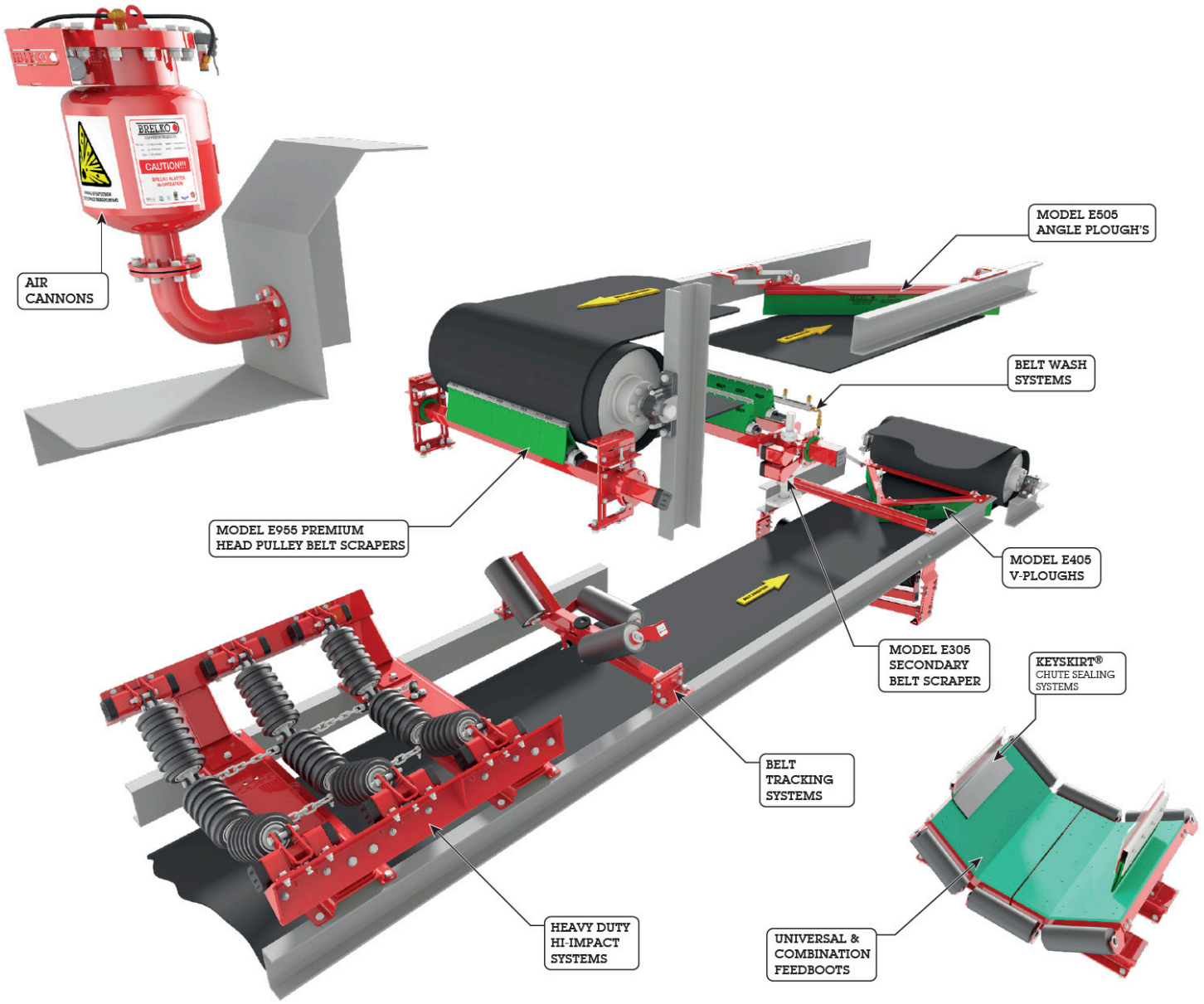
LORBRAND

Lorbrand Belt Cleaners & Accessories

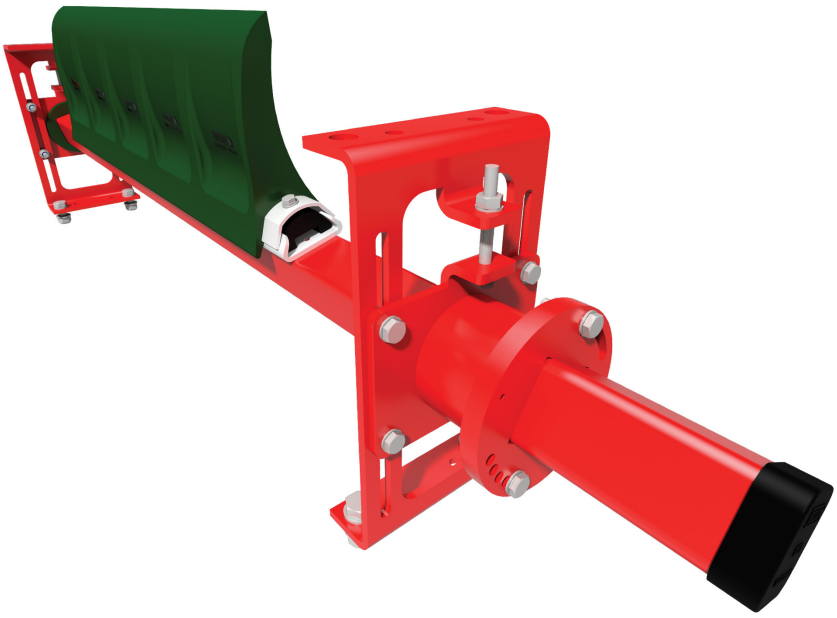


BELT CLEANERS | IMPACT BEDS | FEEDBOOTS

AIR CANONS | TRACKING FRAMES | SKIRTING

E901 HEAD PULLEY BELT SCRAPER

PATENTED



FEATURES

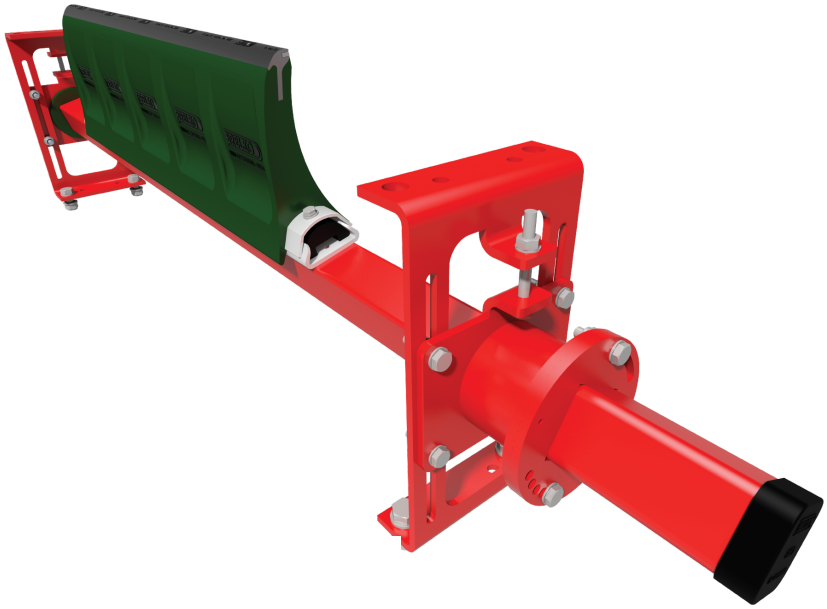
- Adjustable Brelko torsion twist tensioners allow the scraper to maintain a constant pressure on the belt, are self adjusting and allow the scraper to deflect away from any obstruction, as a significant safety feature.
- Specially formulated polymeric blades give maximum life, and keep the possibility of damage to belt repairs, splices and metal fasteners to a minimum.
- Patented V-base blade mounting makes blade changing quick and simple.
- Multi-blade construction allows individual blades to deflect for minor obstructions and adapt to belt profile.
- Streamlined scraper construction prevents material build-up on the scraper.

APPLICATIONS

- As a Head Pulley Scraper, working directly on the head pulley.
- As a Head Pulley Scraper, when wet and sticky materials are conveyed.
- Can be installed where there is not enough space for other scrapers.
- Suitable for all types of conveyor belts and metal fastener systems.

E951 COMPOSITE HEAVY DUTY HEAD PULLEY BELT SCRAPER

PATENTED



FEATURES

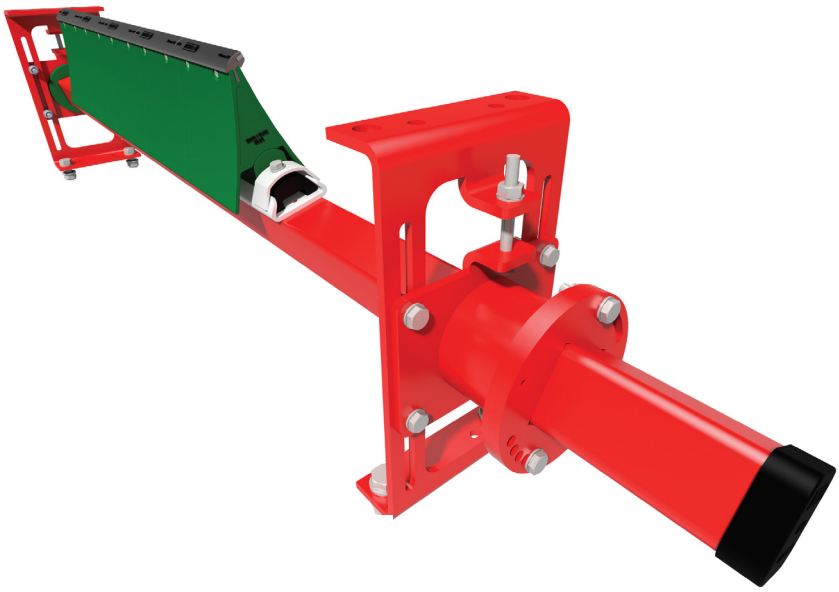
- Ceramic or Tungsten blade holders with Boron Carbide (BC) and Tungsten Carbide (T3) inserts for long life.
- Compact torsion twist tensioners for easy adjustment.
- Chute side mountings for easy adjustment and installation.
- Low friction and heat generation.
- Robust construction for longer life.
