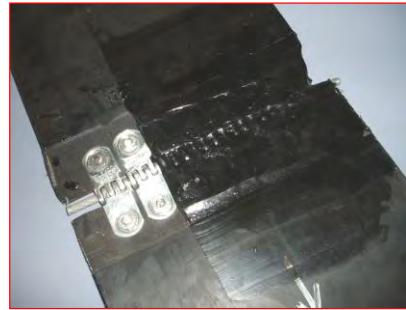
IDLER ANGLE AVAILABLE IN 5° AND 10°. ALL OTHER ANGLES CONTACT KINDER AUSTRALIA SALES ENGINEER. CUSTOM MADE IDLERS AVAILABLE UPON REQUEST

Eli-Flex Belt and Rubber Repair®

BELTING AND REPAIR PRODUCTS

Part Number	Description
K-REP-FR909/N60PASTE	Eli-Flex Belt Repair

KEY FEATURES | Two component fast curing polyurethane system for repairing natural, synthetic rubbers or polyurethanes | Tear strength and abrasion resistance make the product ideal to repair damage to conveyor belt, pulley lagging, pump liners or fine screen mesh |

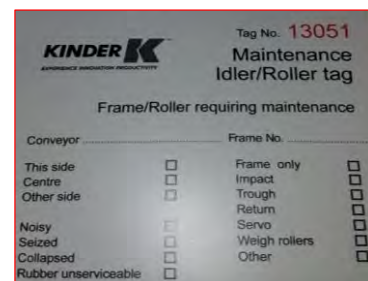


K-Maintenance Idler Tag

HARDWARE ACCESSORIES

Part Number	Description	Dimension (mm)	Qty Per Pack
K-TAG-MT	K-Maintenance Idler/Roller Tag	100 x 200	100

KEY FEATURES | Designed for efficient identification and reporting of conveyor items that require maintenance attention | Weatherproof polypropylene tag is sequentially numbered in two parts to identify and match the location | The top part is attached to the idler frame to identify the problem and the bottom part is torn off for the maintenance recording and required future action |

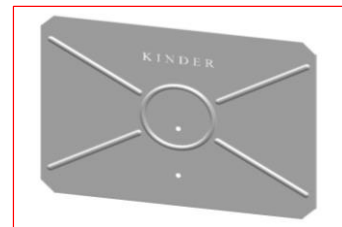


K-Wind Guards

HARDWARE ACCESSORIES

Part Number	Length	Height	Weight
K-IDL-WINDGUARD883	883mm	530mm	4.6kg
K-IDL-WINDGUARD578	578mm	430mm	2.5kg

KEY FEATURES | Manufactured in two sizes | Bolted to idler sets | 1.2mm thick ZincAnneal steel sheet | Cross breaks for added stiffening | Hemmed edges to avoid injury |



K-Anti Lock Roller Shields

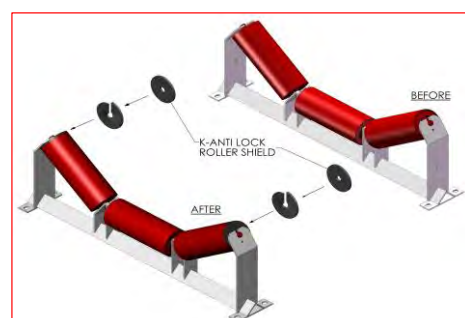
HARDWARE ACCESSORIES

Part Number	Dia x Shaft Dia	QTY
K-Disc-114x20	114 x 20	Pack of 20
K-Disc-114x25	114 x 25	Pack of 20
K-Disc-127x20	127 x 20	Pack of 20
K-Disc-127x25	127 x 25	Pack of 20
K-Disc-152x25	152 x 25	Pack of 20
K-Disc-152x30	152 x 30	Pack of 20

KEY FEATURES | Prevents damage from seized rollers by taking up the gap between the roller and bracket | Discs are available in all roller sizes | When fitting, no tools are needed and the roller does not require removal |

KEY BENEFITS | Reduces maintenance | Improves roller life | Assists belt tracking | Fitting without tools |

NOTE: Other dimensions made on request





Safety & Enviro

Innovation
Relationships
Reliability
Excellence
We do.

KINDER **K**TM
EXPERIENCE INNOVATION PRODUCTIVITY

CASE STUDY: K-MotorShield Motor Covers

Kinder Australia Product:	K-MotorShield Motor Covers
Product Category:	Safety & Environmental
Location:	Victoria
Conveyed Materials:	Basalt Quarry Products
Production Capacity	100 tonnes per hour
Installation Date:	April 2017

CHALLENGE:

- *Motors exposed to environmental elements*
- *Production down-time due to regular belt cleaning*
- *Increased maintenance time & costs*
- *Reduction in motor life*

Located in North Western Victoria, our customer is a premier quarry operator, specialising in producing high quality basalt products. Increasing demand has seen the site's production facility at full capacity easily exceeding 100 tonnes per hour.

It was evident at the routine site inspection, the motors under the secondary and tertiary crushers were unprotected. This daily exposure allowed the build-up of dust, rock and other debris, and over time resulting in the motor drives overheating with significant reduction in the motor life. These environmental factors have meant maintenance work was also required to manually clean the motors ensuring maximum efficiency with minimal production down-time.



ABOVE
Image BEFORE Installation



ABOVE
Image AFTER Installation

CASE STUDY: K-MotorShield Motor Covers

SOLUTION:



Product Links

[K-MotorShield Motor Covers](#)

The original **K-MotorShield Motor Covers** were proven to be highly effective and it was identified further **K-MotorShield Motor Covers** were required for installation in other areas of the plant.

Kinder Australia recommended the installation of **K-MotorShield Motor Covers** as a preventative maintenance measure with the view of protecting and improving the operational efficiency of all the motors on site and extending the motor's product life cycle.

K-MotorShield Motor Covers are designed to ensure electric motor drives perform efficiently, preventing dust and rock debris from blocking motor airflow keeping motors cleaner and allowing for easier maintenance.

Being lightweight, corrosion free, snap-on and durable in design these key product attributes facilitated the cutting and installation of the **K-MotorShield Motor Covers** to be simple & hassle free with the execution managed through an external engineering company.

RESULTS:

- *Cleaner motors allow for easier maintenance*
- *Reduction in clean-up costs and time*
- *Elimination of down-time*
- *Extension of motor life*

Our customer has reported positive feedback due to the recent preventative maintenance solution. The protective covers have reduced the amount of environmental debris building up on the motors, destroying bearings, windings and brushes on drive motors. This effectively creates efficiency in airflow of up to 140% through the cooling fins. Prevention of motors from overheating improving profitability through extended motor life was also a highlight for this installation.

These durable, high performance and simple to install **K-MotorShield Motor Covers** deliver on its promise of improving the operations efficiency & productivity with less manual cleaning of the motors and reduction in production down-time.

CASE STUDY: K-Protector® Return Idler Guard

Kinder Australia product:	K-Protector Return Idler Guard
Product category:	Safety & Environmental
Location:	North-East Victoria
Conveyor belt width:	600mm

Previous problem:



Our customer operates large scale gravel and sand plant in North-East Victoria. Their quarry products are used in building construction and other civil engineering activities.

They have an established Health and Safety committee that operates on-site to plan, develop, implement and monitor health and safety processes. This has been very successful in facilitating a safety culture within the business, and ensures that the site complies with AS 1755 (Australian Standard for Conveyor Safety Requirements) at all times.

The main problem experienced on this site was the **ongoing guard maintenance** due the awkward and **restricted access** to many of the areas that required pinch point protection.

As well as protecting the workers from pinch point injuries, the site wanted a guard with a fully compliant design that would **reduce cleaning downtime**, and therefore **create opportunities for more proactive maintenance tasks**.

Close-up photo of the K-Protector Return Idler Guard installed on one of the return rollers

CASE STUDY: K-Protector® Return Idler Guard

Resolution:

Key Features:

- **Fully compliant with Australian Standard AS1755-2000**
- Option of bolted or quick-release guard panels provides convenient access to the idler for maintenance and cleaning.
- Retrofit to your existing return roller brackets.



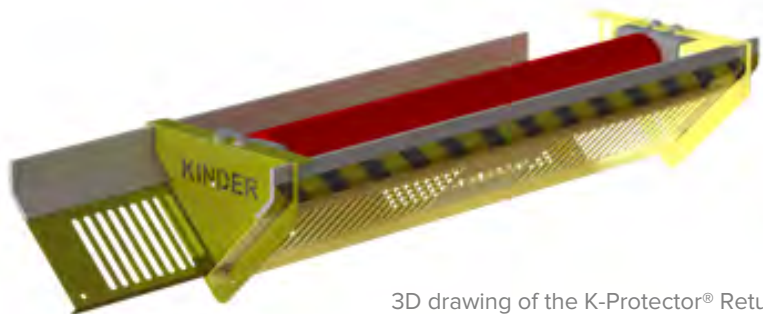
Photo shows an example of a non-compliant return idler guard that was cut open to remove spillage blocking the idler. The guard was left open, leaving a major safety risk to workers on site. The conveyor system was shut down and production halted by inspectors until the site was passed as being fully compliant

The site has now installed the K-Protector® Return Idler Guard at all of its hazardous and critical nip points.

*"I'm so pleased that I made the decision to install the K-Protector® Return Idler Guards. They were really easy and **simple to fix on** to the existing roller brackets of our conveyor system. Our plant is very tight so this could have created a problem when we changed over to these new guards. But they were very **lightweight** so it wasn't a hassle.*

*Now that they have been in operation for some time, they have been **very easy to maintain**. Other previous guards had been welded to the conveyor structure, but because these guards have a **slide out side panel**, they are really easy to pull apart and remove any carry back material that the guard has captured. Also, the sand's real sticky, so the rollers need cleaning every couple of days and it's very simple to work around these caged guards.*

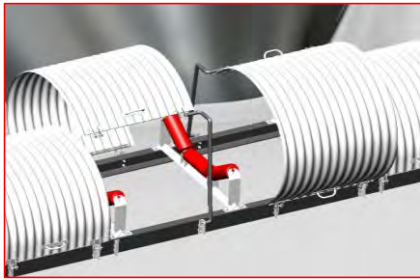
*I'm delighted because the K-Protector® Return Idler Guards are **very user-friendly** and are not overcomplicating what should be a simple job – **guaranteeing worker safety**."*



3D drawing of the K-Protector® Return Idler Guard showing the slide-out panel.

