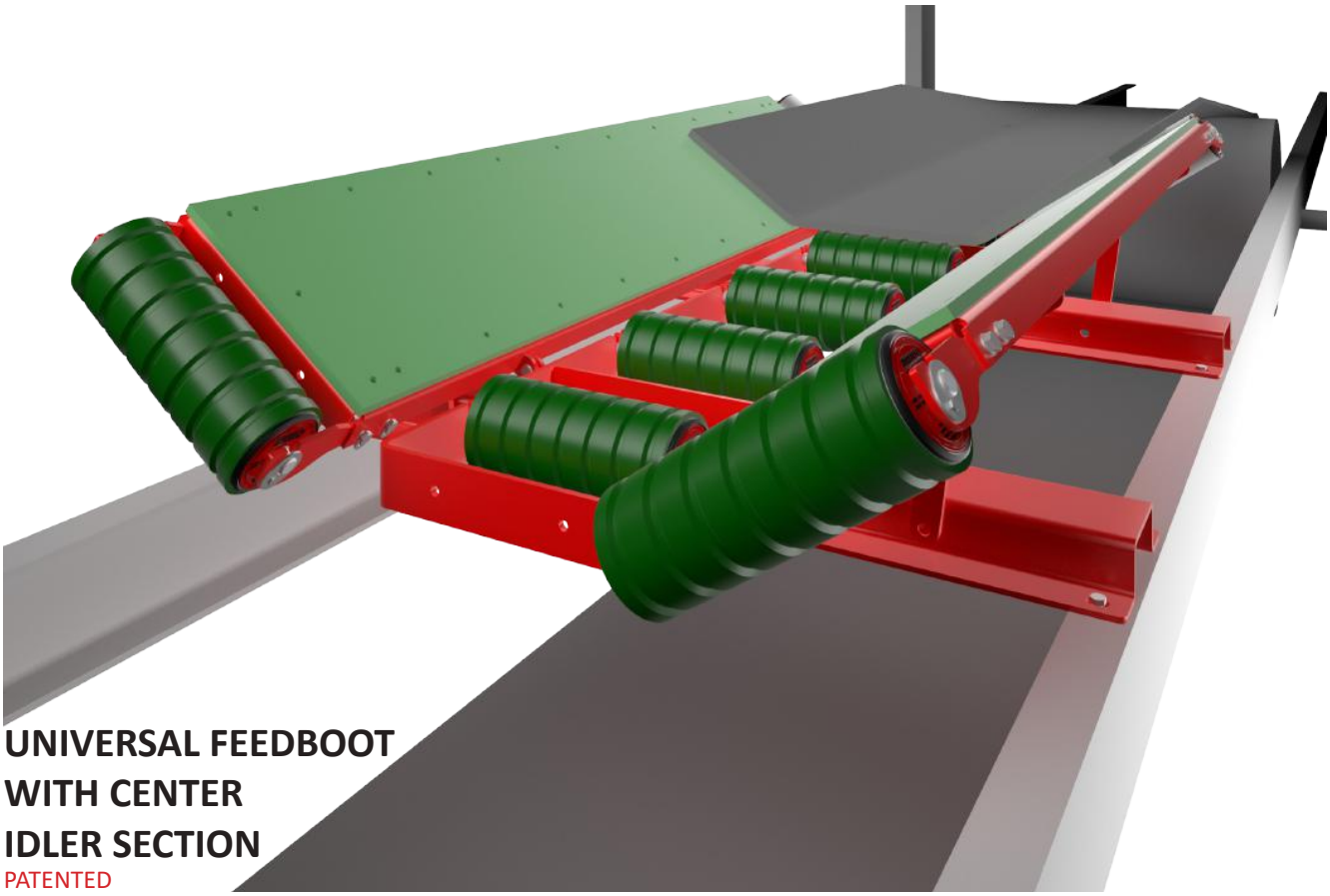
BRELKO®
CONVEYOR PRODUCTS

INSTALLATION, OPERATING & MAINTENANCE MANUAL



UNIVERSAL FEEDBOOT WITH CENTER IDLER SECTION

PATENTED

Project Name	:	.
Project Number	:	.
Order Number	:	.
	:	.
Model Number	:	.
Purchase Date	:	.
Purchased From	:	.
Installation Date	:	.
	:	.

Model number information can be found on the Label found on the scraper carton.
This information will be helpful for any future inquiries or questions about belt scraper replacement parts, specifications or troubleshooting.

P.O. Box 62392 Marshalltown 2107 Tel: +27 11 013 4000 Fax: +27 11 013 4150 E-Mail: sales@brelko.com Web: www.brelko.com

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1. Disclaimer

Brelko conveyor products (Pty) Ltd hereby disclaims any liability for: damage due to contamination of the material; user's failure to inspect, maintain and take reasonable care of the equipment; injuries or damage resulting from use or application of this product contrary to instructions and specifications contained herein. Brelko's liability shall be limited to repair or replacement of equipment shown to be defective.

2. Safety Note

Observe all safety rules given herein along with owner and Government standards and regulations. Know and understand lockout/tag-out procedures as defined by National Standards Institutes, National Standard for Personnel Protection - Lockout/ Tag-out of Energy Sources - Minimum Safety Requirements and Occupational Health and Safety.