- Patented V-base blade mounting makes blade changing quick and simple.
- Specially formulated composite blades give maximum life, and ensure accurate assembly and a clean running scraper.
- Streamlined scraper construction prevents material build-up on the scraper.

APPLICATIONS

- As a Heavy Duty Head Pulley Scraper, working directly on the head pulley.
- Can be used on high speed and steel cord belts.
- Low impact small particle size materials only.
- Suitable for all types of conveyor belts with vulcanized joints.
- Suitable for use in corrosive conditions.
- Used in conjunction with Brelko Secondary Scrapers.

E955 PREMIUM HEAD PULLEY BELT SCRAPER

PATENTED



FEATURES

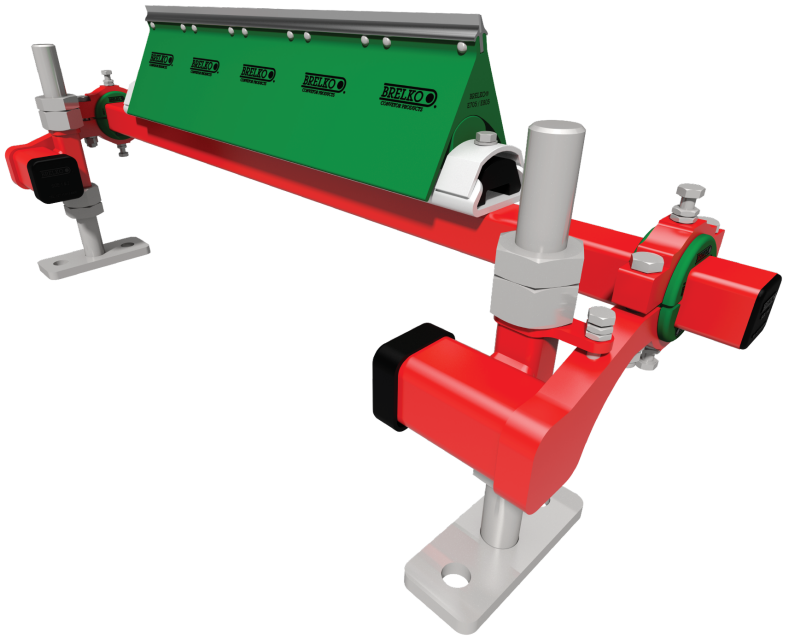
- Adjustable Brelko torsion twist tensioners allow the scraper to maintain a constant pressure on the belt, are
- Self adjusting and allow the scraper to deflect away from any obstruction, as a significant safety feature.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning,and extends belt life.
- Patented V-base torsion holder makes blade changing quick and simple.
- Slide over blade mounting makes blade changing simple.
- Multi-blade construction allows individual blades to deflect for minor obstructions and adapt to belt profile.
- Streamlined scraper construction prevents material build-up on the scraper.

APPLICATIONS

- As a Heavy Duty Head Pulley Scraper, working directly on the head pulley.
- As a Head Pulley Scraper, when wet and sticky materials are conveyed.
- Can be installed where there is not enough space for other scrapers.
- Suitable for all types of conveyor belts with vulcanized joints.