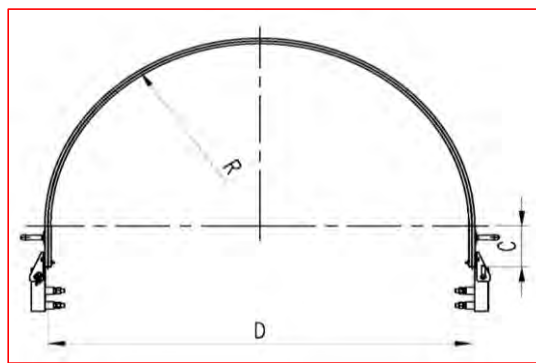
K-All-Shelter Conveyor Covers

CONVEYOR COVERS & ENCLOSURES



3 Roll Inline | Offset Trough | Impact Idlers | Roller 102-152 Dia

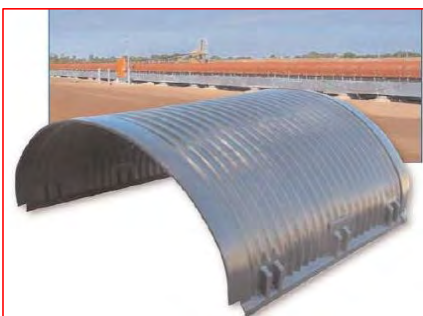
Belt Width	20°, 30°, 35°, 45°		C
	R	D	
400	380	760	130
450	405	810	130
500	430	860	130
600	480	960	130
650	505	1010	130
750	555	1110	130
800	580	1160	140
900	630	1260	140
1000	680	1360	147
1050	705	1410	147
1200	780	1560	147
1350	880	1760	157
1400	905	1810	157



KEY FEATURES

Installation supports not required to brace covers on the conveyor | Available in Galvanized, lacquered steel, stainless steel, HPS20, Aluminum and Fibreglass | Rigid and corrugated construction makes it stronger compared to smoother designs | Installation is independent of idler location | Easily mount hinges at any conveyor structure position

ALSO AVAILABLE IN HDPE



BELT COVER

KEY FEATURES

Two styles to choose from depending on your needs: 1. An all-weather 'roof' 2. An on-belt containment | Reduces pollution | weather-proof | easily assembled | easy access to belt | long lasting | noise reduction | corrosion-proof

KEY BENEFITS

Moulded sections are made from polyethylene that's tough, durable and extremely long lasting | On-belt version promotes a cleaner, healthier environment | The all-weather keeps the environment at bay - come rain, wind or cyclone | Modular design offers ultimate flexibility when it comes to fitting and maintenance | Designed to withstand the harshest environments

Capotex Belt Conveyor Covers

CONVEYOR COVERS & ENCLOSURES



Coverplus
The Definitive Cover



Open models
Freely Accessible Covers



Coverside
Lateral Wind-Shields



Coverarc
Simple Arch Shaped Cover



Covertray
Easy to Clean Lower Cover



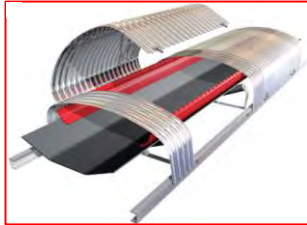
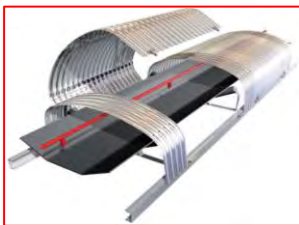
Coverwindow
Quick Inspection Window



Coverfire
Fireproof System



Coverskirt
High Performance Skirt



KEY FEATURES |

Available in galvanised, pre-lacquered or stainless steel, aluminium and polyester fibre glass | custom made to suit all belt widths and models, as well as standard stock belt widths | Hinged on both sides, allowing for opening and easy conveyor maintenance |

KEY BENEFITS |

Easy Manipulation - manufactured using lightweight materials and has a thickness of 0.6mm | Easy mounting - 1292mm hood length. Less hoods and fixings needed | Self drilling screws | Drills easily up to 12mm steel structure | Improves Productivity - provides both personal safety and environmental control | Reliable and robust environmental protection |

K-MotorShield Motor Covers

CONVEYOR COVERS & ENCLOSURES

NEMA Size	IEC	Cover Dimensions (Metric)	Part Number
48	71M / 80M	152.4mm x 226.1mm x 279.4mm	K-SAF-KMS-152x226
143, 145	90S,L / 100S,L	177.8mm x 259.1mm x 330.2mm	K-SAF-KMS-177x259
182, 184	112S,M	228.6mm x 307.3mm x 381mm	K-SAF-KMS-228x307
213, 215	112L / 132S,M	279.4mm x 426.7mm x 533.4mm	K-SAF-KMS-279x426
254, 256	132L / 160S,M	317mm x 546.1mm x 660.4mm	K-SAF-KMS-317x546
284, 286	160L / 180S,M	355.6mm x 609.6mm x 711.2mm	K-SAF-KMS-355x609
324, 326	200S,M,L	411.5mm x 736.6mm x 889mm	K-SAF-KMS-411x736
364, 365	225S,M,L	457.2mm x 696mm x 838.2mm	K-SAF-KMS-457x696
404, 405	250S,M,L	508mm x 784.9mm x 939.8mm	K-SAF-KMS-508x784
444, 445	280S,M	558.8mm x 1219.2mm x 1320.8mm	K-SAF-KMS-558x1219
504, 505	315S,M	635mm x 1003.3mm x 1193.8mm	K-SAF-KMS-635x1003
447, 449	280K,H	660.4mm x 1219.2mm x 1422.4mm	K-SAF-KMS-660x1219
586, 587	355S,M	736.6mm x 1168.4mm x 1346.2mm	K-SAF-KMS-736x1168
5009, 5012	---	762mm x 1790.7mm x 2057.4mm	K-SAF-KMS-762x1790

| KEY BENEFITS | Increases airflow through the cooling fins by 140% | Lowers internal motor bearing and winding temperatures | Keeps motors clean for easier maintenance | Will not corrode or rust | Lightweight, snap-on design | Standard stock sizes for easy fitment to all IEC and NEMA frames |



K-Protector® Return Idler Guards

SAFETY & CONTROL PRODUCTS

K-Protector® V2 102-127Dia 14.5A/F

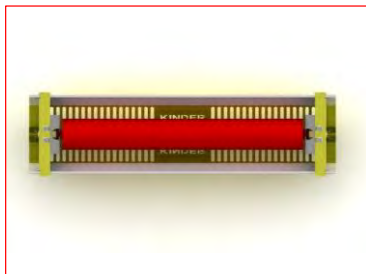
Bracket A/F	BW	Part Number
14.5mm	450	K-RRP-0450-102-127-AS
	500	K-RRP-0500-102-127-AS
	600	K-RRP-0600-102-127-AS
	650	K-RRP-0650-102-127-AS
	750	K-RRP-0750-102-127-AS
	800	K-RRP-0800-102-127-AS
	900	K-RRP-0900-102-127-AS
	1000	K-RRP-1000-102-127-AS
	1050	K-RRP-1050-102-127-AS
	1200	K-RRP-1200-102-127-AS
	1400	K-RRP-1400-102-127-AS
	1500	K-RRP-1500-102-127-AS

K-Protector® V2 133-159Dia 22.5A/F

Bracket A/F	BW	Part Number
22.5mm	450	K-RRP-0450-133-159-AS
	500	K-RRP-0500-133-159-AS
	600	K-RRP-0600-133-159-AS
	650	K-RRP-0650-133-159-AS
	750	K-RRP-0750-133-159-AS
	800	K-RRP-0800-133-159-AS
	900	K-RRP-0900-133-159-AS
	1000	K-RRP-1000-133-159-AS
	1050	K-RRP-1050-133-159-AS
	1200	K-RRP-1200-133-159-AS
	1400	K-RRP-1400-133-159-AS
	1500	K-RRP-1500-133-159-AS

KEY FEATURES | Bolted or quick-release guard panels provide convenient access to the idler for maintenance and cleaning | Comes with adjustable return roller brackets to suit all common roller dia, and shaft undercuts | Available for steel or self cleaning rubber disc return rollers in all belt widths | Acts as a basket to catch roller in the event of idler failure | Composite polymer leading edge protects the belt from wear/abrasion | Protects the user by eliminating nip points | All standard belt widths available | Conveyor roller not included

NOTE: CUSTOM MADE SIZES AVAILABLE UPON REQUEST



K-Safe-T-Pull Pull Wire Switch

SAFETY & CONTROL PRODUCTS

Description	Part Number
K-Safe-T-Pull - 2 NO + 2 NC Contacts 316 SS Feet - Flame Retardant PBT Resin Body	K-SAF-STP-M-B-2
K-Safe-T-Pull - Trip-Indication Flag - 2 NO + 2 NC Contacts 316 SS Feet - Flame Retardant PBT Resin Body	K-SAF-STP-M-B-2-F
K-Safe-T-Pull - 2 NO + 2 NC Contacts Zinc Plated MS Feet - Flame Retardant PBT Resin Body	K-SAF-STP-M-C-2
K-Safe-T-Pull - 4NO + 4 NC Contacts Zinc Plated MS Feet - Flame Retardant PBT Resin Body	K-SAF-STP-M-C-4
K-Safe-T-Pull - 4NO + 4 NC Contacts - Strobe Light Zinc Plated MS Feet - Flame Retardant PBT Resin Body	K-SAF-STP-M-C-4-S
K-Safe-T-Pull - Trip-Indication Flag - 4NO + 4 NC Contacts - Strobe Light Zinc Plated MS Feet - Flame Retardant PBT Resin Body - Left Hand	K-SAF-STP-M-C-4-F-S-L
K-Safe-T-Pull - Trip-Indication Flag - 4NO + 4 NC Contacts - Strobe Light Zinc Plated MS Feet - Flame Retardant PBT Resin Body - Left Hand	K-SAF-STP-M-C-4-F-S-R
K-Safe-T-Pull - 2mm 316SS Body Switch WITH 2 x SPDT Contacts	K-SAF-STP-SSB-2
K-Safe-T-Pull - 2mm 316SS Body Switch WITH 2 x SPDT Contacts - Trip-Indication Flag	K-SAF-STP-SSB-2-F



KEY FEATURES | Tamper Proof Switch Plate Mechanism | Absolute simplicity in initial setup and adjustment | Robust non-metallic enclosure | Simple design ensures low maintenance | Stainless steel internal compression type springs | Pull rods 316 stainless steel

Safety & Control Products

Pull-Safe Pull Wire Switch



Safe-T-Curve Pull Wire Corner Bracket



Safe-T-Guide Pull Wire Guide



Safe-T-Lanyard Pull Wire Rope



Safe-T-Limit Heavy Duty Limit Switch



Safe-T-Pull Emergency Stop Sign



Safe-T-Rip Belt Tear Detector



Safe-T-Drift Belt Misalignment Switch



All safety controls comply with the requirements of AS1755-2000



Innovation
Relationships
Reliability
Excellence
We do.