3. The following symbols may be used in this manual:

⚠ DANGER	Danger: Immediate hazards that will result in severe personal injury or death.
⚠ WARNING	Warning: Hazards or unsafe practices that could result in personal injury.
⚠ CAUTION	Caution: Hazards or unsafe practices that could result in product or property damages.
Important:	Important: Instructions that must be followed to ensure proper installation/operation of equipment.
Note:	Note: General statements to assist the reader.

4. General Information

Brelko Universal Feedboots are designed to operate with minimum maintenance. However, to maintain superior performance some service is required. When the Universal Feedboot is installed a regular maintenance program should be set up. This program will ensure that the Universal Feedboot operates at optimal efficiency and problems can be identified and fixed before the Universal Feedboot stops working. All safety procedures for inspection of equipment (stationary or operating) must be observed. Universal Feedboots operate at the transfer load point of the conveyor and is in direct contact with the moving belt. Only visual observations can be made while the belt is running. Service tasks can be done only with the conveyor stopped and by observing the correct lockout/Tag-out procedures.

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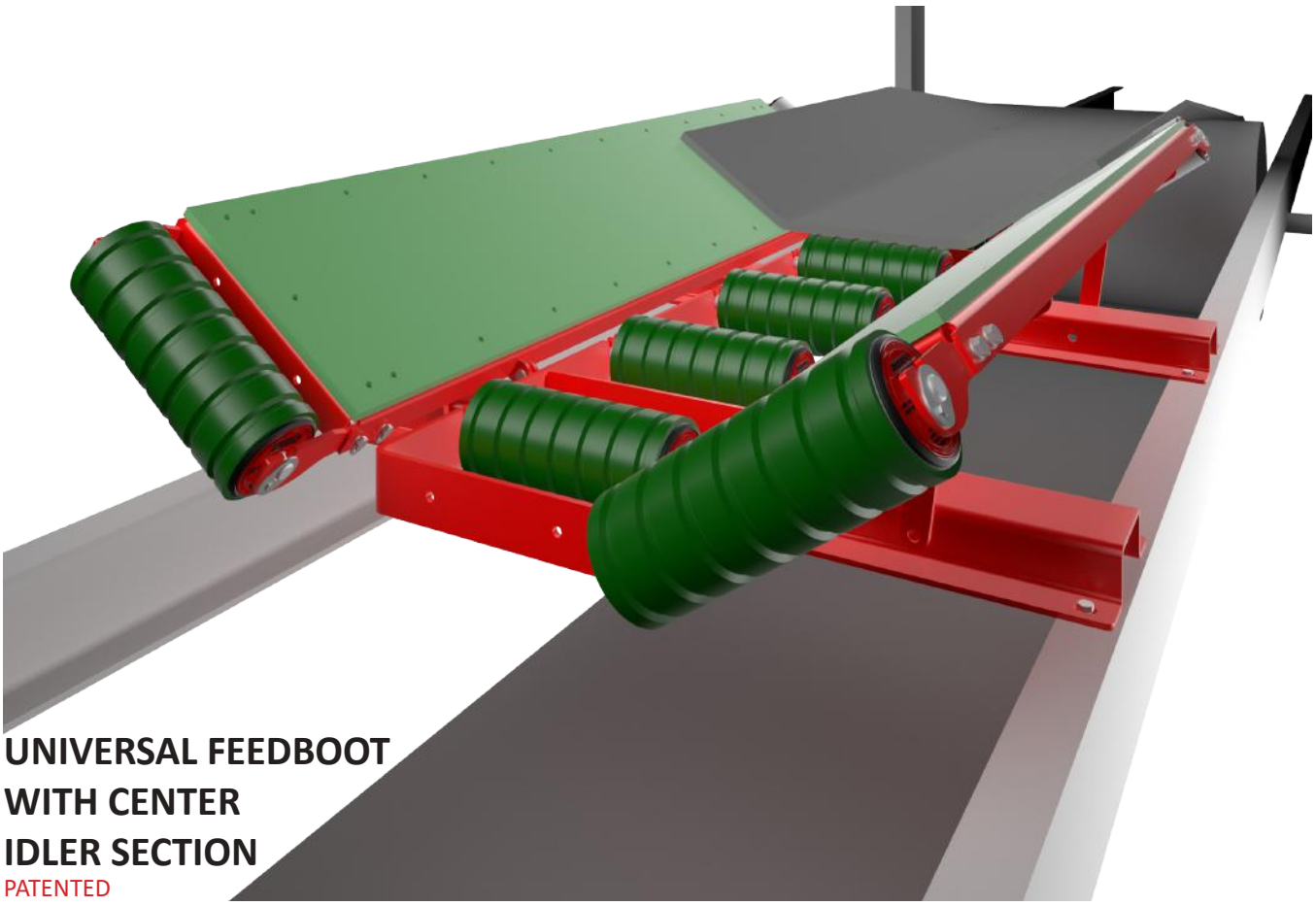

UNIVERSAL FEEDBOOT WITH CENTER IDLER SECTION

PATENTED

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.