E705 COMPACT SECONDARY BELT SCRAPER

PATENTED



FEATURES

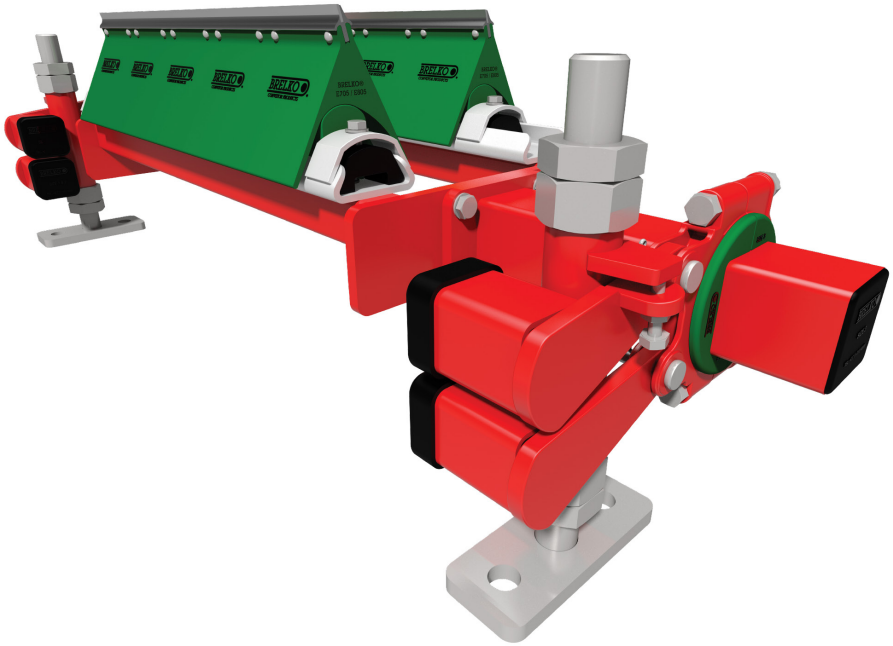
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement thus ensuring uniform and constant blade contact with the belt,irrespective of variations in belt thicknesses and surface conditions.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning, and extends belt life.
- Lightweight polymeric material used for the torsion holder ensures ease of handling, corrosion protection and minimum impact on belt surface after deflection.
- Patented blade torsion holder and blade design incorporating a deflector skirt ensures accurate assembly and a clean running scraper.
- All metal components can be made from corrosion resistant materials.
- Robust construction for longer life.

APPLICATIONS

- Specially designed for easy installation on all belts up to 750mm wide.
- Can be installed where there is not enough space for other scrapers.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the same conveyor and excessive belt movement due to pulley eccentricity, thereby ensuring constant pressure with the belt.
- Selection of correct blade material gives optimum blade life under all operating conditions and conveyed materials.

E805 COMPACT SECONDARY BELT SCRAPER

PATENTED



FEATURES

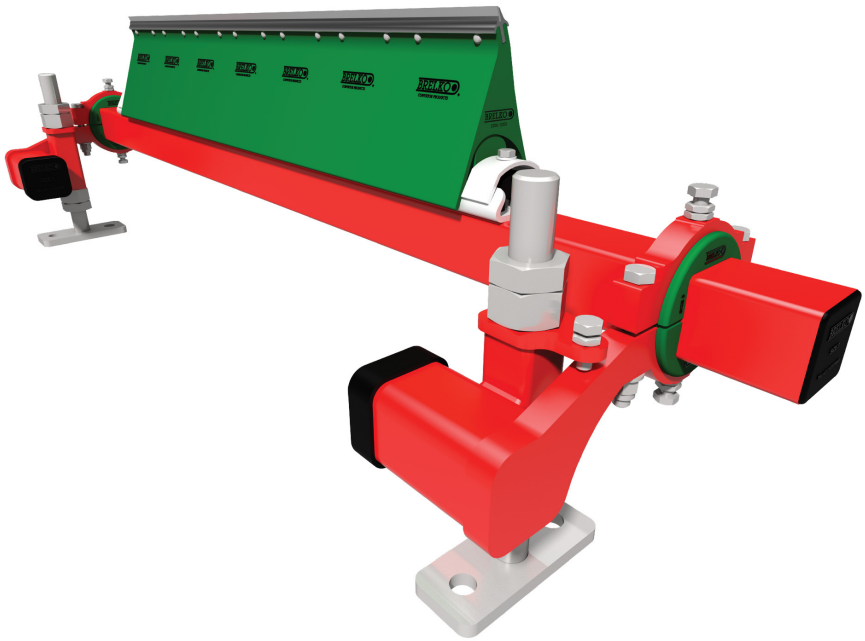
- Positioning of blades in an overlapping configuration ensures that any material passing between the blades of the first row is removed by the second row.
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement thus ensuring uniform and constant blade contact with the belt, irrespective of variations in belt thicknesses and surface conditions.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning, and extends belt life.
- Lightweight polymeric material used for the torsion holder ensures ease of handling, corrosion protection and minimum impact on belt surface after deflection.
- Patented blade torsion holder and blade design incorporating a deflector skirt ensures accurate assembly and a clean running scraper.
- All metal components can be made from corrosion resistant materials.
- Robust construction for longer life.

APPLICATIONS

- Specially designed for easy installation on all belts up to 750mm wide.
- Can be installed where there is not enough space for other scrapers.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the same conveyor and excessive belt movement due to pulley eccentricity, thereby ensuring constant pressure with the belt.
- Selection of correct blade material gives optimum blade life under all operating conditions and conveyed materials.

E205 SECONDARY BELT SCRAPER

PATENTED



FEATURES

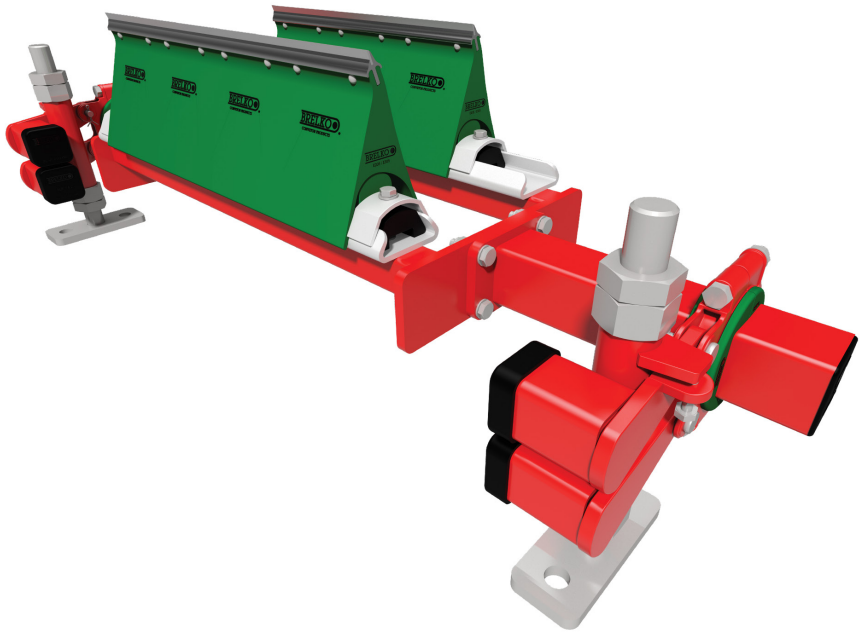
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement thus ensuring uniform and constant blade contact with the belt, irrespective of variations in belt thicknesses and surface conditions.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning, and extends belt life.
- Lightweight polymeric material used for the torsion holder ensures ease of handling, corrosion protection and minimum impact on belt surface after deflection.
- Patented blade torsion holder and blade design incorporating a deflector skirt ensures accurate assembly and a clean running scraper.
- Brelko self adjusting torsion mountings allow the scraper to maintain a constant pressure on the belt and greatly extends adjustment intervals, also available is the standard adjustable mounting.
- All metal components can be made from corrosion resistant materials.
- Robust construction for longer life.

