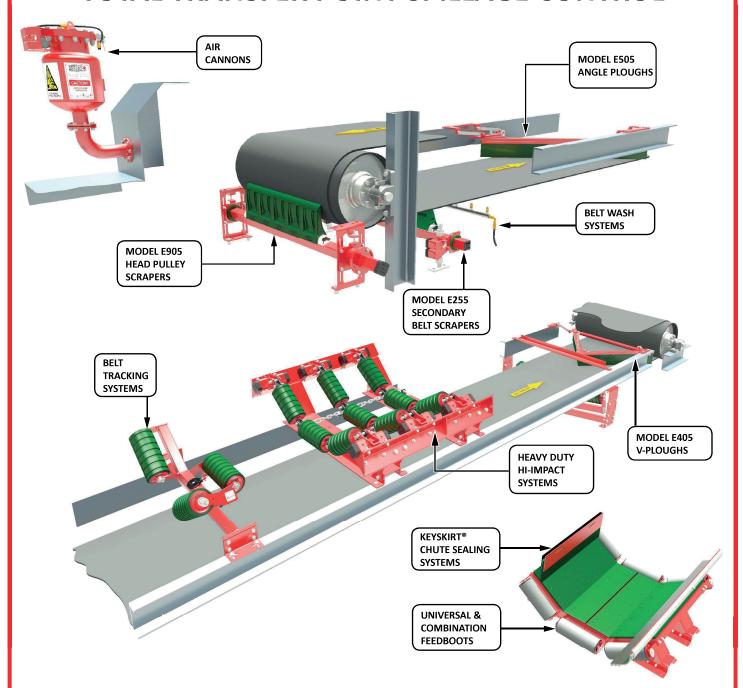




TOTAL TRANSFER POINT SPILLAGE CONTROL



PRODUCT CATALOGUE

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ABOUT US

Brelko* designs and manufactures conveyor belt cleaning equipment for a trouble-free flow of materials at transfer and load points. This is backed up by an installation and maintenance package. We have served as a supplier and advisor on spillage control to the bulk materials handling industry, since 1987 and offer proactive and ongoing maintenance for preventative spillage control and optimum belt cleaning. We are accredited with ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 certifications, and are members of the Institute of Materials Handling and Conveyor Manufacturers Association of South Africa Limited. We have branches in the United Kingdom and the United States, our master distributors in Australia, Chile, Europe, Greece, Mexico, KSA, UAE and agents located in more than 40 countries. The company is accredited with Level 1 B-BBEE status.

PRODUCT RANGE

BRELKO® BELT SCRAPERS:

A complete range of primary and secondary scrapers, V and Angle ploughs. Scrapers feature the patented "V" double arm blade and torsion holder mounting. The system is designed for stability and makes maintenance and blade changing as quick and simple as possible.

BRELKO® CHUTE SEALING SYSTEMS

(KEYSKIRT°):

This patented chute sealing system is available in four sizes, each designed for a specific range of applications.

- **Size 1:** This is a self adjusting flexible skirt sealing strip featuring the patented Brelko® multiple lip seal, designed to be used with smaller conveyor belts. Specially formulated compounds ensure maximum seal life. It's also available in a non-toxic rubber grade with stainless steel mounting track for the food industry. Compounds cover normal industrial, heat resistant, and F.R.A.S.O.R. (Fire Retardant, Anti Static & Oil Resistant).
- **Size 2:** This is a self adjusting flexible skirt sealing strip featuring the patented Brelko® multiple lip seal, designed for rugged transfer applications. Specially formulated compounds ensure maximum seal life. It's also available in a non-toxic rubber grade with stainless steel mounting track for the food industry. Compounds cover normal industrial, heat resistant, and F.R.A.S.O.R. (Fire Retardant, Anti Static & Oil Resistant).
- **Size 3:** A highly abrasion and cut resistant polyurethane sealing strip mounted in the patented Brelko® track system which features simple adjustment to allow for skirt wear. The system is designed to provide optimum containment of large lumpy material and is especially effective when used in conjunction with Brelko® Feedboots. Available in standard & F.R.A.S.O.R. (Fire Retardant, Anti Static & Oil Resistant) polyurethane.
- Size 4: Similar to Size 1&2, but for larger wider belts.

BRELKO® BELT SUPPORT SYSTEMS:

Brelko* Feedboots are designed to be used at load points to support the conveyor belt, preventing belt sag between idler rolls and thereby ensuring maximum skirt sealing and spillage control. UHMW Polyethylene material is used to line the load surfaces and therefore dramatically reducing friction and wear.

UNIVERSAL FEEDBOOT

This model features adjustable wing plates to allow the belt troughing angle to be accurately accommodated, thereby assisting in maintaining correct belt tracking and effective skirt sealing.

COMBINATION FEEDBOOT

This model features load surfaces that have been mounted on rubber spring units allowing deflection under load conditions while still maintaining a form seal line for the skirt system. It is used where variable load conditions with relatively small particles and average impact are encountered.

HI-IMPACT IDLER: (BTA)

This system has been developed to be used in conjunction with garland idlers to absorb large impact loads due to the transfer of very large lumps of material. Mechanical damage to conveyor belting conveyor idlers, cradles and supporting structure are thus greatly reduced or eliminated.

BRELKO® BLOCKAGE REMOVAL and BULK FLOW MAINTENANCE SYSTEMS (Air Cannon's):

Brelko* Air Cannons use the patented Brelko* diaphragm discharge system. The only moving part is a flexible rubber diaphragm which ensures trouble-free operation even in extremely dirty and hostile environments. Used in conjunction with the Brelko* Air Lance discharge nozzle, the build up of fine material in chutes, hoppers etc. can be prevented thus avoiding blockages and flow stoppages.