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.

POLYURETHANE GRADES

- Standard - 95SH(A)
- Fire Retardant - 95SH(A)
- High Temperature - 95SH(A) - 120°C (248°F) Max

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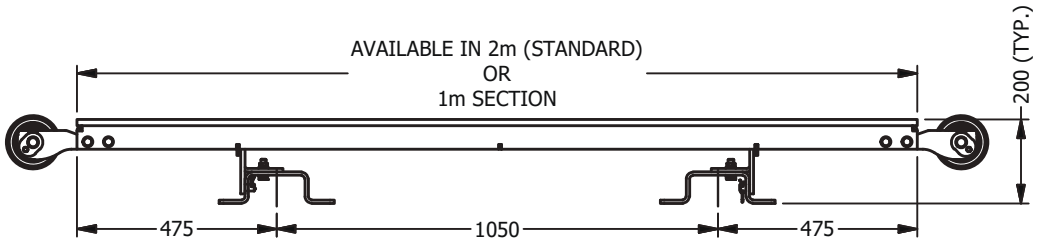
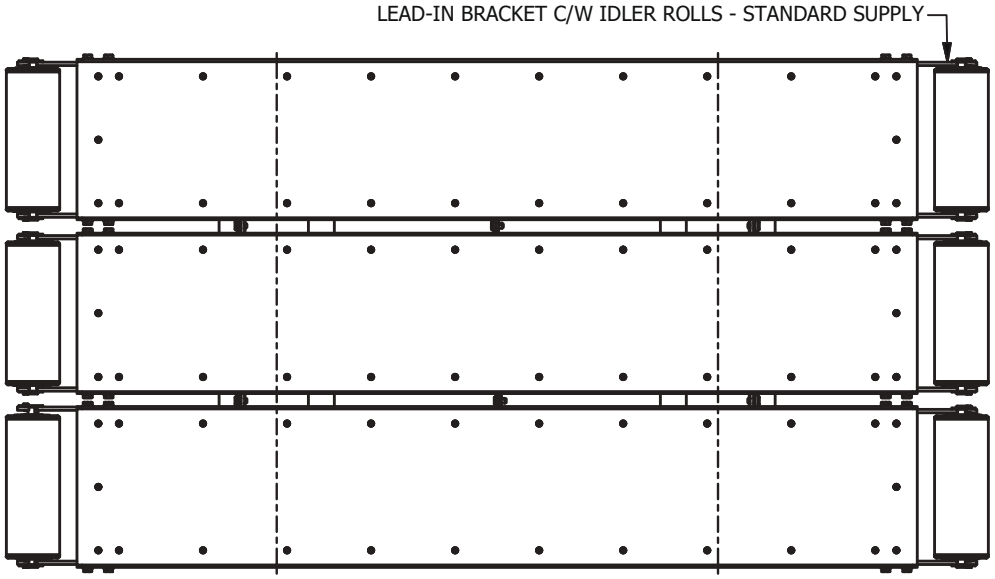
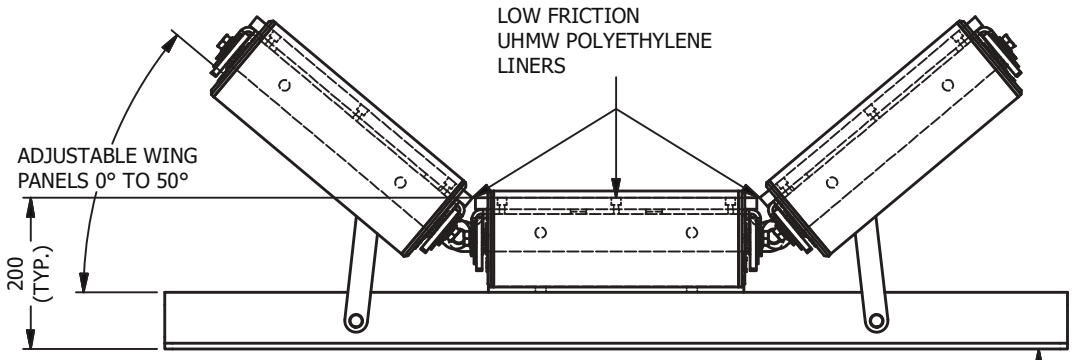
UNIVERSAL FEEDBOOT - LOAD POINT BELT SUPPORT SYSTEM



SIDE VIEW



PLAN VIEW



END VIEW

ALL DIMENSIONS ARE IN mm

ADDITIONAL INFORMATION:
WHERE A NUMBER OF SECTIONS ARE TO BE FITTED IN SERIES, SUCH AS WHEN A BELT HAS MULTIPLE LOAD POINTS, THE CENTRE PANEL CAN BE REPLACED BY A FRAME CARRYING STANDARD CONVEYOR IDLERS. (SEE INSERT ON FIRST PAGE)
FEEDBOOTS SHOULD ALWAYS BE INSTALLED WITH STANDARD CONVEYOR CRADLES AND IDLERS BEFORE AND AFTER THE FEEDBOOT. IF THERE IS NOT ENOUGH SPACE FOR THIS THEN LEAD IN ROLLS AND BRACKETS SHOULD BE FITTED TO THE WING PLATES.