APPLICATIONS

- Universal choice for all normal cleaning applications.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the same conveyor and excessive belt movement due to pulley eccentricity, thereby ensuring constant pressure with the belt.
- Selection of correct blade material gives optimum blade life under all operating conditions and conveyed materials.

E305 SECONDARY BELT SCRAPER

PATENTED



FEATURES

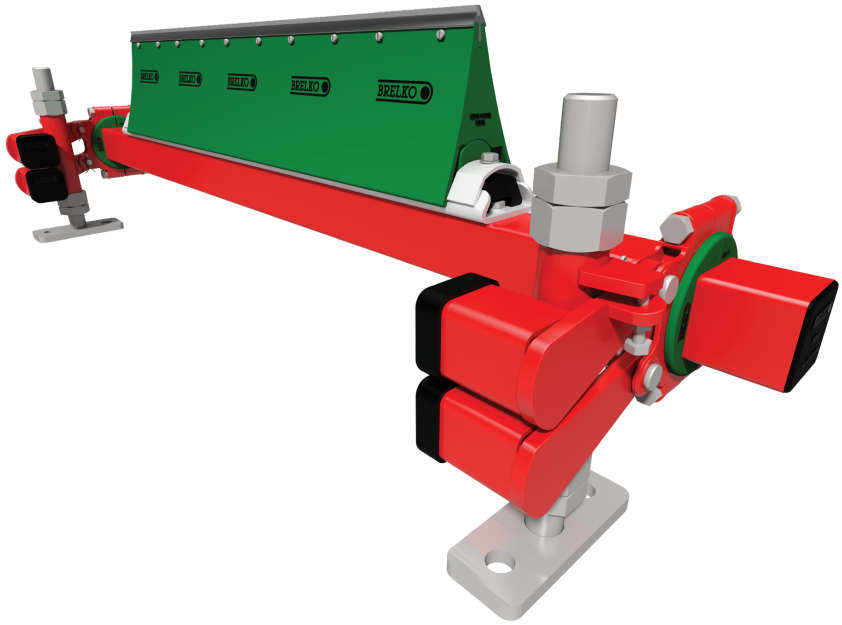
- Positioning of blades in an overlapping configuration ensures that any material passing between the blades of the first row is removed by the second row.
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement thus ensuring uniform and constant blade contact with the belt, irrespective of variations in belt thicknesses and surface conditions.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning, and extends belt life.
- Lightweight polymeric material used for the torsion holder ensures ease of handling, corrosion protection and minimum impact on belt surface after deflection.
- Patented blade torsion holder and blade design incorporating a deflector skirt ensures accurate assembly and a clean running scraper.
- Brelko self adjusting torsion mountings allow the scraper to maintain a constant pressure on the belt and greatly extends adjustment intervals, also available is the standard adjustable mounting.
- All metal components can be made from corrosion resistant materials.
- Robust construction for longer life.

APPLICATIONS

- As a heavy duty Secondary Scraper when wet and sticky materials are conveyed, providing optimum coverage of belt surface and therefore maximum removal of carryback.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the same conveyor and excessive belt movement due to pulley eccentricity, thereby ensuring constant pressure with the belt.
- Selection of correct blade material gives optimum blade life under all operating conditions and conveyed materials.

E255 - PREMIUM SECONDARY HEAVY DUTY BELT SCRAPER

PATENTED



FEATURES

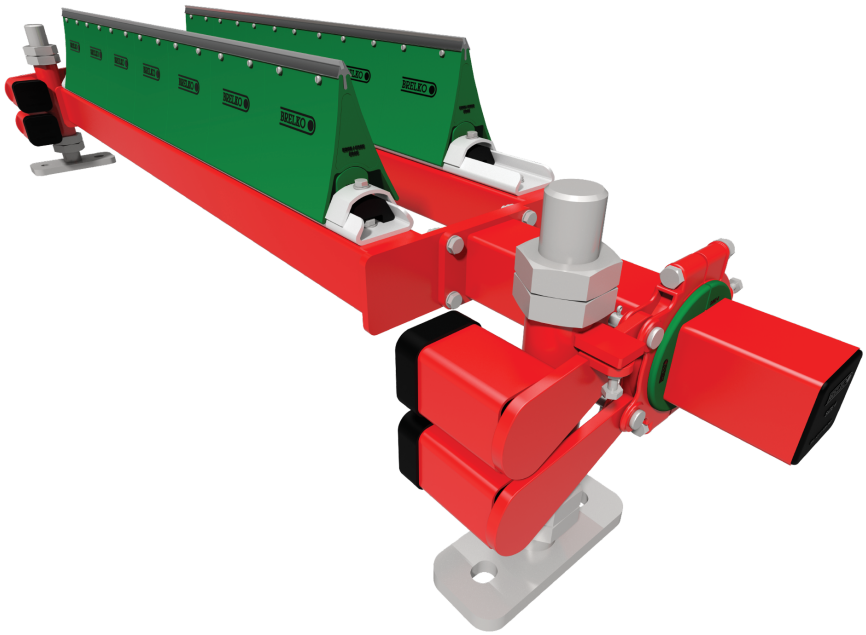
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement thus ensuring uniform and constant blade contact with the belt, irrespective of variations in belt thicknesses and surface conditions.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning, and extends belt life.
- Lightweight polymeric material used for the torsion holder ensures ease of handling, corrosion protection and minimum impact on belt surface after deflection.
- Patented blade torsion holder and blade design incorporating a deflector skirt ensures accurate assembly and a clean running scraper.
- Brelko self adjusting torsion mountings allow the scraper to maintain a constant pressure on the belt and greatly extends adjustment intervals, also available is the standard adjustable mounting.
- All metal components can be made from corrosion resistant materials.
- Robust construction for longer life.