BRELKO® BELT TRACKING SYSTEMS

Brelko* belt tracking systems, can be installed on the troughing and return side of the belt, to quickly and effectively centralise misaligned belts, prevent belt edge damage, structural damage and spillage, decrease downtime and maintenance.

BRELKO° PRODUCT & SCRAPER ACCESSORIES:

For additional options, including stainless steel mounting components, special paint requirements, drop-over "v-track" mounting options, chute sealing and inspection doors, mounting hardware etc. consult your Brelko* Conveyor Products representative.

BRELKO® CADD DRAWINGS:

Make use of our complete range of product drawings in 2D and 3D format. File formats are DWG or DXF for two dimensional drawings and SAT for 3D models. It significantly reduces design time by direct insertion into existing designs. All product drawings are available on various forms of electronic media.

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BELT SCRAPER SELECTION GUIDE

This is a general belt scraper selection guideline to be used in conjunction with the scraper blade selection guide and the scraper mounting selection guide. Please contact your Brelko* sales representative or technical department for the best selection vs. your application.

			Lege	nd			
-S	Standard Mounted	-Т	Torsion Mount	ted		-TT	Twist Tensioner
	Budget Solution			Ø	Preferred Solu	tion	

							BELT	WIE	TH (mm))					BELT	
	APPLICATION			200	009	750	006	1050	1200	1350	1500	1650	1800	2100	2400		SCRAPER
	BASIC CLEANING - low volume, abrasion, cost e.g. construction, waste paper, unit conveyors etc.		•	•	•	•	•	•	•	•	•	•	•	•	•	Ø	E105-S
1			•	•	•	•	•	•	•	•	•	•	•	•	•	Ø	E905-TT
	PASIC CLEANING page belt curfore		•	•	•	•	•	•	•	•	•	•	•	•	•	Ø	E105-S or T
2	clip joints, higher abrasion, self-adjusting.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Ø	E905-TT
	DRY COARSE MATERIAL - e.g. wood					•	•	•	•	•	•					Ø	E205-S or T
3	chips, gravel, pellets, grain etc.	•	•	•	•	•										V	E705-S or T
4	DRY FINE MATERIAL - e.g. ash, sand, stone, clay, lime, coal, cement, fertilizer, chemicals etc.											•	•	•	•	Ø	2 x E255-S or T
						•	•	•	•	•	•						E205-S or T
	DRY FINE MATERIAL - higher speeds						•	•	•	•	•	•	•	•	•		E255-S or T
		•	•	•	•	•											E705-S or T
					•	•	•	•	•	•	•	•	•	•	•		E952-TT
					•	•	•	•	•	•	•	•	•	•	•		E955-TT
5																	E952-TT +
	(>3m/s)																E205-S or T
						•		•	•	•		•		•	•	☑	E955-TT +
						•				•						<u> </u>	E205-S or T E952-TT
						•	•	•	•	•	•					Ø	E955-TT
						•	•	•	•	•	•					☑	2 x E205-S or T
		•	•	•	•	•	•	•	•	•	•	•	•	•	•		E905-TT
							•	•	•	•	•	•	•	•	•	Ø	E915-TT
	FINE WET MATERIAL - e.g. processed				•	•	•	•	•	•	•	•	•	•	•		E952-TT
6	ore, bottom ash, slurries, waste, concrete,	•	•	•	•	•	•	•	•	•	•	•	•	•	•		E955-TT
	conditioned fly ash etc.															Ø	E952-TT +
																	E705-S or T
		•	•	•	•	•										☑	E955-TT + E705-S or T





BELT SCRAPER SELECTION GUIDE

This is a general belt scraper selection guideline to be used in conjunction with the scraper blade selection guide and the scraper mounting selection guide. Please contact your Brelko® sales representative or technical department for the best selection vs. your application.

			Lege	nd			
-S	Standard Mounted	-T	Torsion Mounted			-TT	Twist Tensioner
	Budget Solution			V	Preferred Solu	tion	

							BELT	WID	TH (mm))					BELT	
APPLICATION			450	200	009	750	006	1050	1200	1350	1500	1650	1800	2100	2400	SCRAPER	
							•	•	•	•	•	•	•	•	•	V	E915-TT
					•	•	•	•	•							Ø	E952-TT + E205-S or T
										•	•	•	•	•	•	Ø	E952-TT + E255-S or T
	STICKY COARSE MATERIAL - low speed belts (<2m/s) e.g. R.O.M., ore, continuous mining, feeder belts, quarries	•	•	•	•	•											E952-TT
	etc.	•	•	•	•	•	•	•	•							Ø	E955-TT + E205-S or T
										•	•	•	•	•	•	Ø	E955-TT + E255-S or T
			•	•	•	•										Ø	E955-TT
						•	•	•	•								E205-S or T
								•	•	•	•	•	•	•	•		E252-S or T
					•	•		•	•							\square	E952-TT + E205-S or T
					•	•	•	•	•	•	•	•	•	•	•	Ø	E952-TT + E255-S or T
8	speed belts (2 to 4m/s)	•	•	•	•	•										V	E952-TT
		•	•	•	•	•	•	•	•							Ø	E955-TT + E205-S or T
										•	•	•	•	•	•	Ø	E955-TT + E255-S or T
		•	•	•	•	•											E955-TT
								•	•	•	•	•	•	•	•		E252-S
								•	•	•	•	•	•	•	•		E255-S
	HIGH SPEED BELTS (+4m/s) or STEEL CORD					•	•	•	•							Ø	E952-TT + 1 or 2 E205-S
		•	•	•	•	•	•	•	•							Ø	E955-TT + 1 or 2 E205-S
10	INSIDE BELT AHEAD OF TAIL PULLEY, TAKE UP AND REMOTE DRIVE			ough ole or		ning t	to on	e side	only	, use	E505	Angl	e Plo	ugh			