STANDARD CONSTRUCTION & FINISHES FOR BELT WIDTHS FROM 400 TO 2100mm

NOTE: FEATURES & OPTIONS SHOWN:
PLEASE REFER TO DETAILED MANUAL FOR INSTALLATION INSTRUCTIONS, MAINTENANCE & SPARE PARTS

DRW. No. UNI-008
REV. E

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5. Handling

5.1. Receiving the goods

Check that the shipment contains all the items specified on the delivery note. If this does not match the delivery note or if the items show any transportation damage, **list it on the freight bill.** Describe the damage and the number of incorrect or faulty items and **contact your supplier immediately**.

Defective parts should not be used under any circumstances. Claims must be made within 8 days from the arrival of goods. Brelko do not cover claims or exchange of product if installation was not carried out according to installation instructions.

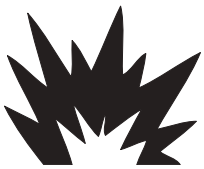
5.2. Work Safety

Always use protective gloves and clothing. Always use a lifeline and soft-sole footwear when work will be carried out on raised platforms. Before you move a scraper or plough, check that it is securely attached to the lifting equipment. Always observe local safety regulations.

⚠ WARNING

Before removing/installing equipment, lock out/tag out energy source to conveyor, and/or conveyor accessories.

Turn off and lock out/tag out energy source according to local standards.



If equipment will be installed in an enclosed area, test gas level or duct content before using a cutting torch or welding. Using a cutting torch or welding in an area with gas or dust may cause an explosion.

If using a cutting torch or welding machine, test atmosphere for gas level or dust content.

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5.3. Handling

When scrapers are unloaded from the transportation vehicle onto customer's platform, place them on boards spaced max 1m apart at a minimum of 5cm from the ground.

5.4. Storage

Scrapers can be stored unpacked or in transportation package. Scrapers must not be stored on top of one another, protect the scrapers by storing them in a cool dry area on a flat surface.

5.5. Preparations for installing Belt Scrapers

Before installation, check all measurements and any of the other geometric design.

5.6. Recommended Tools List

UNIVERSAL FEEDBOOTS	
QTY	**DESCRIPTION**
2	EXTENSION CORD (30m MINIMUM)
1	PORT-A-PACK (OXY-ACETYLENE)
1	FLINT LIGHTER
1	ARC WELDER (INVERTER) 200AMP
1	CHIPPING HAMMER
1	ANGLE GRINDER
1	BABY GRINDER
1	5M TAPE MEASURE
1	NOZZLE CLEANER
1	SHIFTING SPANNER
1 SET	SOCKET SET 8MM TO 32MM
1	SOFT FACE HAMMER
2	SAFETY HARNESS
2	G-CLAMPS
1	JIMMY LEVER
1	TORCH (LED)
1 SET	SCREW DRIVER SET
1	CHALK LINE
1	SCRIBER
1	CENTRE PUNCH
1	HACK SAW
1	STANLEY KNIFE
1	4PD HAMMER
1	ANGLE FINDER

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Recommended Tools List (continued...)

UNIVERSAL FEEDBOOTS	
QTY	**DESCRIPTION**
1	ELECTRIC DRILL
1 SET	ELECTRIC DRILL BITS
1	WELDING HELMET
1	FIRE EXTINGUISHER 9KG
1 SET	WELDING SPATS
1	WELDING APRON
1	FIRE BLANKET
1	SMALL BLUE TOOL BOX
1	MAGNETIC BASE DRILL
1 SET	12, 14, 18 SLUGGER BITS
2	FLAT RING SPANNER 13”
2	FLAT RING SPANNER 17”
2	FLAT RING SPANNER 19”
2	FLAT RING SPANNER 24”
2	FLAT RING SPANNER 30”
1	LONG NOSE PLIERS
1	PLIERS
1	BELT LIFTER
2	1 TON LEVER HOIST
4	1M NYLON SLING
1	POP RIVET GUN

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6. Maintenance

Brelko Universal Feedboots are designed to operate with minimum maintenance. However, to maintain superior performance some service is required. When the Universal Feedboot is installed a regular maintenance program should be set up. This program will ensure that the Universal Feedboot operates at optimal efficiency and problems can be identified and fixed before the Universal Feedboot stops working. All safety procedures for inspection of equipment (stationary or operating) must be observed. The Universal Feedboot operates at the transfer load point of the conveyor and is in direct contact with the moving belt. Only visual observations can be made while the belt is running. Service tasks can be done only with the conveyor stopped and by observing the correct lockout/Tag-out procedures.

6.1. New Installation

After the new Universal Feedboot has run for a few days a visual inspection should be made to ensure the Universal Feedboot is performing properly. Make adjustments as needed.