APPLICATIONS

- Universal choice for heavy duty cleaning applications. Specially suited for wider high speed belts.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the same conveyor and excessive belt movement due to pulley eccentricity, thereby ensuring constant pressure with the belt.
- Selection of correct blade material gives optimum blade life under all operating conditions and conveyed materials.

E355 PREMIUM SECONDARY HEAVY DUTY BELT SCRAPER

PATENTED



FEATURES

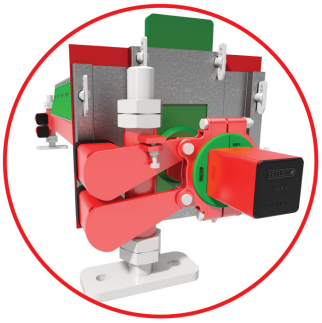
- Positioning of blades in an overlapping configuration ensures that any material passing between the blades of the first row is removed by the second row.
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement thus ensuring uniform and constant blade contact with the belt, irrespective of variations in belt thicknesses and surface conditions.
- Pre-tensioned blades restrict forward movement and reduces belt contact pressure for optimised cleaning, and extends belt life.
- Lightweight polymeric material used for the torsion holder ensures ease of handling, corrosion protection and minimum impact on belt surface after deflection.
- Patented blade torsion holder and blade design incorporating a deflector skirt ensures accurate assembly and a clean running scraper.
- All metal components can be made from corrosion resistant materials.
- Robust construction for longer life.

APPLICATIONS

- As a heavy duty Secondary Scraper when wet and sticky materials are conveyed, providing optimum coverage of belt surface and therefore maximum removal of carryback.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the same conveyor and excessive belt movement due to pulley eccentricity, thereby ensuring constant pressure with the belt.
- Selection of correct blade material gives optimum blade life under all operating conditions and conveyed materials.

CHUTE INSPECTION SEAL

PATENTED



INSTALLATION TYPE

FEATURES

- Robust, cut and abrasion-resistant polyurethane inspection sealing strip.
- Quick release mounting system for easy scraper inspection.
- Available for both single and double row belt scrapers, easy removable inner section to accommodate different belt scraper carrier shaft sizes; one size fits all!.
- Quick and easy installation.

APPLICATIONS

- An effective chute inspection door designed to allow easy access to adjust, clean and inspect belt scrapers as well as controlling material spillage
- Suitable for use on all Brelko Secondary belt scrapers and most conveyor chutes and all conveyor widths.

E405
V-PLOUGH

PATENTED

FEATURES

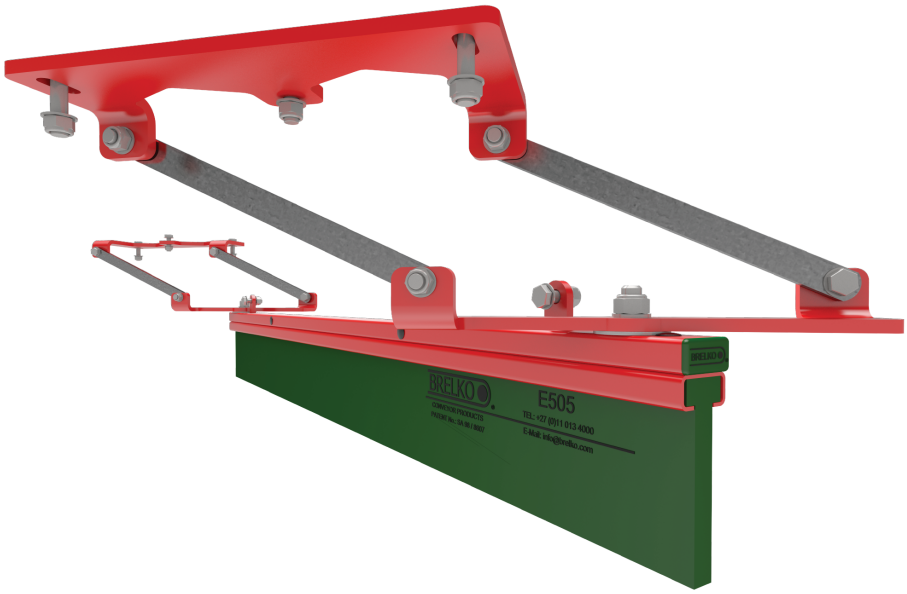
- Unique track mounted scraping blade facilitates very easy and quick blade change.
- Parallel tri-link mounting allows the plough to move freely thus maintaining constant contact with the belt.
- Specially formulated PU blades ensure maximum blade life and minimum belt wear.
- Unique hinged assembly results in compact packaging for easy transport and installation.
- Can be mounted on the top, bottom or inside of the stringers.
- Interlocking blades ensure no blade distortion at leading edge

APPLICATIONS

- The E405 V-Plough is designed to be easily installed in a trailing configuration on the inner surface of a conveyor belt return strand just before any nip position, allowing it to remove and thus prevent any material which has spilled onto the inner surface from being carried into the nip.
- Where material can only be discharged on one side of the conveyor belt or the belt is reversible, use the E505 Angle Plough.

E505
ANGLE PLOUGH

PATENTED



FEATURES

- Unique track mounted scraping blade facilitates very easy and quick blade change.
- Parallel dual-link mounting allows the plough to move freely thus maintaining constant contact with the belt.
- Specially formulated PU blades ensure maximum blade life and minimum belt wear.
- Unique bolted assembly results in compact packaging for easy transport and installation.
- Can be mounted on the top, bottom or inside of the stringers.
- Universal swivel mounting allows the plough to be set to scrape to either side of the belt.

APPLICATIONS

- The E505 Angle Plough is used as an alternative to the E405 V-Plough when the material scraped off the inner belt surface can only be discharged to one side of the belt.
- For use on reversible belts.