SCRAPER BLADE SELECTION GUIDE

1	Polyurethane Low abrasion, high impact, low / medium speed.
2	Chrome Tool Steel Hardened (C10) Corrosive, low abrasion, high impact e.g. clip joints, chemicals, food etc.
3	Tungsten Carbide (TC x 2mm thick) High abrasion e.g. stone, gravel, sand, ore, coal etc.
4	Triplex Tungsten Carbide (T3 x 2mm thick) High abrasion, impact, corrosion e.g. slurry, coke, silica etc.
5	Triplex Tungsten Carbide (T3 x 4mm thick) High abrasion, impact, corrosion / high speed steel cord belts.
6	Boron Carbide (B4C x 4mm thick) High abrasion, low impact, primary & secondary belt scrapers / high speed.

SCRAPER MOUNTING SELECTION GUIDE

	Standard Adjustable Mountings Most common use, low cost. Manual adjustment for blade wear and correct pressure against the belt.
1	Scraper models:
	E105-S, E205-S, E252-S, E255-S and E705-S
2	Torsion Arm Mountings Auto compensating for blade wear, varying belt thickness, ease passage of belt fasteners (clips, suitable for reversing belts, refer to installation guide). Single Arm Scraper models: E105-T, E205-T and E705-T. Parallel Arm Scraper models:
	E155-T, E252-T, and E255-T
3	Torsion Twist Tensioners Torsion Twist Tensioners maintain even blade pressure of primary scrapers against head pulleys. Space saving chute side fixing. Accurate positioning required, not receptive to major belt damage, breakage etc.
	Scraper models: E601-TT, E915-TT, E952-TT and E955-TT.

"The above guidelines are not exhaustive or definitive; please contact us if in any doubt"

Note: Improper selection, installation & maintenance of scrapers could cause serious injuries, plant and equipment damage. Only use trained & qualified personnel for these functions.

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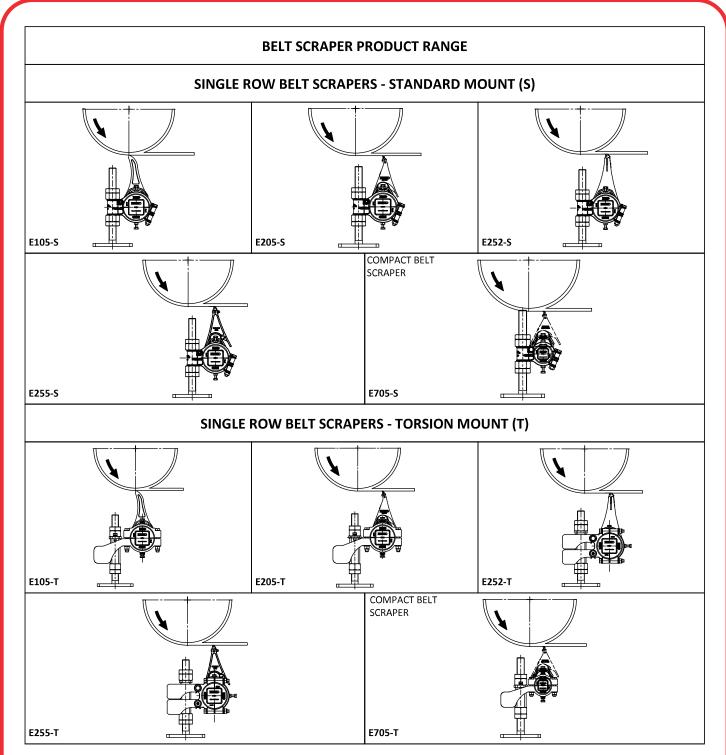
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NOTE:

Only single scrapers shown. Various combinations required for different applications - refer to Belt Scraper selection guide.





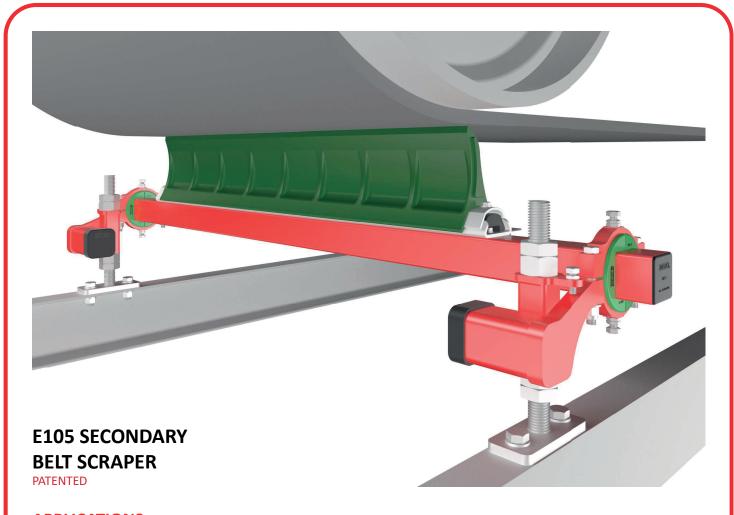
E952-T BELT SCRAPER PRODUCT RANGE SINGLE ROW BELT SCRAPERS - TWIST TENSIONER MOUNT (TT) continued... E915-T E955-T

NOTE

Only single scrapers shown. Various combinations required for different applications - refer to Belt Scraper selection guide.