6.2. Routine Visual Inspection (every 2~4 weeks)

- A visual inspection of the Universal Feedboot and belt can determine:
- That the Universal Feedboot is positioned correctly
- If there is damage to the UHMW polyethylene liners or other Universal Feedboot components.
- Wear on mounting bolts and other Universal Feedboot mounting components.
- If fugitive material is built up on the Universal Feedboot or under the transfer area.
- Is the conveyor belt in full contact with the Universal Feedboot whilst material is being transported, or there is an approximate gap of 10mm between the conveyor belt and the Universal Feedboot liners whilst no material is being transported.
- If there is cover damage to the belt.
- If any of the above conditions exist, a decision should be made on when the conveyor can be stopped for Universal Feedboot maintenance.

6.3. Routine Physical Inspection (every 6~8 weeks)

When the conveyor is not in operation and properly locked and tagged out a physical inspection of the Universal Feedboot to perform the following tasks:

- Clean material build-up off of the Universal Feedboots frame and other components.
- Closely inspect the mounting components for wear and any damage. Replace if needed.
- Check the UHMW polyethylene liners for wear and any damage. Replace if needed.
- Check that the Universal Feedboot is positioned correctly. Reposition if needed.
- Inspect all fasteners for tightness and wear. Tighten or replace as needed.
- Replace any worn or damaged components.

When maintenance tasks are completed, test run the conveyor to ensure the Universal Feedboot is performing properly.

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PARTS LIST - REF. DRW. No.: UNI-009

ITEM No.	ITEM	PART No.
1	UHMW Polyethylene Liner	Specify Belt Width
2	Centre Panel	Specify Belt Width
3	Wing Panel	Specify Belt Width
4	Adjuster Arm	4-1.10
5	Hinge Brackets	4-1.11
6	Lead Roll Bracket	4-L-I-BRK
7	Lead Roll	Specify Belt Width
8	Transom	Specify Belt Width
9	Optional - Roller Centre Frame	Specify Belt Width

NOTE! Always quote belt width.

ASSEMBLY INSTRUCTIONS

1. Referring to the parts list DRW. No.: UNI-009 check that the correct parts and quantities have been supplied for the belt width ordered.
2. Attach wing panels (3) to mounting brackets (5) at hinge points and to the transoms (8), only lightly tighten bolts.
3. Fit centre panel (2) so that slots drop over the bolts on the brackets (5); the optional roller centre frame (9) can also be fitted at this time.
4. Check that the wing panels can pivot freely on their hinges. Attach adjustment arms (4) to wing panels and transoms (8).
5. Tighten all bolts and nuts.
6. Fit optional rollers (7) to roller centre section.
7. Fit optional lead-0in roll brackets (6) and rolls (7) to wing panels.
8. Proceed with installation as per instructions.

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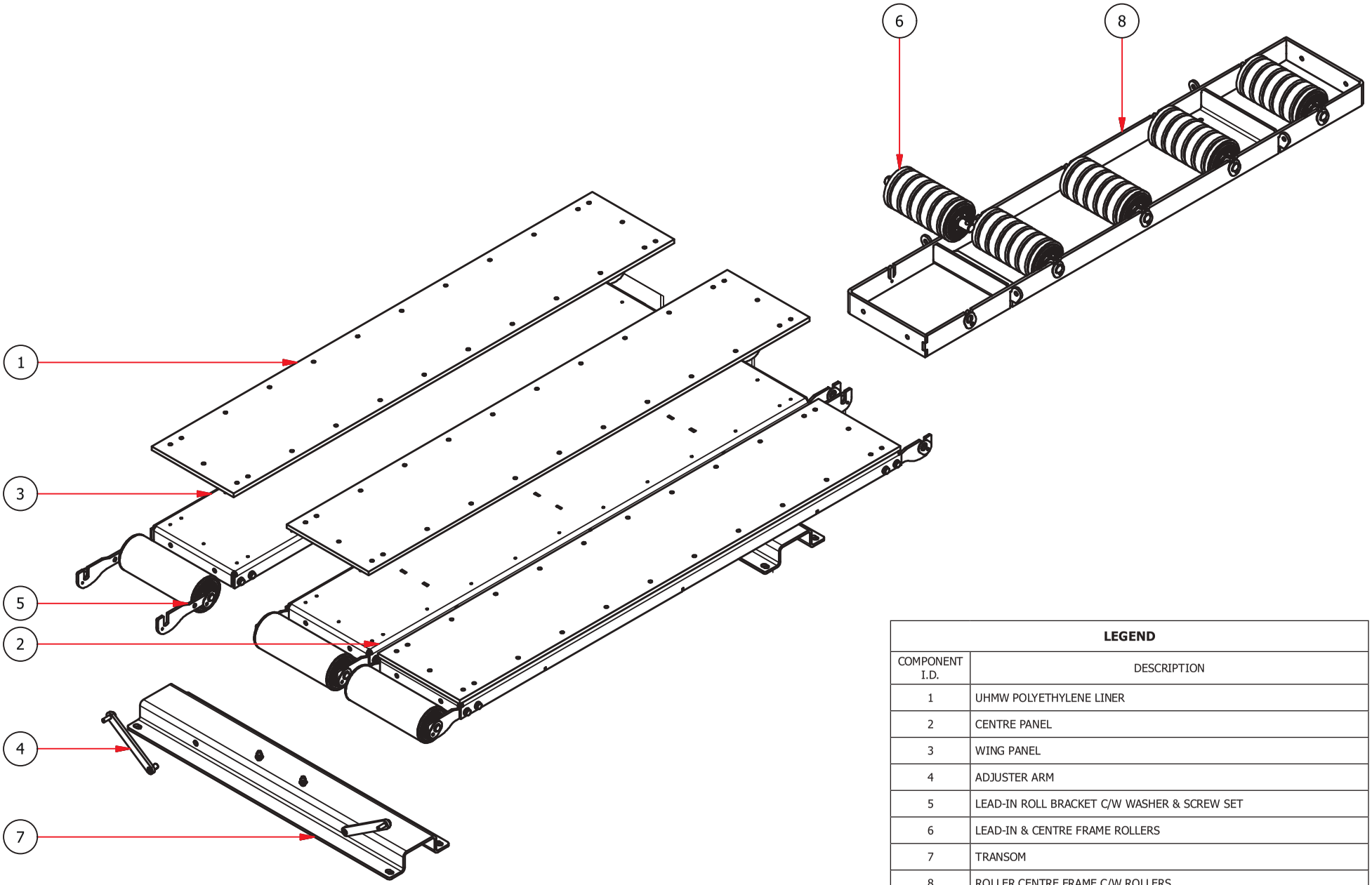
UNIVERSAL FEEDBOOT - LOAD POINT BELT SUPPORT SYSTEM