BELT TRACKING SYSTEM
3 / 5 ROLL TROUGHING FRAME

PATENTED

FEATURES

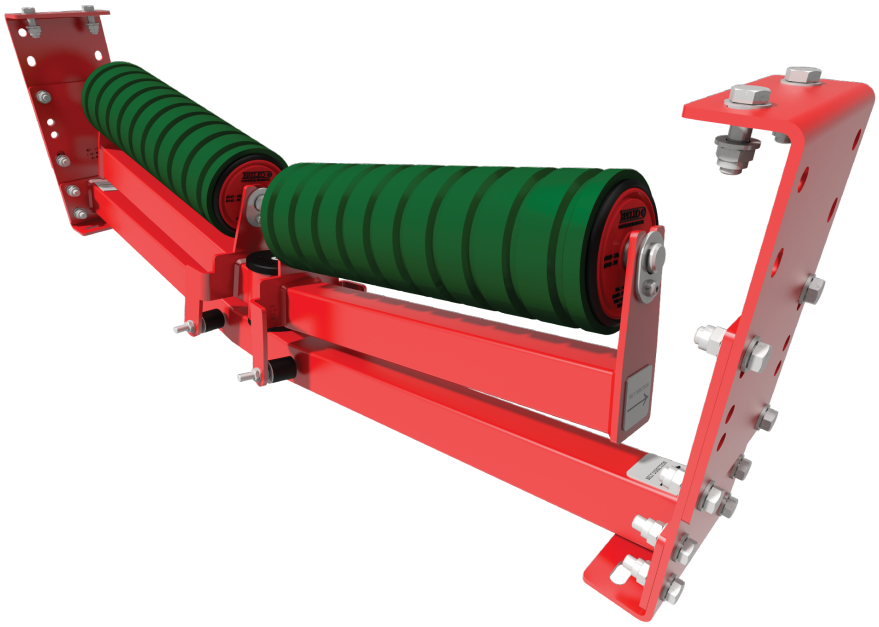
- Easy installation.
- Low maintenance.
- Vibration free rolling action.
- Simple design.
- Operates in all conditions, except on reversing belts.
- Manufactured according to S.A.B.S. standards.
- Fully sealed construction of bearing housing prevents ingress of material into the bearing unit.
- Robust construction for longer life.

APPLICATIONS

- Install the Belt Tracking System on the troughing side of the belt to centralise a misaligned belt, prevent spillage, decrease downtime, decrease maintenance and extend belt life.

BELT TRACKING SYSTEM RETURN FRAME

PATENTED



FEATURES

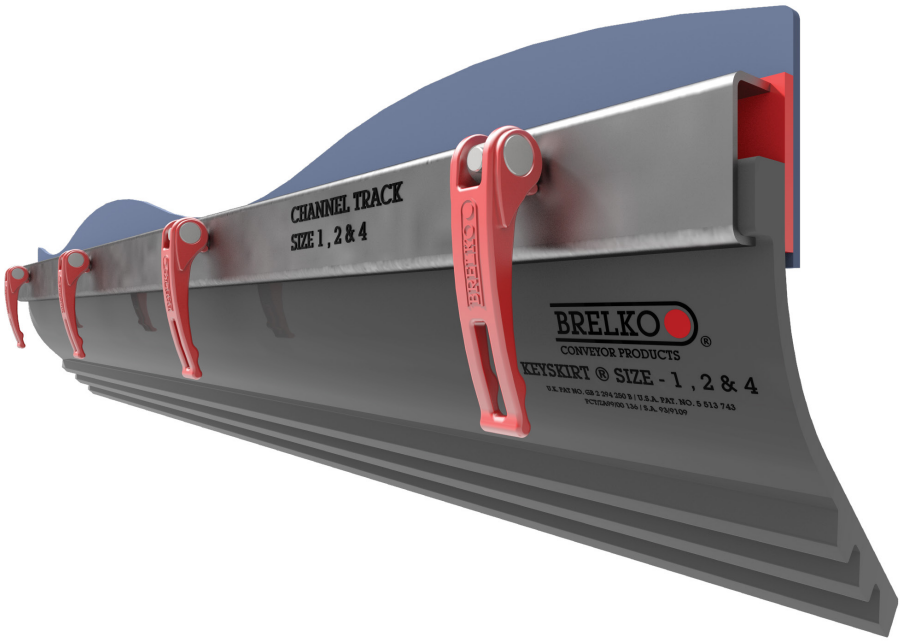
- Easy installation.
- Low maintenance.
- Vibration free rolling action.
- Simple design.
- Operates in all conditions, except on reversing belts.
- Manufactured according to S.A.B.S. standards.
- Fully sealed construction of bearing housing prevents ingress of material into the bearing unit.
- Robust construction for longer life.

APPLICATIONS

- Install the Belt Tracking System on the return side of the belt to centralise a misaligned belt, prevent belt edge damage, prevent structural damage, decrease downtime, decrease maintenance and extend belt life

KEYSKIRT® SIZE 1
CHUTE SEALING SYSTEM

PATENTED



FEATURES

- Patented mounting track system results in simple installation and subsequent skirt rubber replacement.
- Self-cleaning grooves trap spillage allowing it to be carried away by the belt.
- Low contact area reduces wear and friction.
- No adjustment required.
- Continuous flexible seal accommodates belt movement.
- Colour coding for easy skirt grade identification.

APPLICATIONS

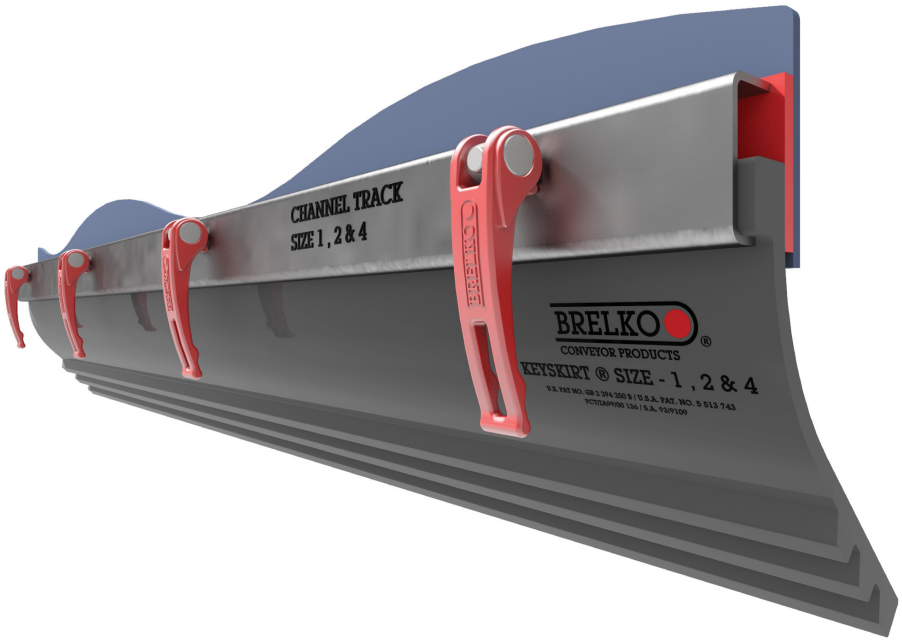
- An effective chute sealing system designed to control spillage at conveyor load areas.
- Suitable for all relatively light belt conveyors carrying material less than 75mm particle size.