Flow & Anti-Wear

KINDER **K**TM
EXPERIENCE INNOVATION PRODUCTIVITY

CASE STUDY: K-Slip Low Friction Liner

Kinder Australia Products:	K-Slip Low Friction Liner
Product Category:	Materials Flow / Flow and Anti-Wear
Application:	Mass Flow Cone / Transition Area
Customer	Queensland Energy Resources (QER)

Background:



Image ABOVE: In 2010, the Queensland Government gave approval for QER to produce high quality ultra-low sulphur diesel, aviation fuel and other transport fuels from oil shale at its New Fuels Development Centre near Gladstone.

Based in Brisbane, QER builds and operates safe, economically viable and sustainable shale-to-liquids energy plants. Their vision is to help secure Australia's energy future.

Queensland Energy Resources (QER) needed to install a mass flow cone into an internal feed bin in the retort. The best half angle for the bulk solid to allow mass flow was 70° for mild steel. QER also knew that at 60° the flow was within the transition area (mass flow/funnel flow). Due to constraints within the retort, the maximum half angle that could be achieved was 64.3°.

The K-Slip Low Friction Liner is a low co-efficient of friction thin polyethylene lining material, with a synthetic rubber backing (SBR). The thin flexibility of Kinder Australia's K-Slip suited QER's needs because it allows almost any complicated shape to be lined including bins, hoppers and chutes, providing a reliable and effective uniform surface and therefore improve the controlled rate of flow. The application to a metal surface is by normal cold rubber bonding.

Part No.	Rubber backed UHMWPE Sheet (mm)
K-SLIP-1+1	900 x 1800 x 2mm thick
K-SLIP-1+2	900 x 1800 x 3mm thick
K-SLIP-1+3	900 x 1800 x 4mm thick
K-SLIP-1+4	900 x 1800 x 5mm thick

CASE STUDY: K-Slip Low Friction Liner

Resolution:

The addition of the K-Slip Low Friction Liners reduced the half angle requirement for mass flow below 64° and hence the hopper was capable of achieving targets to meet effective mass flow levels. To fit the pieces of K-Slip in through the door, it was cut into 3 sections. The steel faces were cleaned and the K-Slip was glued into position with industrial adhesive (similar to contact cement).

Having K-Slip on a rubber backing makes it simple to glue into position. QER's Lead Mechanical Engineer had used K-Slip in the past on similar problems and had discovered then that it improved flow effectively but that it was also straightforward to apply.

hDensity:

(ASTM D1505) 0.94g/cm²

Durometer Hardness:

(Scale D; ASTM D2240) 67

Thermal Deformation:

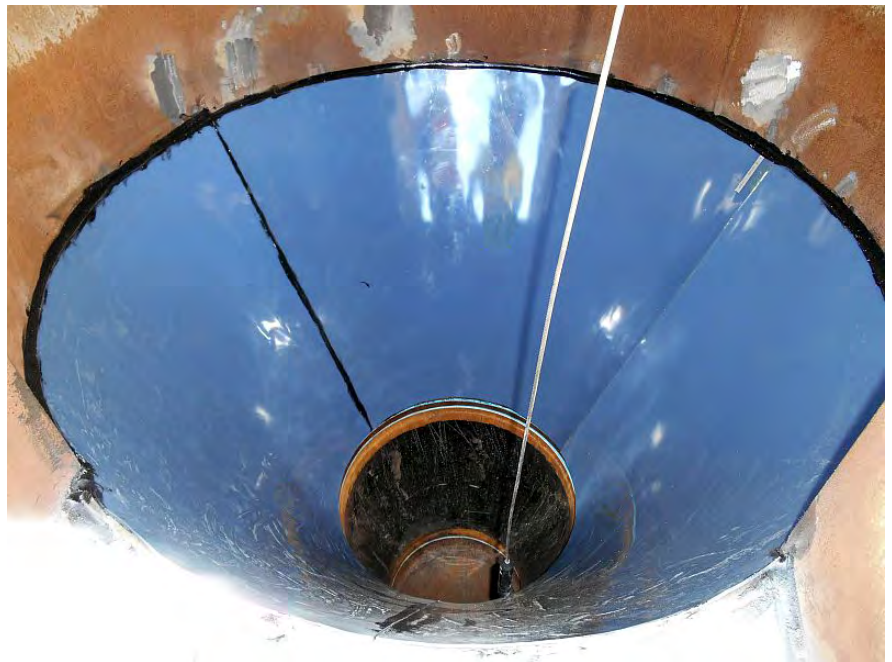
4.6 kgf/cm³(ASTM D648) 95

Frictional Co-Efficient:

(ASTM D1894) 0.09

Operating Temperature Limit Range:

0 to +80 °C



Above photo shows the K-Slip Low Friction Liner installed by QER.

CASE STUDY: K-Superline® Polyurethane

Product:	K-Superline® Polyurethane Lining Sheet
Product category:	Flow & Anti Wear
Location:	Pilbara Region, Western Australia
Product description:	K-Superline® solid polyurethane sheet, 1 inch thick Plain Back (PB), B93 (93 Durometer)
Conveyed materials:	Crushed Iron Ore 150mm minus
Conveyed belt speed:	Vertical drop of 2.5 metres
Rate:	550 tonnes per hour

Previous problem:



Above: The vibratory feeder

Our customer's core activities are the provision of contract crushing and screening services to the mining industry around Australia.

To control the feed to their screen, the conveyed material is put through a Schenk Vibratory Feeder. However, due to the level of product build up occurring on the existing Bisalloy plate chute lining (20mm hardox 450), our customer had to stop the plant and deploy resources 3-4 times per shift to jack hammer the iron ore manually.

Also given the impact from the 2.5 metre drop height and the sliding abrasion experienced in this particular materials handling environment, our customer had to replace the existing conventional chute lining every 12 weeks. As well as the cost of the replacement lining, the plant's crushing productivity was being compromised.

CASE STUDY: K-Superline® Polyurethane

Resolution:

K-Superline - Key Benefits:

- Longer lasting anti-wear protection
- Reduced material hang-up
- Greater tear resistance
- Light weight
- Simplified installation
- Significantly lower noise levels



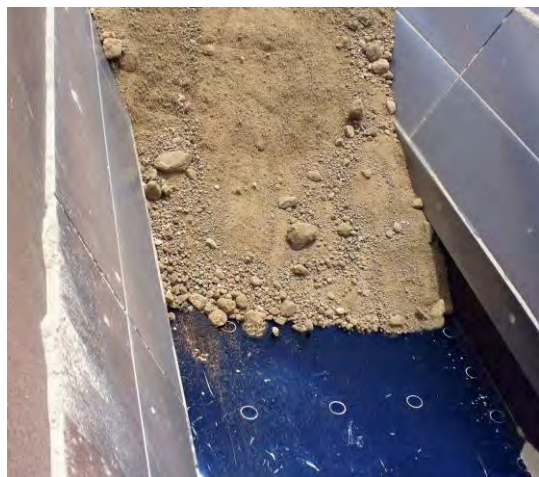
Above: image showing K-Superline sheet backing alternatives together with various sized capped bolts.

Right : a typical example of K-Superline installed in a chute.

To fix this problem, Kinder Australia suggested the use of its high performance **K-Superline® Polyurethane Lining System**, specifying a **B93 durometer** hardness rating and 1 inch thickness to suit this environment's high levels of impact and sliding abrasion.

Our customer found that the installation process for the K-Superline® was far less complicated than the Bisalloy plate as it **required no welding**. After counter sink-holes were made into the plain backed polyurethane, the K-Superline® was simply and **securely bolted into place**. Also, because the polyurethane sheets are much lighter to lift than Bisalloy sheets, any manual labour safety risks were also reduced during the installation.

K-Superline has now completely eliminated material build up inside the feeder chute, and so has stopped the need for any jack-hammering on site. Our customer also observed that the K-Superline® provides **50% more wear life** and so is completely delighted with their investment in a **correctly specified durometer** of K-Superline® high performance polyurethane sheet lining. Overall, our customer is seeing major cost gains from switching to K-Superline®.



CASE STUDY: K-Magna-Patch

Product:	K-Magna-Patch – Reusable Wear Repair Magnetic Patch FAW-MAG-MP-711 L190mm x W280mm x H38mm Weight 3kg
Product category:	Flow and Anti-Wear
Location:	East Victoria
Conveyed material:	Brown Coal
Rate:	2400 tonnes per hour
Installation date::	September 2015

Previous problem:

The Cost of Material Spillage:

- Loss of transferred material
- Labour clean-up costs
- OHS injury costs
- Downtime loss of production costs
- Damage costs to surrounding conveyor structure
- Creation of Permit to Work administration requirements

Our customer operates a number of brown coal transfer chutes in the flow of the bulk material between an open cut mine leading to a power station. This particular chute is positioned at a height of approximately 2 metres off the floor, where it leads to the receiving conveyor. The chute opening is approximately 1200mm wide, tapering down to 700mm.

The chutes are ageing and are beginning to show signs of deterioration. A large coal spill was reported and a small hole in the chute wall was confirmed by as being the cause of this spillage.

Continuous production needed to be maintained for the transfer point, so the hole needed to be fixed urgently, whilst the increasing volume of spillage needed to be cleared away requiring a bobcat.

“The equipment is not due for replacement, so we were keen to resolve this problem quickly with an outcome that would not interfere with our production schedule or require any further labour resources.”

CASE STUDY: K-Magna-Patch

Resolution:

K-Magna-Patch, Reusable Wear Repair Magnetic Patch

Key benefits:

- Easy application/ installation
- No tools – snaps on and off
- Reduces clean up and downtime
- Withstands strongest of material impact force
- Reusable
- Abrasion resistant
- Industry proven



Our customer was able to resolve the leak immediately by applying the magnetic wear and repair K-Magna-Patch.