LEGEND	
COMPONENT I.D.	DESCRIPTION
1	UHMW POLYETHYLENE LINER
2	CENTRE PANEL
3	WING PANEL
4	ADJUSTER ARM
5	LEAD-IN ROLL BRACKET C/W WASHER & SCREW SET
6	LEAD-IN & CENTRE FRAME ROLLERS
7	TRANSOM
8	ROLLER CENTRE FRAME C/W ROLLERS

PARTS LIST: FOR STANDARD SUPPLY

PLEASE SPECIFY BELT WIDTH WHEN ORDERING

DRW. No. UNI-009

REV. E

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INSTALLATION GUIDE - REF. DRW. No.: UNI-010

1. If not assembled refer to assembly instructions and DRW. No.: UNI-009 and check that all necessary parts have been supplied for the belt width ordered.
2. Remove existing idlers and rolls from conveyor structure in the area where the feedboot is to be installed. Align the feedboot to correspond with indicated belt direction.
3. With the feedboot wing panels (3) down, slide the feedboot from one side under the conveyor belt. Larger sizes will require the use of mechanical lifting equipment.
4. Ensure that the feedboot is positioned so that the loading area is approximately in the centre.
5. Accurately align the feedboot in the direction of the belt travel.
6. Check that the centre of the feedboot is± 5-20mm lower than the bottom of the belt line. If not add spacers under the transom (8) ends to raise the feedboot. If it needs to be lowered then the ends of the transoms need to be notched and the hold down brackets refitted and welded.
7. Raise the wing panels (3) to the required troughing angle and tighten the support struts.
8. Check that the idlers immediately behind and ahead of the feedboot adequately bend and align the conveyor belt. If not then fit the optional lead in rolls (7) and brackets (6) to the ends of the feedboot.
9. When satisfied that the alignment is correct, bolt down the feedboot to the conveyor stringers.
10. Check that the chute skirting is in correct contact with the belt, or preferably fit Brelko Keyskirt to provide a good sealing arrangement.