- As a Primary Scraper, when wet and sticky materials are conveyed.
- May be mounted directly on the head pulley.
- Can be used individually or in tandem as the secondary scraper.
- Suitable for all types of conveyor belts and metal fastener systems.

FEATURES

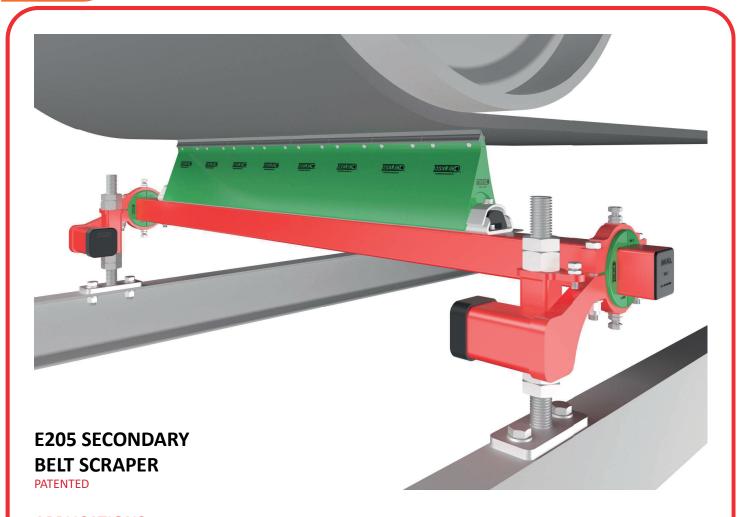
- Specially formulated polymeric blades give maximum life, and keep the possibility of damage to belt repairs, splices and metal fasteners to a minimum.
- Patented blade design ensures optimum combination of flexibility and stiffness to adapt to belt profile.
- Patented V-base blade mounting makes blade changing quick and simple.
- 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.

POLYURETHANE GRADES

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







- 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.

FEATURES

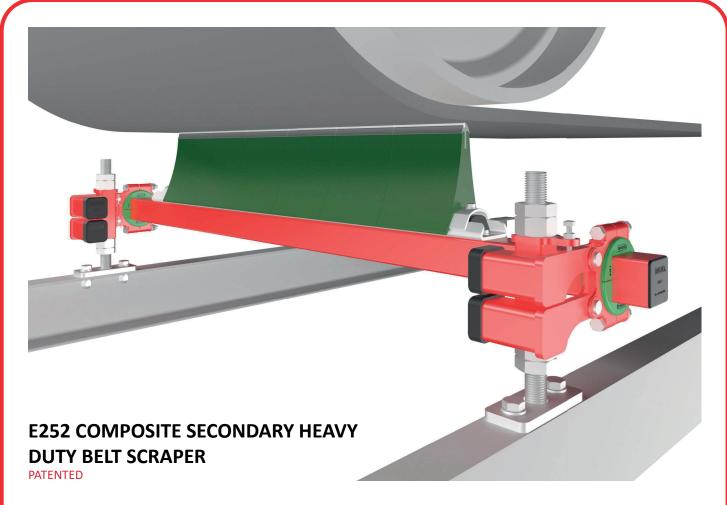
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement 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.

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- As a Heavy Duty Head Pulley Scraper.
- 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.

FEATURES

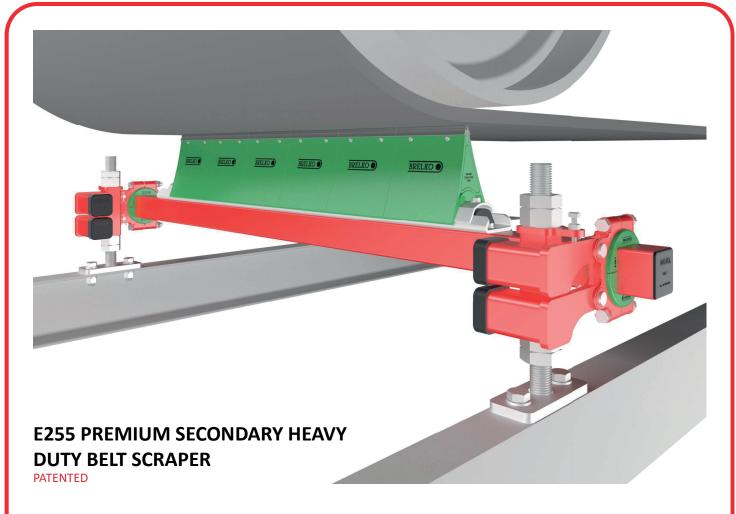
- Patented V-base blade mounting makes blade changing quick and simple.
- Brelko torsion mountings allow the scraper to maintain a constant pressure on the belt and greatly extend adjustment intervals. Also available is the standard adjustable mounting.
- Specially formulated composite blades give maximum life, and ensure 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.

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- 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.