"The patch was very easy to apply – it was lightweight and didn't require any special tools. First we placed the bottom section of the patch on one side of the hole, and then hinged it centrally across the hole and secured it with the other section of patch. Straight away the leak was stopped."

We monitored the area overnight in case the impact of the transferred material might throw the K-Magna-Patch off. But it didn't and so we were then able to plan for the repair efficiently and permanently without requiring any conveyor shutdown time.

Because we didn't need to allocate any additional emergency resources to this urgent repair task, which can cost approximately \$1000 a day, this problem was resolved very cost-effectively as well as quickly."

Customer feedback September 2016 (12 months after initial purchase):

"Generally we apply the patch until the next planned maintenance opportunity for repair. Usually the following week."

The patch has been a terrific tool to enable us to concentrate on our planned routine maintenance without breaking into our program to attend to break in work."

K-Slip Low Friction Liner

MATERIALS FLOW SOLUTIONS

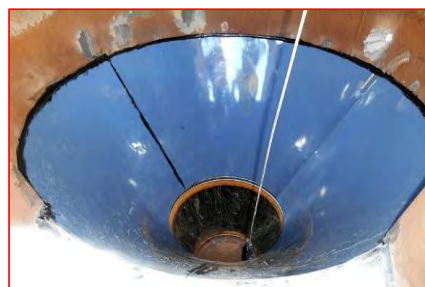
Rubber Backed UHMWPE Sheets

Description	Size	Part Number
1mm Rubber + 1mm UHMWPE	900mm x 1800mm x 2mm thick	K-SLIP-1+1
1mm Rubber + 2mm UHMWPE	900mm x 1800mm x 3mm thick	K-SLIP-1+2
1mm Rubber + 3mm UHMWPE	900mm x 1800mm x 4mm thick	K-SLIP-1+3
1mm Rubber + 4mm UHMWPE	900mm x 1800mm x 5mm thick	K-SLIP-1+4

| KEY FEATURES | Very low coefficient of friction | Easy to install | Flexible |
High wear resistant to fine particle abrasions |

Sheet Size: 1800mm x 900mm

Thickness	See above
Density:	(ASTM D1505) 1.04g/cm ²
Melting Point:	(ASTM D2117) 136°
Durometer Hardness:	(scale D; ASTM D2240) 67
Thermal Deformation:	4.6kgf/cm ³ (ASTM D648) 95
Frictional Co-Efficient:	(ASTM D1894) 0.09



K-Vortex Air Blaster

MATERIALS FLOW SOLUTIONS

| KEY FEATURES | External T-Shape Valve for easy inspection | Can retrofit any existing air blaster/air cannon | Metal to metal construction for added durability | More powerful thanks to unique "venturi effect" exhaust design | Robust cast iron design for reliability and durability | Can perform at a minimum 4 bar operating pressure - (Recommended operating pressure of 5 to 7 bar or 75 to 100 PSI) | Galvanized tank (inside and outside) with polyurethane black paint | Provision for isolation valve and/or pressure gauge for even safer operation | Wide range and availability of parts and accessories |

Please contact Kinder Australia Sales Engineers for more information.



Mercury Tilt Switches

MATERIALS FLOW SOLUTIONS

Mercury Tilt Switch

	LP04-R Series	LP04-S2 Series
Electrical Ratings (All Non Inductive)	24 VDC - 1.0 AMP	24 VDC - 1.0 A / 60 VDC 0.8 AMP 110 VAC - 1.5A / 240 VAC 0.8 AMP
Switch Mode	Vertical - Closed Tilted - Open	Vertical - Closed Tilted - Open
Operating Angle	Approx. 20 degrees from vertical	Approx. 20 degrees from vertical
Standard Cable		PVC 2C±E 0.75mm
Temp rating	75°C	75°C
IP rating	IP66/67 certified to AS60529-2004	IP66/67 certified to AS60529-2004
Cable Material	PVC 2C±E	
Cable Length	6 metres	
Standard Material	Chrome plated	Steel with chrome plated finish



Mercury Tilt Switches

MATERIALS FLOW SOLUTIONS

Snap Action Tilt Switch with Time Delay

	LP01-S2	S48	LP03
Contact Rating	24VDC - 4A (max. 24A in rush)	30VDC (5A resistive (3A inductive)	24VDC - 4A (max. 24A inrush)
	250VAC - 7A	125VDC (0.4A resistive) (0.03A inductive)	
Time Delay	Approx. 1-2 seconds standard up to 5-6 seconds available		
Switch Mode	Vertical - brown, white closed		Vertical - brown, core (1), (2) closed
	Tilted - brown, blue closed		Tilted - core (1), (3) closed
Operating Angle	Approx. 20 degrees from vertical		
Switch Cable	3C±E, 6 metre length		1.5mm2 3C±E, Blue outer sheath, 10 metre length
Temp Rating	75°C		
IP Rating	IP66/67 certified to AS60529-2004		
Standard Material	Steel with chrome plated finish		

| KEY FEATURES | Reliable | Economical | Robust | High Bin level indication and/or control | Plugged conveyor transfer point detection | Plugged chute detection | Crusher bowl level indication and/or control | Conveyor loss of feed indication and/or control | Conveyor belt drift indication and/or alarm | Boom stackers | Radial stackers | Australian made |

CONTACT KINDER AUSTRALIA FOR MORE INFORMATION

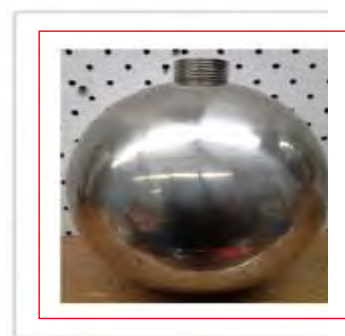
Mercury Tilt Switches

MATERIALS FLOW SOLUTIONS

Tilt Switch SS Float Ball Kit

| KEY FEATURES | Robust Stainless Steel construction extends service life | Quick to install and replace via direct 1" BSP thread to Leveltec Tilt Switches | Increases surface area of the Tilt Switch when used with fine materials to prevent possibility of burying | Kit includes installation instructions and single use locking agent for high vibration areas | Supplied in individual cardboard cartons for easy store management | Australian made |

CONTACT KINDER AUSTRALIA FOR MORE INFORMATION



K-Superline® Nomenclature

ANTI-WEAR LINERS

FRAS OPTION



FAW

SHT

FB

C

410

R83

Category
SHT = Sheet
ROL = Roll

Sheet Type

PB = Plain Back
FB = Fabric Back (02 Cotton)
MB = 16ga Expanded Metal Back
MD = 16ga 304 Stainless Steel Metal Back
MX = 10ga Expanded Metal Back
SS = 16ga 304 Stainless Solid Metal Back
SM = 14ga Solid Metal Back
SX = 10ga Solid Metal Back
RB = 16ga 304 Stainless exp. Raised Insert Metal Back
RX = 10ga Expanded Raised Insert Metal Back
WA = Weldable, 2.6 Weld Plates per Square Foot
WB = Weldable, 1.6 Weld Plates per Square Foot
WC = Weldable, 1.1 Weld Plates per Square Foot

Sizes

Rolls	Sheets
425 - 4' x 25'	48 = 4' x 8'
450 = 4' x 50'	410 = 4' x 10'
475 = 4' x 75'	58 = 5' x 8'
4100 = 5' x 100'	510 = 5' x 10'
525 = 5' x 25'	
550 = 5' x 50'	
575 = 5' x 75'	
5100 = 5' x 100'	

Material Code

R62 = Red 62A Ether	R80 = Red 80 Ether
R90 = Red 90A Ether	G69 = Green 69A Ester
G83 = Green 83A Ester	b93 = Black 93A Ester
HK2 = 93A / 69A Clear	
IK3 = Black 93A / 69A Clear / Black 93A	
FO83 = Flame Retardant Orange 83A Ester	
RU83 = Flame Retardant Anti Static Light Blue 83A Ester	

Sheet Thickness

B = 3/16"	C = 1/4"
D = 5/16"	E = 3/8"
G = 1/2"	H = 5/8"
J = 3/4"	L = 1"

Materials	Code
Red 62A	R62
Red 80A	R80
Red 90A	R90
Green 69A	G69
Green 83A	G83
Black 93A	B93
Flame Retardant 83A	FO83
Flame Retardant Anti-static FRAS	RU83

K-Superline® Coated Bolts

FRAS OPTION

ANTI-WEAR LINERS

Bolt Size "Z" x "X"	Urethane Head "W" x "Y"	Part Number	Description
1/4" x 1-1/2"	1-1/8" x 1/4"	K-FAW-CB-1414-150	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 3/8"	K-FAW-CB-3838-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 3/8"	K-FAW-CB-3838-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 3/8"	K-FAW-CB-3838-250	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 1/2"	K-FAW-CB-3812-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 1/2"	K-FAW-CB-3812-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 1/2"	K-FAW-CB-3812-250	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 3/4"	K-FAW-CB-3834-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 3/4"	K-FAW-CB-3834-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 3/4"	K-FAW-CB-3834-250	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 1"	K-FAW-CB-3810-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 1"	K-FAW-CB-3810-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 1"	K-FAW-CB-3810-250	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 1-1/4"	K-FAW-CB-38114-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 1-1/4"	K-FAW-CB-38114-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 1-1/4"	K-FAW-CB-38114-250	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 1-1/2"	K-FAW-CB-38112-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 1-1/2"	K-FAW-CB-38112-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 1-1/2"	K-FAW-CB-38112-250	K-Superline® Polyurethane Coated Bolt
3/8" x 1-1/2"	1-1/2" x 2"	K-FAW-CB-3820-150	K-Superline® Polyurethane Coated Bolt
3/8" x 2"	1-1/2" x 2"	K-FAW-CB-3820-200	K-Superline® Polyurethane Coated Bolt
3/8" x 2-1/2"	1-1/2" x 2"	K-FAW-CB-3820-250	K-Superline® Polyurethane Coated Bolt

Bolt Selection Guide

1/4" thick liner use plain elevator bolt*
 5/16" thick liner use #1414 bolt
 3/8" thick liner use #1414 bolt
 1/2" thick liner use #3838 bolt
 3/4" thick liner use #3812 bolt
 1"+ thick liner use #3834 bolt

* You can also use #1414 bolt, but it will stick up 1/16"