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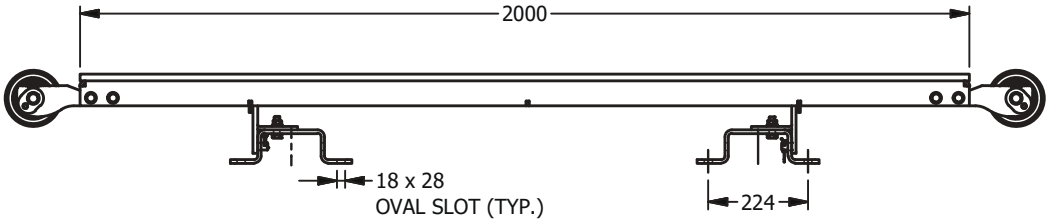
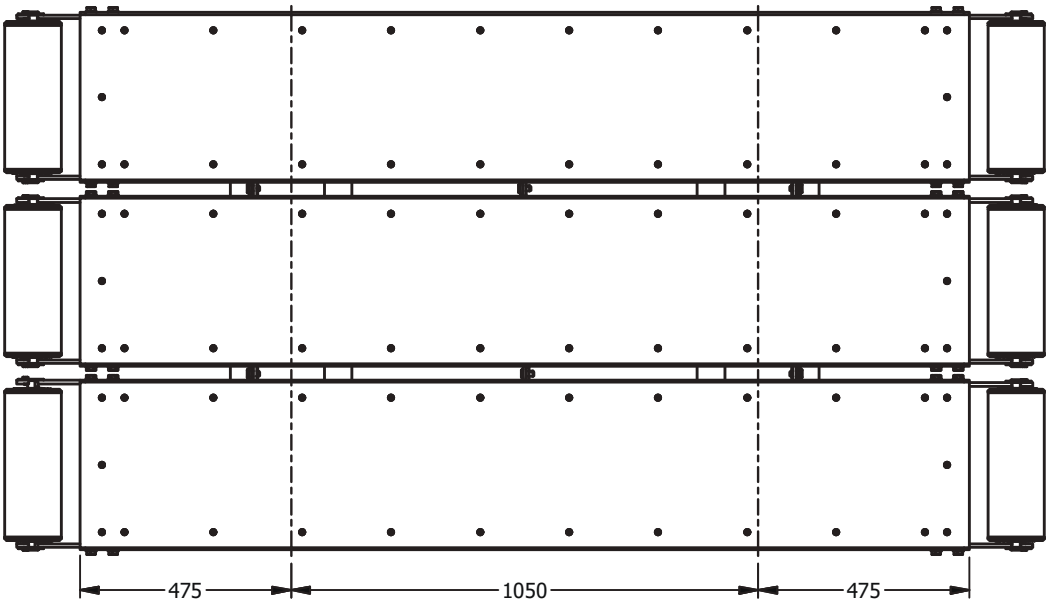
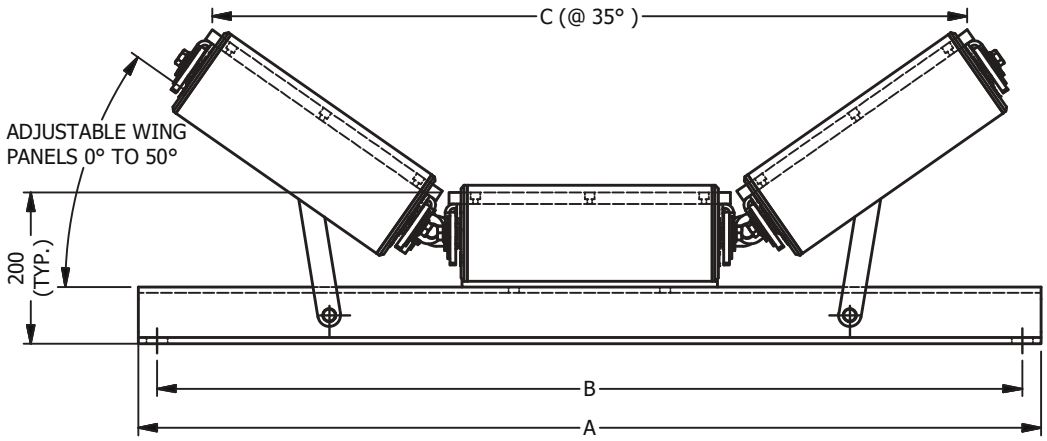
UNIVERSAL FEEDBOOT - LOAD POINT BELT SUPPORT SYSTEM



SIDE VIEW



PLAN VIEW



END VIEW

DIMENSION TABLE (mm)													
BELT WIDTH	400	450	500	600	750	900	1050	1200	1350	1500	1650	1800	2100
A	714	766	816	918	1070	1224	1376	1528	1680	1832	1984	2138	2442
B	634	686	736	838	990	1144	1296	1448	1600	1752	1904	2058	2362
C (AT 35)	569	622	648	754	886	1039	1171	1329	1490	1624	1779	1909	2182

STANDARD CONSTRUCTION & FINISHES FOR BELT WIDTHS FROM 400 TO 2100mm

NOTE: FEATURES & OPTIONS SHOWN:
PLEASE REFER TO DETAILED MANUAL FOR INSTALLATION INSTRUCTIONS, MAINTENANCE & SPARE PARTS

DRW. No. UNI-010
REV. E

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7. Procedure for Replacing/Repairing Universal Feedboots

Repair/replace Universal Feedboot components when, general maintenance tasks are preformed. Universal Feedboot damage due to over loading, blocked chutes etc.

7.1. Request permit to work from an authorised person, who will isolate and lock out the belt.

7.2. Remove existing idlers and rolls from conveyor structure in the area where the feedboot is to be installed. Align the feedboot to correspond with indicated belt direction.

7.3. With the feedboot wing panels (3) down, slide the feedboot from one side under the conveyor belt. Larger sizes will require the use of mechanical lifting equipment.

7.4. Ensure that the feedboot is positioned so that the loading area is approximately in the centre.

7.5. Accurately align the feedboot in the direction of the belt travel.

7.6. Check that the centre of the feedboot is± 5-20mm lower than the bottom of the belt line. If not add spacers under the transom (8) ends to raise the feedboot. If it needs to be lowered then the ends of the transoms need to be notched and the hold down brackets refitted and welded.

7.7. Raise the wing panels (3) to the required troughing angle and tighten the support struts.

7.8. Check that the idlers immediately behind and ahead of the feedboot adequately bend and align the conveyor belt. If not then fit the optional lead in rolls (7) and brackets (6) to the ends of the feedboot.

7.9. When satisfied that the alignment is correct, bolt down the feedboot to the conveyor stringers.

7.10. Check that the chute skirting is in correct contact with the belt, or preferably fit Brelko Keyskirt to provide a good sealing arrangement.