FEATURES

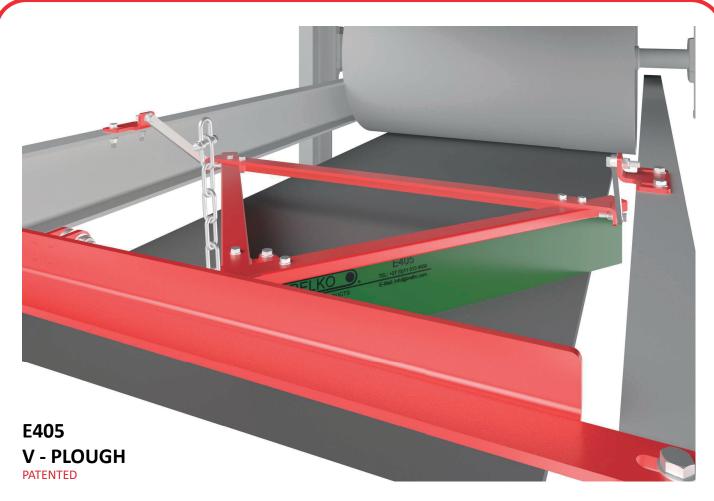
- Patented V-base torsion holder makes blade changing quick and simple.
- Fully sealed construction of torsion holder prevents material build-up or ingress into the spring unit.
- Twin arm design of the torsion holder prevents radial and lateral blade oscillations and only allows longitudinal blade movement 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.

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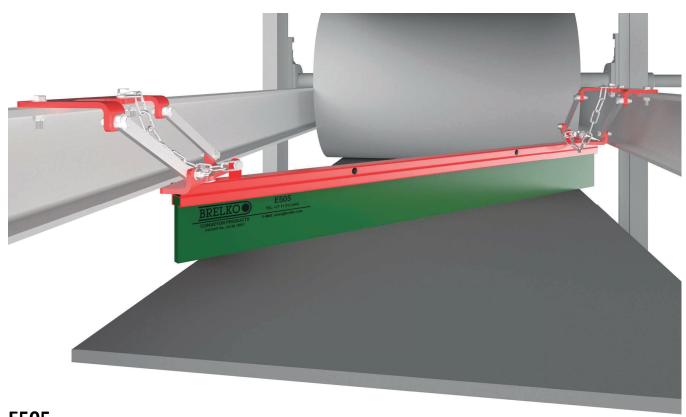
- The E405 V-Plough is designed to be easily installed in a trailing configuration on the inner surface of a conveyor belt return strand just before any nip position, allowing it to remove and thus prevent any material which has spilled onto the inner surface from being carried into the nip.
- Where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

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







E505 ANGLE PLOUGH

PATENTED

APPLICATIONS

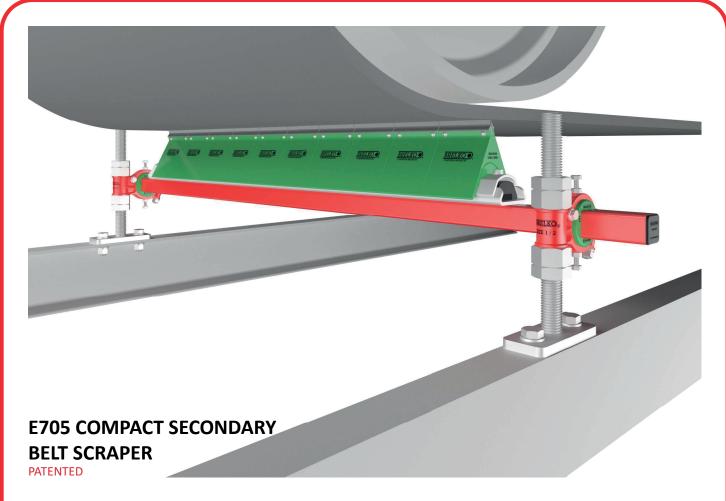
- The E505 Angle Plough is used as an alternative to the E405 V-Plough when the material scraped off the inner belt surface can only be discharged to one side of the belt.
- For use on reversible belts.

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.







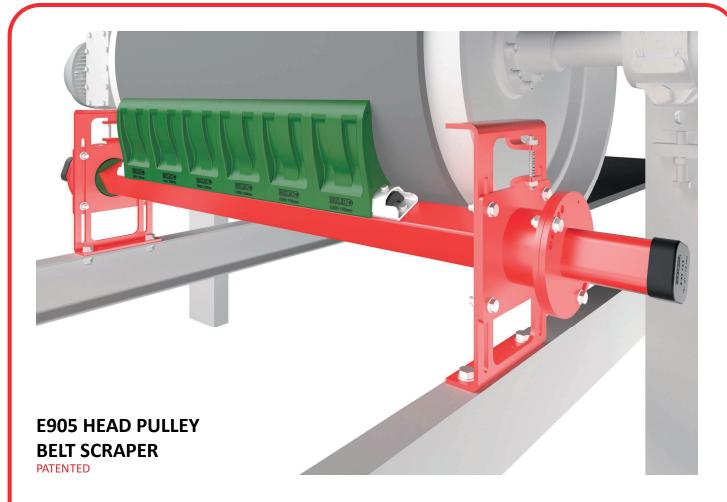
- Specially designed for easy installation on all belts up to 750mm wide.
- Can be installed where there is not enough space for other scrapers.
- Not suitable for mounting directly onto the head pulley.
- Use in conjunction with torsion arm mountings to accommodate different belt thicknesses on the 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.

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.







- 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.