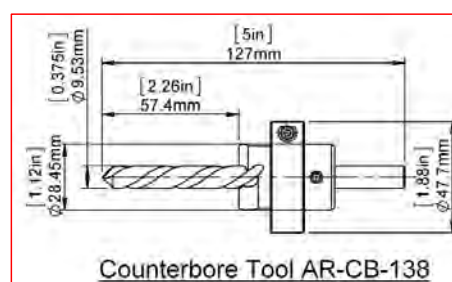
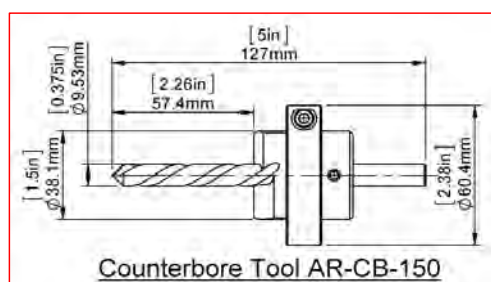


K-Superline® Counterbore Tools

FRAS OPTION

ANTI-WEAR

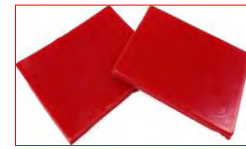
Part Number	Description
K-FAW-AR-CB-150	3/8" drill 1-1/2" counterbore
K-FAW-AR-CB-138	3/8" drill 1-1/8" counterbore



* As a general rule of thumb, counterbore depth should be set to three-quarters the thickness of the liner that you are installing. Make sure that you have the appropriate size coated bolt.
 * Example A 1" thick liner would be counterbored 3/4" deep, and would use a #3834 Coated Bolt to fasten.
 * If counterboring a liner that has a solid metal or expanded metal insert, it is OK to bore down to the metal.
 * Standard size bolt lengths are 1-1/2", 2" & 2-1/2".
 * For any non-standard bolt length, divide the list price by .75 before taking multiplier.
 Allow for 3 weeks lead time.

K-Superline® Plain Back (PB)

FRAS OPTION



ANTI-WEAR LINERS

ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	4' x 8'	16.13
C	1/4"	4' x 8'	19.65
D	5/16"	4' x 8'	24.59
E	3/8"	4' x 8'	33.64
G	1/2"	4' x 8'	39.29
H	5/8"	4' x 8'	49.11
J	3/4"	4' x 8'	58.93
L	1"	4' x 8'	78.58

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	4' x 8'	16.86
C	1/4"	4' x 8'	22.43
D	5/16"	4' x 8'	28.08
E	3/8"	4' x 8'	34.09
G	1/2"	4' x 8'	44.85
H	5/8"	4' x 8'	56.06
J	3/4"	4' x 8'	67.28
L	1"	4' x 8'	89.71

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	4' x 10'	18.47
C	1/4"	4' x 10'	24.56
D	5/16"	4' x 10'	30.74
E	3/8"	4' x 10'	36.83
G	1/2"	4' x 10'	49.11
H	5/8"	4' x 10'	61.39
J	3/4"	4' x 10'	73.66
L	1"	4' x 10'	98.22

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	4' x 10'	21.08
C	1/4"	4' x 10'	28.03
D	5/16"	4' x 10'	35.10
E	3/8"	4' x 10'	42.05
G	1/2"	4' x 10'	56.06
H	5/8"	4' x 10'	70.08
J	3/4"	4' x 10'	84.10
L	1"	4' x 10'	112.13

5' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	5' x 8'	18.47
C	1/4"	5' x 8'	24.56
D	5/16"	5' x 8'	30.74
E	3/8"	5' x 8'	36.83
G	1/2"	5' x 8'	49.11
H	5/8"	5' x 8'	61.39
J	3/4"	5' x 8'	73.66
L	1"	5' x 8'	98.22

5' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	5' x 8'	21.08
C	1/4"	5' x 8'	28.03
D	5/16"	5' x 8'	35.10
E	3/8"	5' x 8'	42.05
G	1/2"	5' x 8'	56.06
H	5/8"	5' x 8'	70.08
J	3/4"	5' x 8'	84.10
L	1"	5' x 8'	112.13

5' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	5' x 10'	23.08
C	1/4"	5' x 10'	30.69
D	5/16"	5' x 10'	38.43
E	3/8"	5' x 10'	46.66
G	1/2"	5' x 10'	61.39
H	5/8"	5' x 10'	76.73
J	3/4"	5' x 10'	92.08
L	1"	5' x 10'	122.78

5' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	3/16"	5' x 10'	26.35
C	1/4"	5' x 10'	35.04
D	5/16"	5' x 10'	43.87
E	3/8"	5' x 10'	53.26
G	1/2"	5' x 10'	70.08
H	5/8"	5' x 10'	87.60
J	3/4"	5' x 10'	105.12
L	1"	5' x 10'	140.16

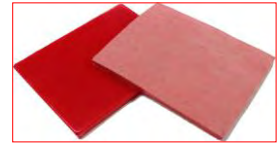
Please note these are for standard R80, R90, G83, B93.

FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Fabric Back (FB)

ANTI-WEAR LINERS

FRAS OPTION



ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	4' x 8'	18.02
C	5/16"	4' x 8'	21.53
D	3/8"	4' x 8'	26.48
E	7/16"	4' x 8'	35.53
G	9/16"	4' x 8'	41.17
H	11/16"	4' x 8'	51.00
J	13/16"	4' x 8'	60.82
L	1 1/16"	4' x 8'	80.46

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	4' x 8'	18.75
C	5/16"	4' x 8'	24.31
D	3/8"	4' x 8'	29.96
E	7/16"	4' x 8'	35.97
G	9/16"	4' x 8'	46.74
H	11/16"	4' x 8'	57.95
J	13/16"	4' x 8'	69.17
L	1 1/16"	4' x 8'	91.59

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	4' x 10'	20.82
C	5/16"	4' x 10'	26.92
D	3/8"	4' x 10'	33.10
E	7/16"	4' x 10'	39.19
G	9/16"	4' x 10'	51.47
H	11/16"	4' x 10'	63.75
J	13/16"	4' x 10'	76.02
L	1 1/16"	4' x 10'	100.58

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	4' x 10'	23.44
C	5/16"	4' x 10'	30.39
D	3/8"	4' x 10'	37.46
E	7/16"	4' x 10'	44.41
G	9/16"	4' x 10'	58.42
H	11/16"	4' x 10'	72.44
J	13/16"	4' x 10'	86.45
L	1 1/16"	4' x 10'	114.49

5' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	5' x 8'	20.82
C	5/16"	5' x 8'	26.92
D	3/8"	5' x 8'	33.10
E	7/16"	5' x 8'	39.19
G	9/16"	5' x 8'	51.47
H	11/16"	5' x 8'	63.75
J	13/16"	5' x 8'	76.02
L	1 1/16"	5' x 8'	100.58

5' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	5' x 8'	23.44
C	5/16"	5' x 8'	30.39
D	3/8"	5' x 8'	37.46
E	7/16"	5' x 8'	44.41
G	9/16"	5' x 8'	58.42
H	11/16"	5' x 8'	72.44
J	13/16"	5' x 8'	86.46
L	1 1/16"	5' x 8'	114.49

5' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	5' x 10'	26.03
C	5/16"	5' x 10'	33.64
D	3/8"	5' x 10'	41.38
E	7/16"	5' x 10'	49.60
G	9/16"	5' x 10'	64.34
H	11/16"	5' x 10'	79.68
J	13/16"	5' x 10'	95.03
L	1 1/16"	5' x 10'	125.73

5' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
B	1/4"	5' x 10'	29.30
C	5/16"	5' x 10'	37.99
D	3/8"	5' x 10'	46.82
E	7/16"	5' x 10'	56.21
G	9/16"	5' x 10'	73.03
H	11/16"	5' x 10'	90.55
J	13/16"	5' x 10'	108.07
L	1 1/16"	5' x 10'	143.11

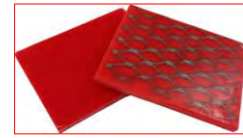
Please note these are for standard R80, R90, G83, B93.

FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Metal Back (MB)

ANTI-WEAR LINERS

FRAS OPTION



ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 8'	18.66
D	5/16"	4' x 8'	23.61
E	3/8"	4' x 8'	32.65
G	1/2"	4' x 8'	38.30
H	5/8"	4' x 8'	48.13
J	3/4"	4' x 8'	57.95
L	1"	4' x 8'	77.59

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 8'	21.31
D	5/16"	4' x 8'	26.96
E	3/8"	4' x 8'	32.97
G	1/2"	4' x 8'	43.73
H	5/8"	4' x 8'	54.94
J	3/4"	4' x 8'	66.16
L	1"	4' x 8'	88.59

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 10'	23.33
D	5/16"	4' x 10'	29.52
E	3/8"	4' x 10'	35.60
G	1/2"	4' x 10'	47.88
H	5/8"	4' x 10'	60.16
J	3/4"	4' x 10'	72.43
L	1"	4' x 10'	96.99

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 10'	26.80
D	5/16"	4' x 10'	33.70
E	3/8"	4' x 10'	40.65
G	1/2"	4' x 10'	54.66
H	5/8"	4' x 10'	68.68
J	3/4"	4' x 10'	82.69
L	1"	4' x 10'	110.73

16 Gauge Expanded Metal Backed Urethane sheet
Insert Material; Nominal 16 gauge (0.598") mild steel

Please note these are for standard R80, R90, G83, B93.
FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Raised Back (RB)

ANTI-WEAR

ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 8'	23.61
E	3/8"	4' x 8'	32.65
G	1/2"	4' x 8'	38.30
H	5/8"	4' x 8'	48.13
J	3/4"	4' x 8'	57.95
L	1"	4' x 8'	77.59

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 8'	26.96
E	3/8"	4' x 8'	32.97
G	1/2"	4' x 8'	43.73
H	5/8"	4' x 8'	54.94
J	3/4"	4' x 8'	66.16
L	1"	4' x 8'	88.59

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 10'	29.52
E	3/8"	4' x 10'	35.60
G	1/2"	4' x 10'	47.88
H	5/8"	4' x 10'	60.16
J	3/4"	4' x 10'	72.43
L	1"	4' x 10'	96.99

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 10'	33.70
E	3/8"	4' x 10'	40.65
G	1/2"	4' x 10'	54.66
H	5/8"	4' x 10'	68.68
J	3/4"	4' x 10'	82.69
L	1"	4' x 10'	110.73

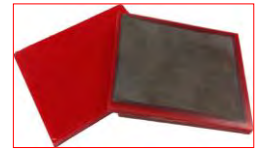
16 Gauge Raised Expanded Metal Backed Urethane Sheet. Insert Material: Nominal 16 gauge (0.598") mild steel expanded metal sheet with 0.6" approximate raise.