GRADES

• Standard -	55SH(A)	
• LHB (Soft) -	40SH(A)	
• Heat Resistant -	55SH(A) -	Fine Material 180°C (356°F) Max
	55SH(A) -	Coarse Material 220°C (428°F) Max
• F.R.A.S.O.R -	55SH(A) -	Fire Retardant, Anti Static & Oil Resistant
• Waste Works -	60SH(A)	
• White Food Grade -	60SH(A) -	Silicone Rubber (FDA Approved)
• Clear Chemical -	60SH(A) -	Polyurethane

KEYSKIRT® SIZE 2
CHUTE SEALING SYSTEM

PATENTED



FEATURES

- Patented mounting track system results in simple installation and subsequent skirt rubber replacement.
- Self-cleaning grooves trap spillage allowing it to be carried away by the belt.
- Low contact area reduces wear and friction.
- No adjustment required.
- Continuous flexible seal accommodates belt movement.
- Colour coding for easy skirt grade identification.
- Boltless option available for corrosive applications.
- Nuts can be replaced with optional quick release handles

APPLICATIONS

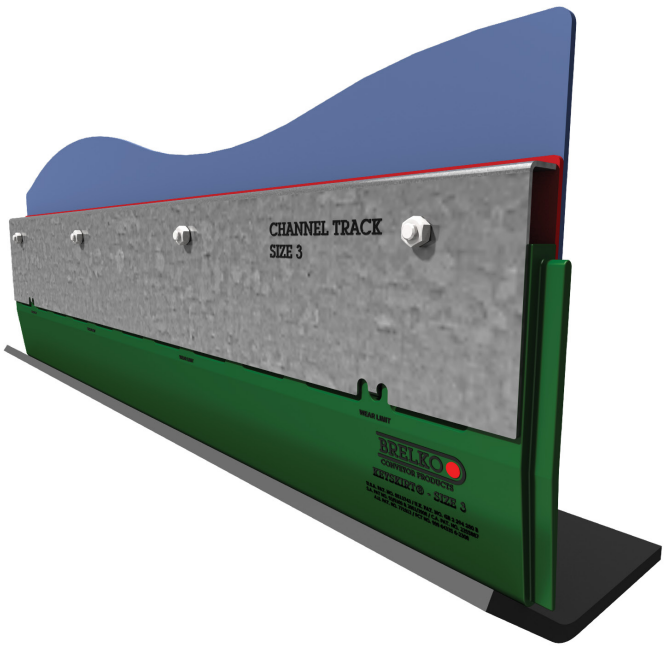
- An effective chute sealing system designed to control spillage at conveyor load areas.
- Suitable for all belt conveyors carrying material less than 75mm particle size.

GRADES

• Standard -	55SH(A)	
• LHB (Soft) -	40SH(A)	
• Heat Resistant -	55SH(A) -	Fine Material 180°C (356°F) Max
	55SH(A) -	Coarse Material 220°C (428°F) Max
• F.R.A.S.O.R -	55SH(A) -	Fire Retardant, Anti Static & Oil Resistant
• Waste Works -	60SH(A)	
• White Food Grade -	60SH(A) -	Silicone Rubber (FDA Approved)
• Clear Chemical -	60SH(A) -	Polyurethane

KEYSKIRT® SIZE 3
CHUTE SEALING SYSTEM

PATENTED



FEATURES

- Robust, cut and abrasion-resistant polyurethane sealing strip.
- Patented mounting system for easy strip replacement.
- Simple mounting allows easy and quick adjustment for sealing strip wear.
- Tongue and groove allows joining of more than one length.

APPLICATIONS

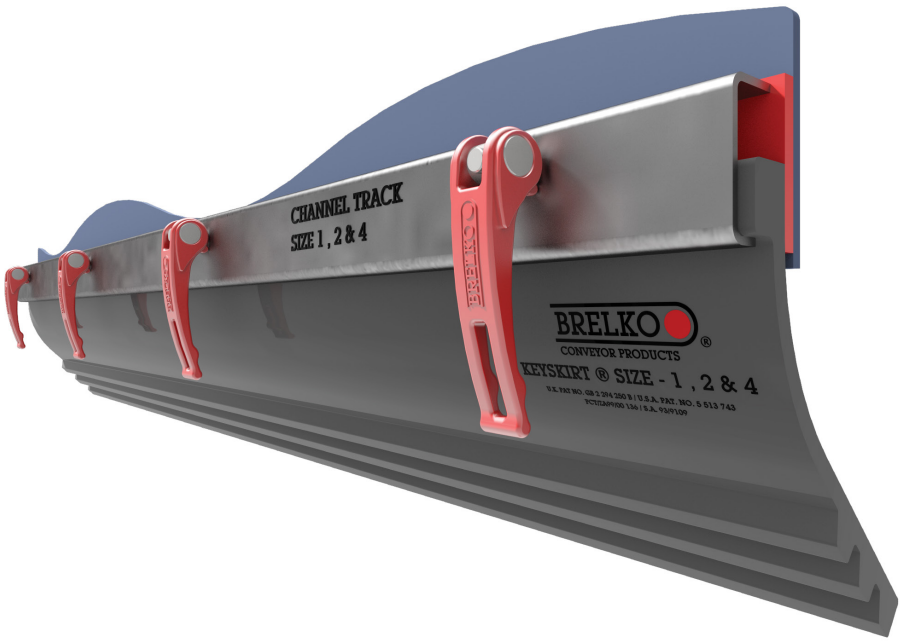
- An effective chute sealing system designed to cope with spillage of large lump material where Size 1, 2 and 4 Keyskirts are liable to severe damage.
- Suitable for lump sizes over 150mm.

POLYURETHANE GRADES

- Standard - 95SH(A)
- Fire Retardant - 95SH(A)

KEYSKIRT® SIZE 4
CHUTE SEALING SYSTEM

PATENTED



FEATURES

- Patented mounting track system results in simple installation and subsequent skirt rubber replacement.
- Self-cleaning grooves trap spillage allowing it to be carried away by the belt.
- Low contact area reduces wear and friction.
- No adjustment required.
- Continuous flexible seal accommodates belt movement.
- Colour coding for easy skirt grade identification.

APPLICATIONS

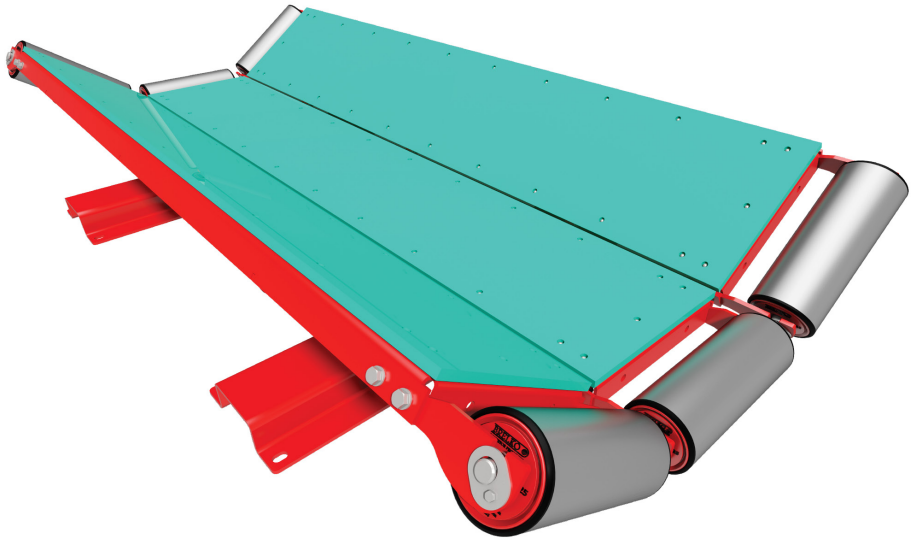
- An effective chute sealing system designed to control spillage at conveyor load areas.
- Suitable for all belt conveyors from 1200mm belt width upwards carrying material less than 75mm particle size.