FEATURES

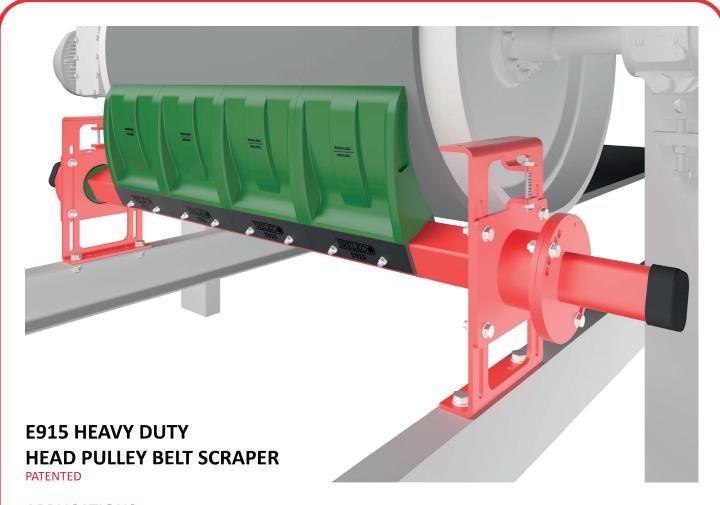
- · Adjustable Brelko torsion twist tensioners allow the scraper to maintain a constant pressure on the belt, are self adjusting and allow the scraper to deflect away from any obstruction, as a significant safety feature.
- Specially formulated polymeric blades give maximum life, and keep the possibility 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.

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- 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 larger pulley diameters and all types of conveyor belts and metal fasteners systems.

FEATURES

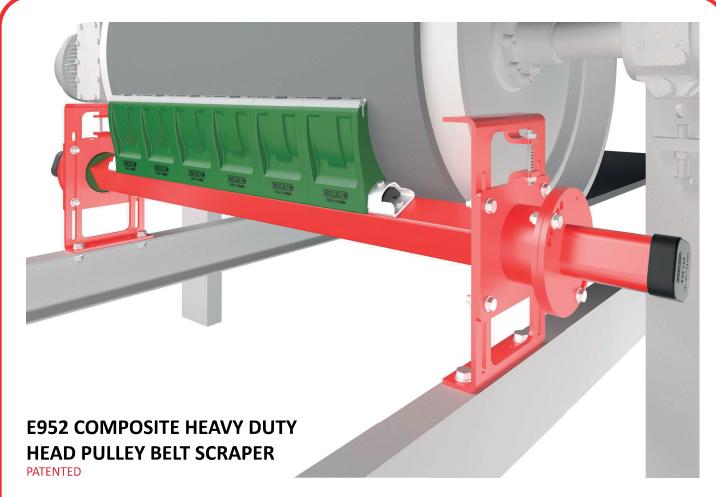
- Adjustable Brelko torsion twist tensioners allow the scraper to maintain a constant pressure on the belt, are self
 adjusting and allow the scraper to deflect away from any obstruction, as a significant safety feature.
- Specially formulated polymeric blades give maximum life, and keep the possibility of damage to belt repairs, splices and metal fasteners to a minimum.
- 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.

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- 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.

FEATURES

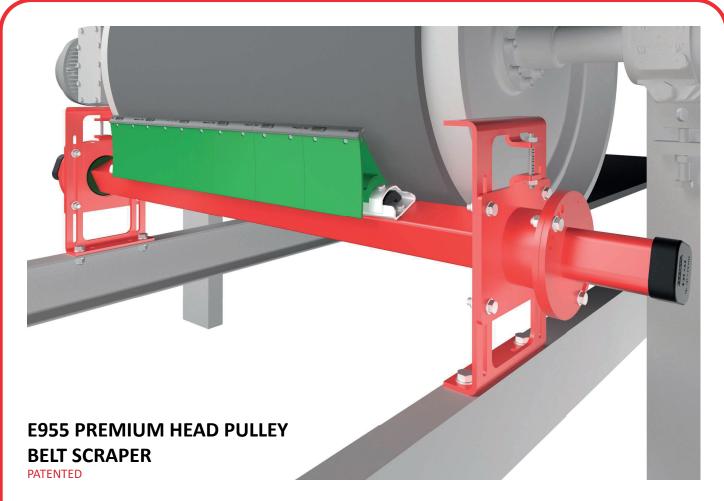
- Ceramic or Tungsten blade holders with Boron Carbide (BC) and Tungsten Carbide (T3) inserts for long life.
- Compact torsion twist tensioners for easy adjustment.
- Chute side mountings for easy adjustment and installation.
- Low friction and heat generation.
- Robust construction for longer life.
- 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.

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- 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.

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.

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GENERAL

Brelko Air Cannons are pneumatic, bulk material flow activating systems that quickly release compressed air into
a storage vessel to restore flow to material that is clinging, bridging, rat holing or arching. This manual provides
instructions for installing Air Cannons.

APPLICATIONS

- Used to remove and prevent blockages and build-up of bulk material in silos, bins, hoppers, chutes etc.
- Resolve bulk flow problems where other methods are expensive, use more energy, damage the storage vessel, are excessively noisy and unreliable.

FEATURES

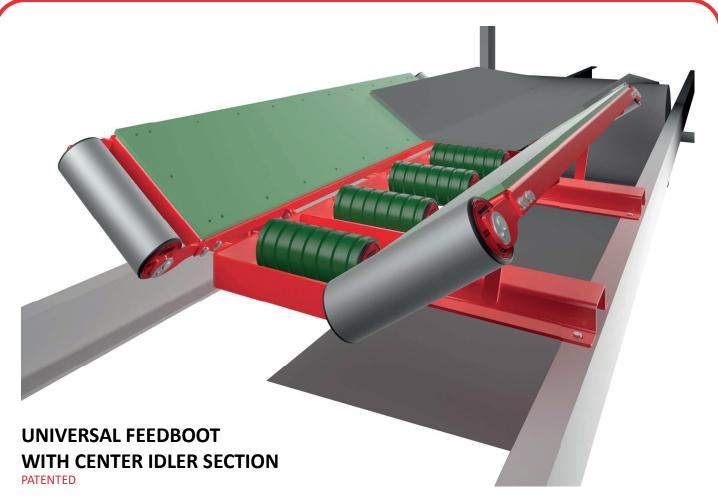
- Unique diaphragm main valve results in extremely rapid operation and therefore more effective size for size.
- Only one moving part.
- Easy maintenance, no need to remove air cannon.
- Safe to operate and maintain.