Please note these are for standard R80, R90, G83, B93.
FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Solid Metal Back (SX)

ANTI-WEAR LINERS

FRAS OPTION



ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 8'	95.57
E	3/8"	4' x 8'	104.62
G	1/2"	4' x 8'	110.26
H	5/8"	4' x 8'	120.09
J	3/4"	4' x 8'	129.91
L	1"	4' x 8'	149.55

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 8'	99.06
E	3/8"	4' x 8'	105.07
G	1/2"	4' x 8'	115.83
H	5/8"	4' x 8'	127.04
J	3/4"	4' x 8'	138.26
L	1"	4' x 8'	160.68

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 10'	119.47
E	3/8"	4' x 10'	125.55
G	1/2"	4' x 10'	137.83
H	5/8"	4' x 10'	150.16
J	3/4"	4' x 10'	162.39
L	1"	4' x 10'	186.94

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 10'	123.82
E	3/8"	4' x 10'	130.77
G	1/2"	4' x 10'	144.79
H	5/8"	4' x 10'	158.80
J	3/4"	4' x 10'	172.82
L	1"	4' x 10'	200.86

10 Gauge Solid Metal Backed Urethane Sheet
Insert Material - Nominal 10 gauge (.1345") cold rolled steel

Please note these are for standard R80, R90, G83, B93.
FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Solid Metal Back (RX)

ANTI-WEAR

FRAS OPTION

ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
E	3/8"	4' x 8'	31.46
G	1/2"	4' x 8'	37.10
H	5/8"	4' x 8'	46.93
J	3/4"	4' x 8'	56.75
L	1"	4' x 8'	76.39

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
E	3/8"	4' x 8'	31.60
G	1/2"	4' x 8'	42.36
H	5/8"	4' x 8'	53.57
J	3/4"	4' x 8'	64.79
L	1"	4' x 8'	87.22

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
E	3/8"	4' x 10'	34.10
G	1/2"	4' x 10'	46.38
H	5/8"	4' x 10'	58.66
J	3/4"	4' x 10'	70.93
L	1"	4' x 10'	95.49

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
E	3/8"	4' x 10'	38.93
G	1/2"	4' x 10'	52.95
H	5/8"	4' x 10'	66.96
J	3/4"	4' x 10'	80.98
L	1"	4' x 10'	109.02

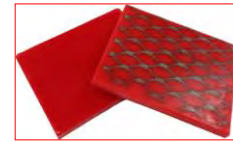
10 Gauge Raised Expanded Metal Backed Urethane Sheet.
Insert Material - Nominal 10 gauge (.1345") mild steel expanded metal sheet with .06" approximate raise

Please note these are for standard R80, R90, G83, B93.
FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Metal Back (MX)

ANTI-WEAR LINERS

FRAS OPTION



ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 8'	22.41
E	3/8"	4' x 8'	31.46
G	1/2"	4' x 8'	37.10
H	5/8"	4' x 8'	46.93
J	3/4"	4' x 8'	56.75
L	1"	4' x 8'	76.39

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 8'	25.59
E	3/8"	4' x 8'	31.60
G	1/2"	4' x 8'	42.36
H	5/8"	4' x 8'	53.57
J	3/4"	4' x 8'	64.79
L	1"	4' x 8'	87.22

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 10'	28.01
E	3/8"	4' x 10'	34.10
G	1/2"	4' x 10'	46.38
H	5/8"	4' x 10'	58.66
J	3/4"	4' x 10'	70.93
L	1"	4' x 10'	95.49

4' x 10' Ester

Letter	Overall Thickness	Size	Weight (kg)
D	5/16"	4' x 10'	31.98
E	3/8"	4' x 10'	38.93
G	1/2"	4' x 10'	52.95
H	5/8"	4' x 10'	66.96
J	3/4"	4' x 10'	80.98
L	1"	4' x 10'	109.02

10 Gauge Expanded Metal Backed Urethane Sheet
Insert Material - Nominal 10 gauge (.1345") mild steel

Please note these are for standard R80, R90, G83, B93.
FRAS & other special formulas please refer to the Nomenclature Worksheet

K-Superline® Metal Back (SM)

ANTI-WEAR

FRAS OPTION

ETHER (Even Duro)

4' x 8' Ether

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 8'	61.88
D	5/16"	4' x 8'	66.83
E	3/8"	4' x 8'	75.88
G	1/2"	4' x 8'	81.52
H	5/8"	4' x 8'	91.35
J	3/4"	4' x 8'	101.17
L	1"	4' x 8'	120.81

ESTER (Odd Duro)

4' x 8' Ester

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 8'	64.66
D	5/16"	4' x 8'	70.32
E	3/8"	4' x 8'	76.33
G	1/2"	4' x 8'	87.09
H	5/8"	4' x 8'	98.30
J	3/4"	4' x 8'	109.52
L	1"	4' x 8'	131.95

4' x 10' Ether

Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 10'	77.36
D	5/16"	4' x 10'	83.54
E	3/8"	4' x 10'	89.63
G	1/2"	4' x 10'	101.91
H	5/8"	4' x 10'	114.19
J	3/4"	4' x 10'	126.46
L	1"	4' x 10'	151.02

4' x 10' Ester

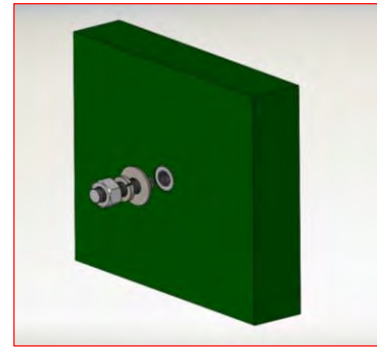
Letter	Overall Thickness	Size	Weight (kg)
C	1/4"	4' x 10'	80.83
D	5/16"	4' x 10'	87.90
E	3/8"	4' x 10'	94.85
G	1/2"	4' x 10'	108.86
H	5/8"	4' x 10'	122.92
J	3/4"	4' x 10'	136.89
L	1"	4' x 10'	164.93

14 Gauge Solid Metal Backed Urethane Sheet
Insert Material - Nominal 14 gauge (.0747") cold rolled steel

Please note these are for standard R80, R90, G83, B93.
FRAS & other special formulas please refer to the Nomenclature Worksheet

ANTI-WEAR LINERS

Description	Part Number
K-Redi-Liner® Assembly includes 1 x Plain Urethane Impact Panel 305mm x 305mm x 25mm G83 Duro with 1/2" nut embedded 1 x 1/2" x 3" long zinc plated steel stud 1 x 1/2" zinc plated steel nut 1 x 1/2" zinc plated steel flat washer 1 x 1/2" zinc plated steel spring washer	K-FAW-WP-RL-111-G83-AS
K-Redi-Liner® Assembly includes 1 x Plain Urethane Impact Panel 305mm x 305mm x 38mm G83 Duro with 1/2" nut embedded 1 x 1/2" x 3" long zinc plated steel stud 1 x 1/2" zinc plated steel nut 1 x 1/2" zinc plated steel flat washer 1 x 1/2" zinc plated steel spring washer	K-FAW-WP-RL-1511-G83
K-Redi-Liner® Assembly includes 1 x Plain Urethane Impact Panel 305mm x 305mm x 51mm G83 Duro with 3/4" nut embedded 1 x 3/4" x 3" long zinc plated steel stud 1 x 3/4" zinc plated steel nut 1 x 3/4" zinc plated steel flat washer 1 x 3/4" zinc plated steel spring washer	K-FAW-WP-RL-211-G83 *
K-Redi-Liner® Assembly includes 1 x Plain Urethane Impact Panel 305mm x 305mm x 63mm G83 Duro with 3/4" nut embedded 1 x 3/4" x 3" long zinc plated steel stud 1 x 3/4" zinc plated steel nut 1 x 3/4" zinc plated steel flat washer 1 x 3/4" zinc plated steel spring washer	K-FAW-WP-RL-2511-G83



* K-FAW-WP-RL-211-G83 - Kinder Australia standard stock item.

For other sizes, contact Kinder Australia Sales Engineers for estimated lead times.

K-Redi-Liner® Ceramic

ANTI-WEAR LINERS

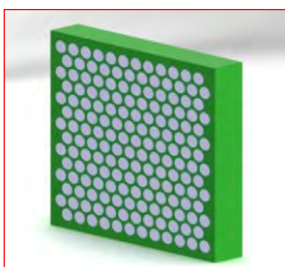
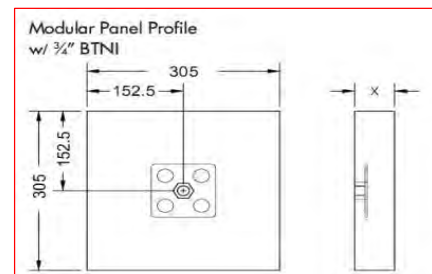
Description	TIR Type	Part Number
K-Redi-Liner® Assembly includes 1 x Ceramic Embedded Urethane Impact Panel 305mm x 305mm x 51mm B93 Duro with 3/4" nut embedded (KC = 13/16" Ceramic Cylinders) 1 x 3/4" x 3" long zinc plated steel stud 1 x 3/4" zinc plated steel nut 1 x 3/4" zinc plated steel flat washer 1 x 3/4" zinc plated steel spring washer	KC	K-FAW-WP-RL-KC211-B93-AS*
K-Redi-Liner® Assembly includes 1 x Ceramic Embedded Urethane Impact Panel 305mm x 305mm x 63mm G83 Duro with 3/4" nut embedded (KS = 1-1/4" Ceramic Cylinders) 1 x 3/4" x 3" long zinc plated steel stud 1 x 3/4" zinc plated steel nut 1 x 3/4" zinc plated steel flat washer 1 x 3/4" zinc plated steel spring washer	KS	K-FAW-WP-RL-KS2511-G83
K-Redi-Liner® Assembly includes 1 x Ceramic Embedded Urethane Impact Panel 305mm x 305mm x 63mm B93 Duro with 3/4" nut embedded (KH = 1-1/2" Ceramic Cubes) 1 x 3/4" x 3" long zinc plated steel stud 1 x 3/4" zinc plated steel nut 1 x 3/4" zinc plated steel flat washer 1 x 3/4" zinc plated steel spring washer	KH	K-FAW-WP-RL-KH2511-B93

* K-FAW-WP-RL-KC211-B93-AS* - Kinder Australia standard stock item.