GRADES

• Standard -	55SH(A)	
• LHB (Soft) -	40SH(A)	
• Heat Resistant -	55SH(A) -	Fine Material 180°C (356°F) Max
	55SH(A) -	Coarse Material 220°C (428°F) Max
• F.R.A.S.O.R -	55SH(A) -	Fire Retardant, Anti Static & Oil Resistant
• Waste Works -	60SH(A)	
• White Food Grade -	60SH(A) -	Silicone Rubber (FDA Approved)
• Clear Chemical -	60SH(A) -	Polyurethane

UNIVERSAL FEEDBOOT

PATENTED



FEATURES

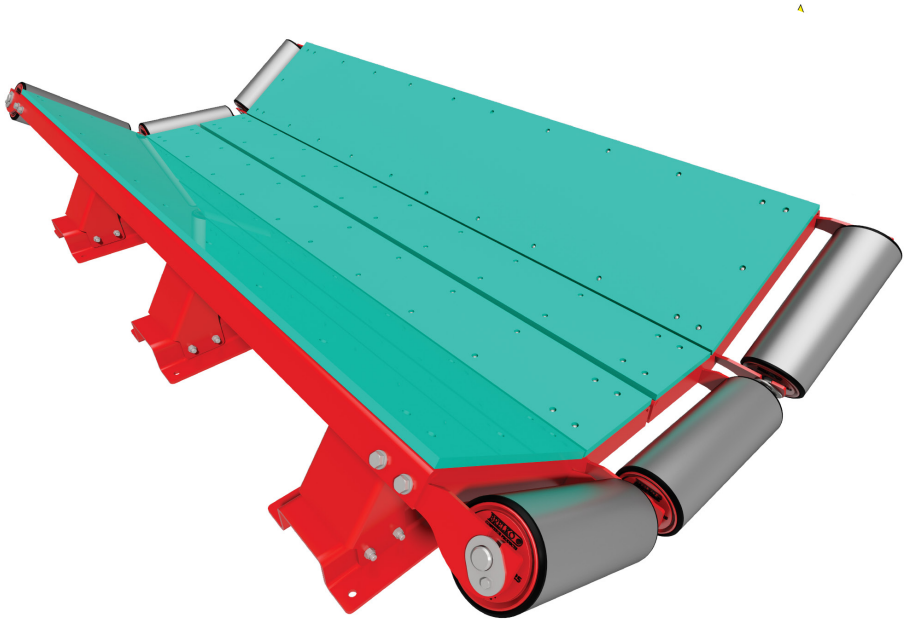
- Flat belt support surfaces eliminate sag between idlers enabling optimum chute sealing design and operation.
- Wing panels can be individually adjusted for optimum conveyor troughing angles from 0° to 60°.
- Accurate belt support allows chutes and seals to be positioned to control and eliminate spillage and dust escape at the load points.
- Sliding surfaces lined with low friction, long life UHMW polyethylene sheets

APPLICATIONS

- A load point belt support system which eliminates conventional conveyor idlers.
- Suitable for all belt conveyors handling bulk solids with a particle size less than 50mm and low impact load conditions.

COMBINATION FEEDBOOT

PATENTED



FEATURES

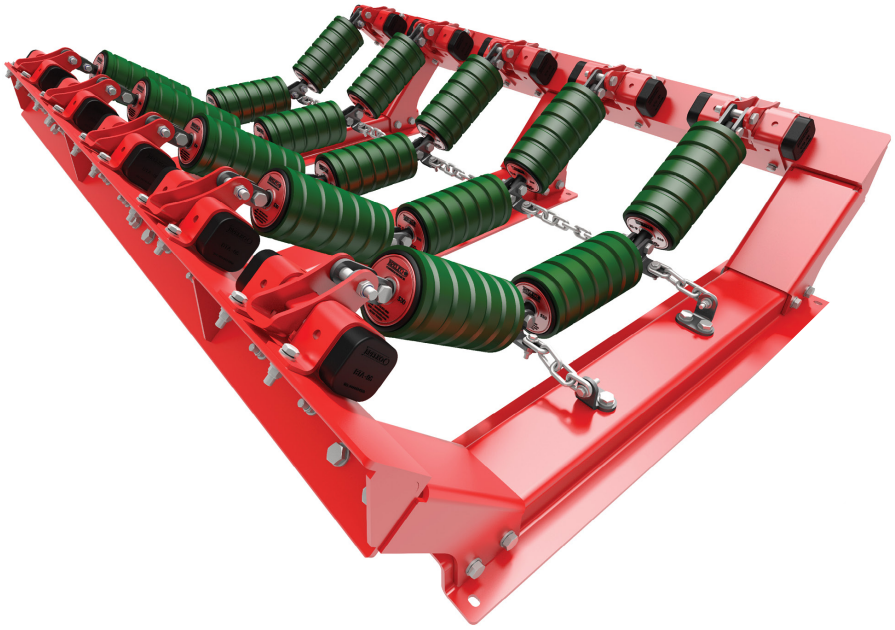
- Flat belt support surfaces eliminate sag between idlers enabling optimum chute sealing design and operation.
- Load point spillage and dust escape is controlled and eliminated.
- Rubber impact cones and mountings allow belt deflection under load in centre area whilst maintaining seal at belt edges.
- Sliding surfaces lined with low friction, long life UHMW polyethylene sheets.

APPLICATIONS

- A load point belt support system providing flat belt supporting surfaces mounted on an impact absorbing structure.
- Suitable for all bulk conveyor systems with medium to severe impact conditions and particles up to 150mm in size
- Replace conventional impact idlers in load area.

HI-IMPACT IDLER SYSTEM

PATENTED



FEATURES

- Unique torsion arm mountings absorb impact loads and are self damping.
- Rubber disc impact rolls help to extend belt life.
- Support frame is available in standard 2000mm length and fitted with 5 strings of idler rolls.
- Support frame is designed to replace existing roller cradles and fixed to conveyor stringers.
- Open construction makes clean up of spillage and roll replacement very easy.
- Garland idler roll arrangement promotes correct belt tracking.

APPLICATIONS

- A load point belt support system designed to offer maximum impact absorbing capabilities.
- Suitable for all belt conveyors where large particle size and severe impact load conditions occur.

Management Systems ISO 9001:2008

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