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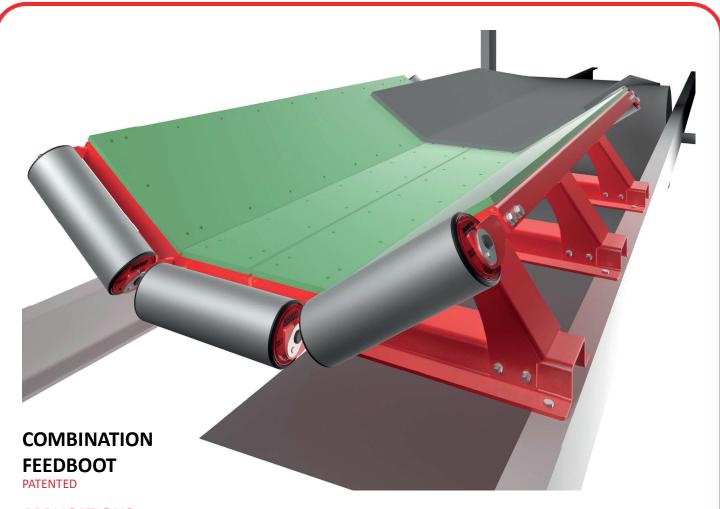
- A load point belt support system which eliminates conventional conveyor idlers.
- Suitable for all belt conveyors handling bulk solids with a particle size less than 50mm and low impact load conditions.

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.







- 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.

FEATURES

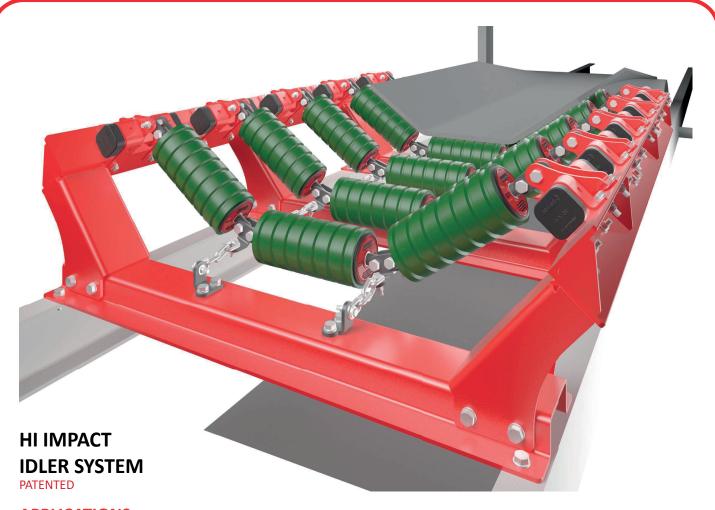
- Flat belt support surfaces eliminate sag between idlers enabling optimum chute sealing design and operation.
- Load point spillage and dust escape is controlled and eliminated.
- Rubber impact cones and mountings allow belt deflection under load in centre area whilst maintaining seal at belt edges.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

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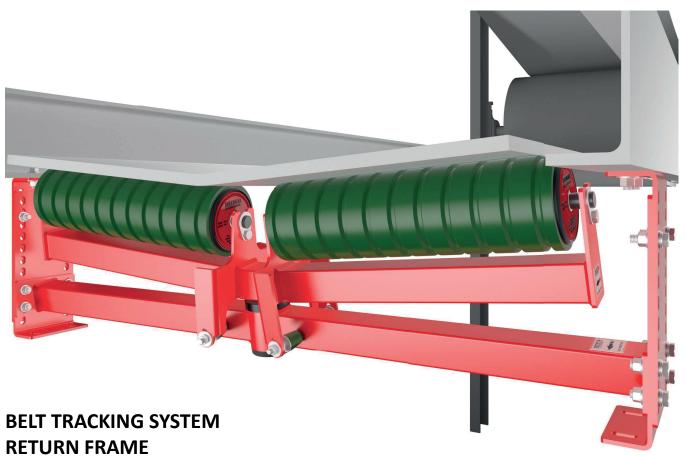
- A load point belt support system designed to offer maximum impact absorbing capabilities.
- Suitable for all belt conveyors where large particle size and severe impact load conditions occur.

FEATURES

- Unique torsion arm mountings absorb impact loads and are self damping.
- Polyurethane impact rolls help to extend belt life.
- Proven polyurethane coated impact rolls, last up to 3 times longer than standard rubber lagged.
- 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.
- Polyurethane idler roll arrangement promotes correct belt tracking.