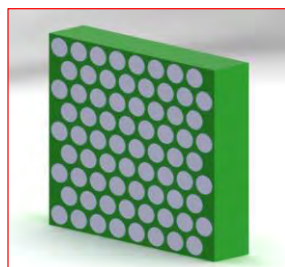
For other sizes, contact Kinder Australia Sales Engineers for estimated lead times.

Materials	Code
Green 83A	G83
Black 93A	B93
Red 90A	R90
Red 80A	R80
Flame Retardant 83A	FO83
Flame Retardant Anti Static FRAS	RU83

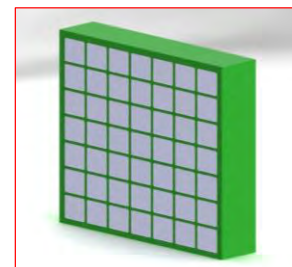
KEY FEATURES | Extreme abrasion resistance | Bolt-in 305mm x 305mm panels can be arranged into any wear pattern that is required | Replace only what's needed instead of replacing the entire liner | Light weight compared to steel |



K-FAW-WP-RL-KC211-G83



K-FAW-WP-RL-KS2511-G83



K-FAW-WP-RL-KH2511-B93

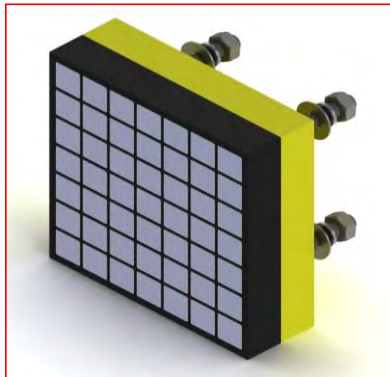
K-Redi-Liner® KP Dual Duro

ANTI-WEAR LINERS

Description	TIR Type	Part Number
K-Redi-Liner® Assembly includes 1 x Ceramic Embedded Urethane Ultra Heavy Duty Impact Panel 305mm x 305mm x 102mm Dual Duro(93 Surface /63 Base) (with 4 x 3/4" nuts embedded) (KP = 1-1/2" Ceramic Cubes in Dual Duro) 4 x 3/4" x 3" long zinc plated steel stud 4 x 3/4" zinc plated steel nut 4 x 3/4" zinc plated steel flat washer 4 x 3/4" zinc plated steel spring washer	KP	K-FAW-WP-RL-KP411-BGG

Materials	Code
Flame Retardant Anti Static FRAS	RU83

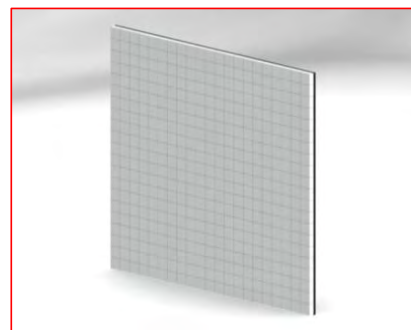
| KEY FEATURES | Extreme abrasion resistance | Bolt-in 305mm x 305mm panels can be arranged into any wear pattern that is required | Replace only what's needed instead of replacing the entire liner |



K-Ceramat Rubber Backed Ceramic

ANTI-WEAR LINERS

Description	Part Number
K-Ceramat Rubber Backed Ceramic Tiles 10 x 10 (3mm Rubber + 3mm Tile) 500mm x 500mm	K-CER-10x10x3
K-Ceramat Rubber Backed Ceramic Tiles 20 x 20 (5mm Rubber + 5mm Tile) 500mm x 500mm	K-CER-20x20x5
K-CERAMAT Rubber Backed Ceramic Tiles LGE 25 x 25 Sq Tile (12mm thick tile + 5mm thick rubber) - 500mm x 500mm	K-CER-25x25x12

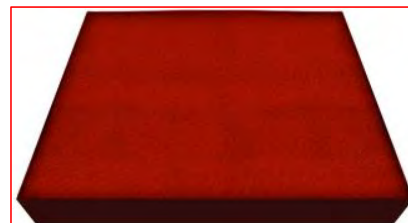


| KEY FEATURES | Extreme abrasion resistance | Ceramic tiles 92% alumina oxide | Easy installation |

K-Magna-Skin

MAGNETIC WEAR & REPAIR

Description	Part Number
K-Magna-Skin - Wear Liner Black 60 Rubber 300mm x 300mm x 50mm	K-FAW-MS-169000001
K-Magna-Skin - Wear Liner Black 60 Rubber 300mm x 300mm x 25mm	K-FAW-MS-169000003
K-Magna-Skin - Wear Liner Red 70 Urethane 300mm x 300mm x 25mm	K-FAW-MS-169000018
K-Magna-Skin - Wear Liner Red 70 Urethane 300mm x 300mm x 50mm	K-FAW-MS-169000019
K-Magna-Skin - Wear Liner Blue 40 Rubber 300mm x 300mm x 25mm	K-FAW-MS-169000020
K-Magna-Skin - Wear Liner Blue 40 Rubber 300mm x 300mm x 50mm	K-FAW-MS-169000021
K-Magna-Skin - Wear Liner UHMWPE 300mm x 300mm x 25mm	K-FAW-MS-169000030
K-Magna-Skin - Wear Liner White Ceramic 300mm x 300mm x 25mm	K-FAW-MS-169000031

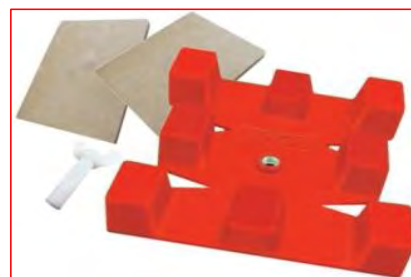


| KEY FEATURES | Quick and easy repair of worn steel processing equipment | Reduced downtime | Requires no welding, grinding or gouging | Holds in place even under heaviest impact | Extreme wear polyurethane, abrasion resistance | Low coefficient of friction | High chemical resistance |

K-Magna-Patch

MAGNETIC WEAR & REPAIR

Description	Part Number
K-Magna-Patch 611 Mini Patch FRAS	K-FAW-MAG-MP-611-FRAS
K-Magna-Patch 711 Chute Patch FRAS	K-FAW-MAG-MP-711-FRAS
K-Magna-Patch 811 Large Steel Patch FRAS	K-FAW-MAG-MP-811-FRAS



| KEY BENEFITS | Easy application and installation | No tools - "snaps" on and off | Reduces clean up and down time | Maintenance-free | Reusable | Abrasion Resistant | Industry proven |

K-Magna-Plate

MAGNETIC WEAR & REPAIR

Description	Part Number
K-Magna-Plate - Wearplate Retainer 200mm x 200mm x 47mm	K-FAW-MPT-88



| KEY BENEFITS | No welding or bolting to change out | Ability to use with any ferrous material | Simple tools required for wear plate change out | Keeps wear plate in place while the polymer absorbs the impact, allowing production to continue |



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Medetec Metal Detectors

METAL DETECTOR PRODUCTS

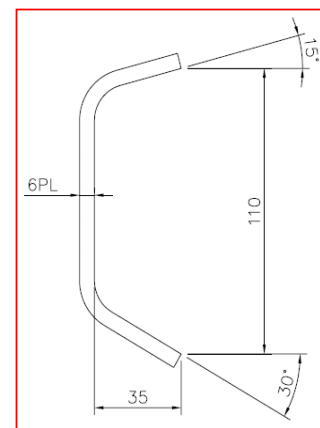
| KEY FEATURES | Operating temperature of search coil: -40 up to +55°C | Operating temperature of electronic units: -25 up to +55°C | Electromagnetic compatibility: EMC Directive 89/336/EEC | Electrical safety: Low Voltage Directive 72/23/EEC |



K-Screen Accessories

SCREENING PRODUCTS

Description	Part Number
Screen Side Tension Clamp - 1220mm Long - 6mm Plate	K-SCR-KSSC1220-6
Screen Side Tension Clamp - 1525mm Long - 6mm Plate	K-SCR-KSSC1525-6
Screen Side Tension Clamp - 1830mm Long - 6mm Plate	K-SCR-KSSC1830-6



Capping Rubber

SCREENING PRODUCTS

Description	Part Number
9mm Slot, Flat Top - Long Legged	K-RUB-KCRF9
12mm Slot, Flat Top - Long Legged	K-RUB-KCRF12
9mm Slot, Long Legged	K-RUB-KCR9
9mm Slot, Short Legged	K-RUB-KLCR9
12mm Slot, Short Legged	K-RUB-KLCR12

K-Wedge Bolt Screen Tensioning

SCREENING PRODUCTS

Description	Part Number
FASTENER - K-Wedge Pin Assembly (Must be Assembled) Kinder Drawing No.: 1732	K-FAS-KWBASSY

| KEY FEATURES | Fast screen change | Correct tension | Re-useable | No modifications | Efficient |



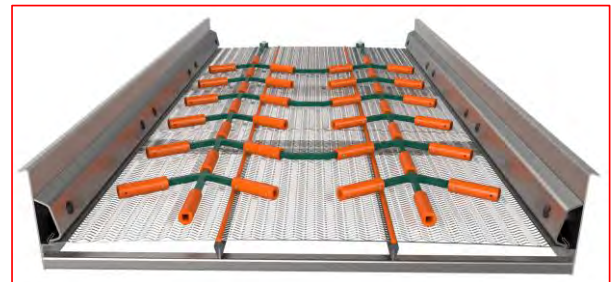
K-Deblinding Rods

SCREENING PRODUCTS

Description	Part Number
K-Deblinding Rods Systems - Fixed Rod	K-DEB-FIXED-ROD
K-Deblinding Rods Systems - Fixture	K-DEB-FIXTURE
K-Deblinding Rods Systems - Mobile Rod	K-DEB-MOBILE-ROD
K-Deblinding Rods Systems - Separator 135	K-SEPERATOR-135
K-Deblinding Rods Systems - Separator 400	K-SEPERATOR-400

Screen Width	Components
Up to 1000	1 K-Deblinding Rod
1000 ÷ 1500	2 K-Deblinding Rods
1500 ÷ 2000	3 K-Deblinding Rods

Screen Length	Components
Up to 1500	1 Fixed rod and 2 mobile rods
Up to 2000	1 Fixed rod and 3 mobile rods
Up to 2500	1 Fixed rod and 4 mobile rods
Up to 3000	1 Fixed rod and 5 mobile rods
Up to 3500	1 Fixed rod and 6 mobile rods
Up to 4000	1 Fixed rod and 7 mobile rods
Up to 4500	1 Fixed rod and 8 mobile rods



K-Deblinding Rods are elastic polyurethane rods that are fixed to the screen. They use the machine's vibration to move and bounce on the surface of the mesh, avoiding particles wedging and binding the screen.

NOTE:

To avoid tangling of separate K-Deblinding Rods, they are joined using separators, according to the number of mobile rods.

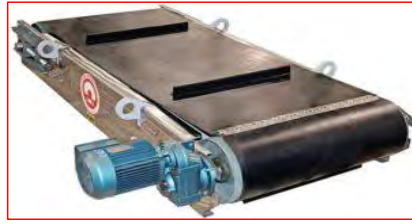
This product is not recommended for use with wire mesh that has a diameter smaller than 2.5mm and is not suitable for use on rubber screens.

Conveyor Line Application - Magnets Over and Under the Belt

MAGNETIC SEPARATORS

- Conveyor Line Magnets
- * Suspended Permanent Overhead
 - * Magnetic Separation Pulley
 - * Drum Separators
 - * Eddy Current Separators

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Gravity Feed Application - Magnets Inside of the Product Stream

MAGNETIC SEPARATORS

- Gravity Feed Magnets: in the Product Stream
- * Magnetic Grates
 - * Drawer-In-Housings
 - * Large Tube Housings

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Gravity Feed Application - Magnets Outside of the Product Stream

MAGNETIC SEPARATORS

- Gravity Feed Magnets: Outside the Product Stream
- * Plate Style Magnets
 - * Extractor Magnets
 - * Hump Magnets

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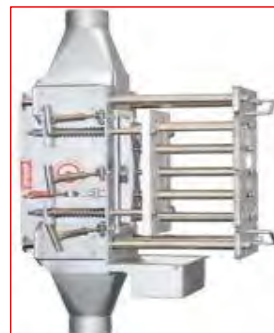


Pneumatic and Liquid Line Applications - Magnets in the Product Line

MAGNETIC SEPARATORS

- | | |
|---------------------------|----------------------|
| Pneumatic Line Magnets | Liquid Line Magnets |
| * Bullet Magnet | * Plate Style T-Trap |
| * Pneumatic Line Housing | * Tube Style T-Trap |
| * Exposed Pole Tube | |
| * 4JIT Vacuum Line Magnet | |

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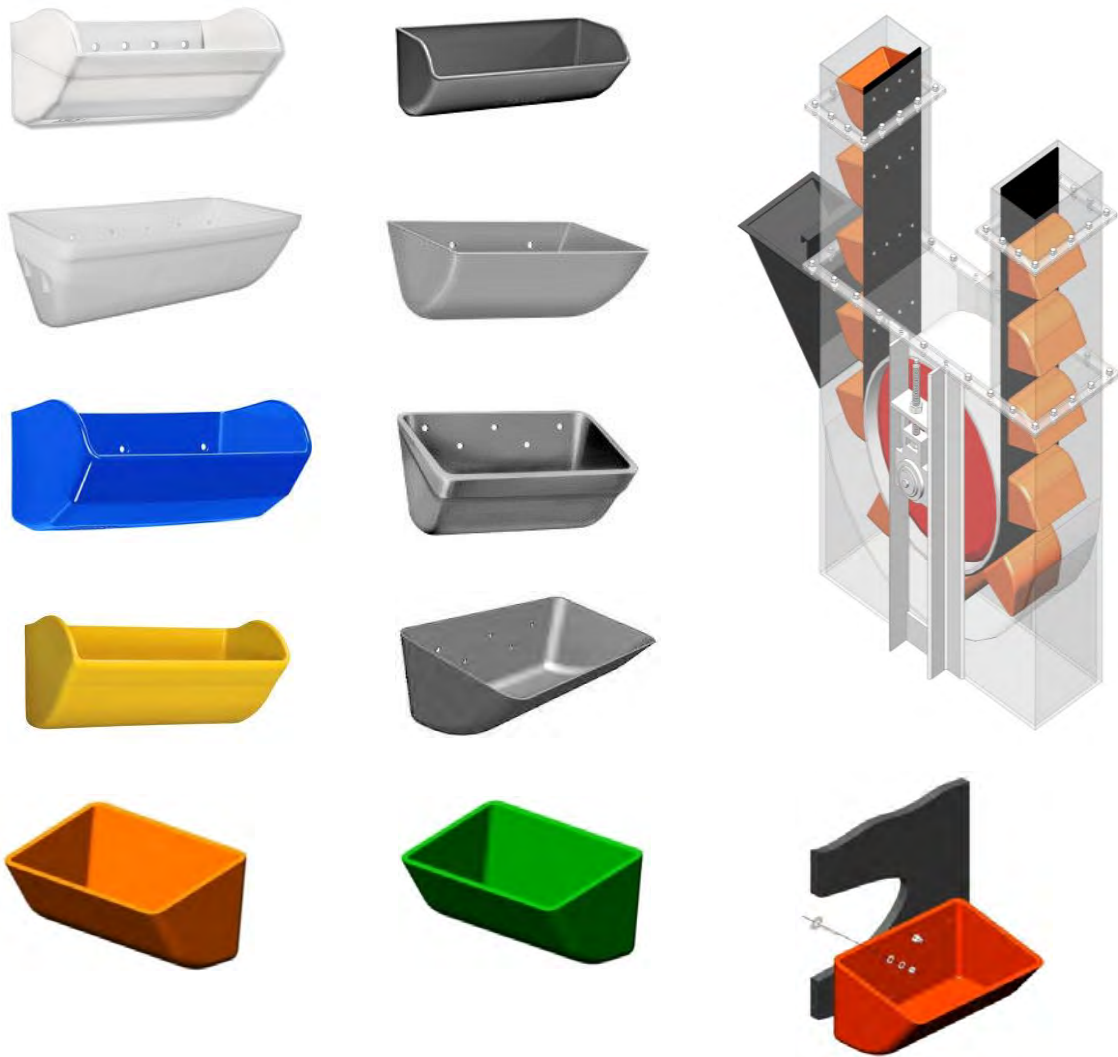


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Bucket Elevator Buckets

BUCKET ELEVATOR COMPONENTS



| KEY FEATURES | Suitable for agricultural & industrial | Different styles/sizes | Buckets available in Nylon/HDPE/Polyurethane/Steel/Cast Iron |

| KEY BENEFITS | Lowers elevator maintenance | Reduces energy usage | Extends bucket life | Easier to install and replace | Decreases elevator down-time |

CONTACT KINDER AUSTRALIA FOR MORE INFORMATION

Bucket Elevator Bolts

BUCKET ELEVATOR COMPONENTS

Description	Part Number
FASTENER - REF 70 Elevator Bucket Bolt 1/2" x 1-1/4" complete with nuts and washer (Box of 100)	K-FAS-1/2"x1-1/4" REF 70
FASTENER - REF 70 Elevator Bucket Bolt 1/2" x 1-3/4" complete with nuts and washer (Box of 100)	K-FAS-1/2"x1-3/4"REF70
FASTENER - REF 70 Elevator Bucket Bolt 1/4" x 1-1/2" complete with nuts and washer (Box of 100)	K-FAS-1/4"x1-1/2" REF 70
FASTENER - REF 70 Elevator Bucket Bolt 1/4 x 1-1/4" complete with nuts and washer (Box of 100)	K-FAS-1/4x1-1/4REF70
FASTENER - REF 70 Elevator Bucket Bolt 1/4" x 1" complete with nuts and washer (Box of 100)	K-FAS-1/4"x1"REF70
FASTENER - REF 70 Elevator Bucket Bolt 1/4" x 2" complete with nuts and washer (Box of 100)	K-FAS-1/4"x2"REF70
FASTENER - REF 70 Elevator Bucket Bolt 1/4" x 3/4" complete with nuts and washer (Box of 100)	K-FAS-1/4"x3/4"REF70
FASTENER - REF 70 Elevator Bucket Bolt 3/8" x 1-1/2" completed with nut and washer (Box of 100)	K-FAS-3/8"x1-1/2" REF70
FASTENER - REF 70 Elevator Bucket Bolt 3/8" x 1-1/4" complete with nuts and washer (Box of 100)	K-FAS-3/8"x1-1/4" REF70
FASTENER - REF 70 Elevator Bucket Bolt 3/8" x 1-3/4" complete with nuts and washer (Box of 100)	K-FAS-3/8"x1-3/4"REF70
FASTENER - REF 70 Elevator Bucket Bolt 3/8" x 1" complete with nuts and washer (Box of 100)	K-FAS-3/8"x1"REF70
FASTENER - REF 70 Elevator Bucket Bolt 3/8" x 2-1/2" complete with nuts and washer (Box of 100)	K-FAS-3/8"x2-1/2"REF70
FASTENER - REF 70 Elevator Bucket Bolt 3/8" x 2" complete with nuts and washer (Box of 100)	K-FAS-3/8"x2"REF70
FASTENER - REF 70 Elevator Bucket Bolt 5/16" x 1-1/2" complete with nuts and washer (Box of 100)	K-FAS-5/16"x1-1/2"REF70"
FASTENER - REF 70 Elevator Bucket Bolt 5/16" x 1-1/4" complete with nuts and washer (Box of 100)	K-FAS-5/16"x1-1/4"REF 70
FASTENER - REF 70 Elevator Bucket Bolt 5/16" x 1" complete with nuts and washer (Box of 100)	K-FAS-5/16"x1"REF70
FASTENER - REF 70 Elevator Bucket Bolt 5/16" x 2" complete with nuts and washer (Box of 100)	K-FAS-5/16"x2" REF70
FASTENER - Elevator Oval Back Washer M8 (5/16") (Box of 100)	K-FAS-WASH-5/16M8
FASTENER - Elevator Oval Back Washer M12 (Box of 100)	K-FAS-WASH-M12
FASTENER - Elevator Oval Back Washer 3/8" (Box of 100)	K-FAS-WASH-3/8M10
FASTENER - Elevator Oval Back Washer 1/2" (Box of 100)	K-FAS-WASH-1/2"
FASTENER - Elevator Dome Washer M8 (Box of 100)	K-FAS-M8-DW

| KEY FEATURES | Extensive range available | Includes Euro Bolt with large head diameter | Ref 70 Bolt | Fang Bolt and Easyfit bucket bolts for fast fitting and removal | All available in steel and stainless steel |



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