PATENTED

APPLICATIONS

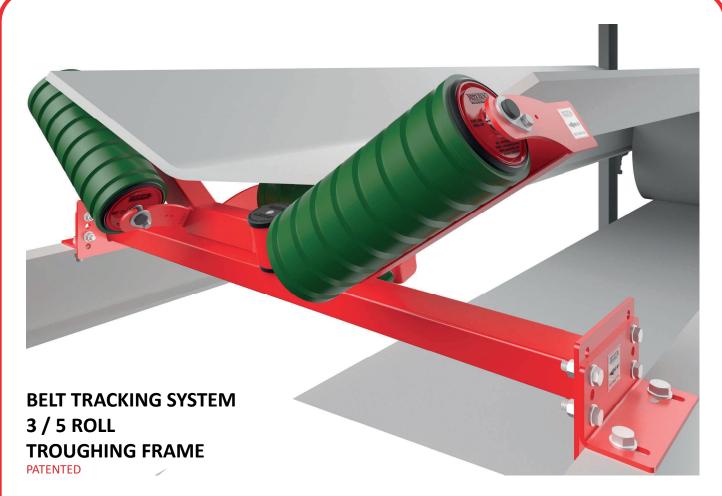
 Install the Belt Tracking System on the return side of the belt to centralise a misaligned belt, prevent belt edge damage, prevent structural damage, decrease downtime, decrease maintenance and extend belt life.

FEATURES

- Easy installation.
- Low maintenance.
- Vibration free rolling action.
- Simple design.
- Operates in all conditions.
- Manufactured according to S.A.B.S. & PROK mounting standards, but can accommodate other standards on request.
- Fully sealed construction of bearing housing prevents ingress of material into the bearing unit.
- Robust construction for longer life.
- Proven polyurethane coated impact rolls, last up to 3 times longer than standard rubber lagged.







• 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.

FEATURES

- Easy installation.
- Low maintenance.
- Vibration free rolling action.
- Simple design.
- Operates in all conditions.
- Manufactured according to S.A.B.S. mounting standards.
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- 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.

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.
- Quick release handles allow quick removal of damaged ot worn skirting without the use of hand tools.

GRADES

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

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- An effective chute sealing system designed to control spillage at conveyor load areas.
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FEATURES

- Patented mounting track system results in simple installation and subsequent skirt rubber replacement.
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- 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.
- Quick release handles allow quick removal of damaged or worn skirting without the use of hand tools.

GRADES

GIVADES		
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

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- 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.

FEATURES

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

POLYURETHANE GRADES

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

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- 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.

FEATURES

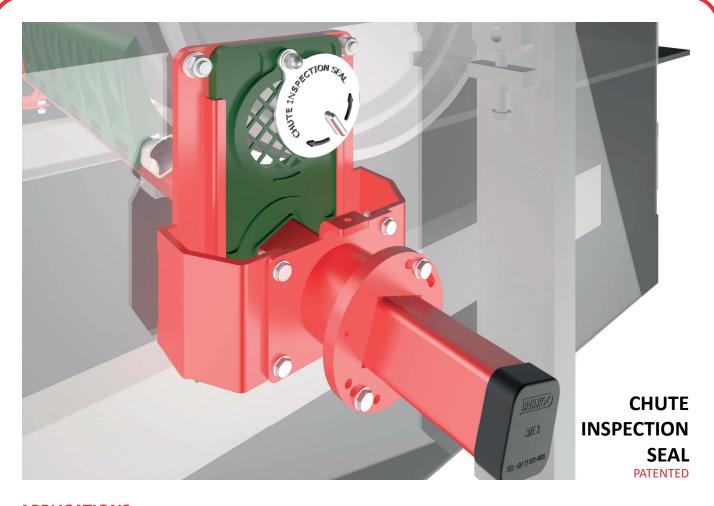
- Patented mounting track system results in simple installation and subsequent skirt rubber replacement.
- Self-cleaning grooves trap spillage allowing it to be carried away by the belt.
- Low contact area reduces wear and friction.
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- Continuous flexible seal accommodates belt movement.
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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







- 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.

FEATURES

- Robust, cut and abrasion-resistant polyurethane inspection sealing skirt.
- 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.





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!!!WARNING!!!

General Safety Procedures

Belt conveyors and their transfer points can be dangerous. By their very nature, they feature many "pinch" points and speeding objects. They apply large amounts of mechanical energy to what is basically a loaded rubber band. Operations and maintenance personnel must always be aware of the power of a conveyor, and they must maintain a healthy respect for its potential to injure or kill an untrained or unwary individual.

General Safety Guidelines

There are certain safety procedures that should be observed regardless of the design of the conveyor or the circumstances of operation.

They include:

- 1. Lock out/tag out all energy sources to conveyor belt, conveyor accessories, and associated process equipment before beginning any work-whether it is construction, installation, maintenance, or inspection in the area. Use a lock with one key for each piece of equipment. Only the person doing the work should hold the key to the lock.
- Employees should be properly trained on the material handling System (including emergency warning signals and emergency stop controls) before they are allowed to work in the area or attempt to install any Brelko® equipment or system.
- Employees and visitors should learn and observe all applicable company, local, state, and federal safety rules. It is recommended that a formal testing program covering the safety rules be conducted annually.
- The recommended operating speed and capacity for the conveyor and chute should not be exceeded. If assistance for product selection is required, please contact your Brelko® representative.
- All tools and work materials should be removed from the belt and chute before restarting a conveyor. A safety "walk around" is recommended prior to conveyor operation, making sure that all nuts and bolts are tightened on all Brelko® equipment or systems installed. Also ensuring that all other items adjusted during installation are tightened, safety guards replaced etc...
- 6. All emergency controls should be close to the system, easy to access, and free of debris and obstructions.
- A hard hat, safety glasses, and steel-toe shoes should be worn when in the area of the conveyor. Loose or bulky clothing should not be allowed.
- Never poke, prod, or reach into a material handling system while it is in operation, to clean or remove foreign objects from the Brelko® equipment or systems installed.

The above guidelines are not intended to replace the safety guidelines of the industrial area, and must be used in conjunction with the industrial area's safety regulations and those supplied by the manufactures of the specific systems.





otes:			





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