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CUSTOMER: _____ CODE: [ ][ ][ ] - [ ][ ]

Nº: 25853

ATTENTION: _____ CONTACT TEL: _____

CONTRACT/ORDER No.: _____ DATE IN: _____

JOB CARD
SERVICE WAYBILL

BELT No.	BELT SIZE	EQUIPMENT TYPE	MOUNT TYPE	EQUIPMENT CONDITION (AVERAGE / GOOD / EXCELLENT)	INSPECTION FINDINGS: BELT SCRAPER / PRODUCT: PRODUCT LIFE REMAINING (LOW / MEDIUM / HIGH)	INSPECTION FINDINGS: BELT SCRAPER / PRODUCT: CLEANING (AVERAGE / GOOD / EXCELLENT)	INSPECTION FINDINGS: CONVEYOR BELT and CHUTE: TOP COVER: NEW / EVEN	TOP COVER: GROOVES / WORN / UNEVEN	TOP COVER: PROTRUSIONS (CLIPS / SPLICED / LOOSE PATCH)	INSPECTION FINDINGS: CONVEYOR BELT and CHUTE: BUILD-UP: EXCESSIVE	BUILD-UP: AVERAGE	BUILD-UP: LITTLE	WORK DONE or ACTION RECOMMENDED: SPARES FITTED Mine Spares = M / Brelko Spares = B: BLADES / HOLDERS	MOUNTS	CARRIER ASSEMBLY	SPINDLES	SKIRTING	OTHER SPARES	ADJUST SCRAPER SET	TIGHTEN LOOSE NUTS & BOLTS	FURTHER INVESTIGATION	CLEANED	IMPORTANT NOTES / COMMENTS
																						ALWAYS REFER THE ABOVE COMMENTS TELEPHONICALLY TO THE RELEVANT PERSON FOR SPELLING REFER TO THE GENERAL AND CONVEYING TERMS SHEET' INCLUDED IN THE INDEX SECTION OF THIS WAYBILL BOOK.

CUSTOMER REPRESENTATIVE : _____ TIME IN: _____
(please print)

CUSTOMERS SIGNATURE : _____ TIME OUT: _____

BRELKO REPRESENTATIVE : _____

SAFETY : _____

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007

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SERVICE EXCELLENCE OVER 30 YEARS

P.O. Box 62392 Marshalltown 2107 Tel: +27 11 013-4000 Fax: +27 11 013-4150 e-mail: info@brelko.com Web: www.brelko.com

BRELKO®
CONVEYOR PRODUCTS

CONVEYOR BELT & EQUIPMENT CHECK LIST / QCP

CUSTOMER DETAILS

Customer Name:		Contact Number:	
Attention:		Date of Inspection	
Inspected By		Brelko Representative	

CONVEYOR DIMENSIONS

Belt Number:		Material Carried:			Belt Speed:									
Belt Length:		Belt Width:			Troughing Angle:									
Top Cover Condition:					Bottom Cover Condition:									
Splice:	Yes		No		Clip Joint:	Yes		No		Cover Strip:	Yes		No	
Conveyor Running	Yes		No		Inspection Tags:	Yes		No						
Edge Damage:	Yes		No											
Comments:														

HEAD END / HEAD CHUTE

Chute Condition:		Head Pulley Lagging:	
Snub Pulley Lagging:		Build up:	
Belt Movement:			
Comments:			

IDLER CHECK

Trough Idler Condition:		Return Idler Condition:	
Troughing Frame Condition:		Return Frame Condition:	
Comments:			

PRIMARY SCRAPER

Position Correct:	Yes		No		Type of Primary Scraper installed:									
(Contact of Scraper Blade must be between 10 to 30 degrees, under the pulley horizontal line.)														
Mounts firmly mounted:	Yes		No		All bolts, nuts tightened:					Yes		No		
Adequate Tensioning:	Yes		No		All Caps, Denso Tape in place:					Yes		No		
Housekeeping:														
Chute Material build up:														
Blade Wear:	Low		Medium		High		Cleaning:	Poor		Fair		Good		
Comments:														

SECONDARY SCRAPER #1

Type / Model of Secondary Scraper Installed:														
Positioning Correct:														
(Scraper blade must preferably be a minimum 100mm from pulley tangent.)														
All Caps, Denso Tape in Place:	Yes		No		Mounts firmly mounted:					Yes		No		
All Bolts & Nuts Tightened:	Yes		No		Adequate tension/adjustment:					Yes		No		
Angle Correct Set:	Yes		No		Carrier Frame cut to size					Yes		No		
Angle of scraper must be 90 degrees to the conveyor belt, dependant on conditions.														
Chute / Material build up:	Yes		No		Housekeeping:									
Blade wear:	Low		Medium		High		Cleaning:	Poor		Fair		Good		
Comments:														

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SECONDARY SCRAPER #2

Type / Model of Secondary Scraper Installed:															
Positioning Correct:															
Scraper blade must preferably be a minimum 100mm from pulley tangent.															
All Caps, Denso Tape in Place:	Yes		No		Mounts firmly mounted:					Yes		No			
All Bolts & Nuts Tightened:	Yes		No		Adequate tension/adjustment:					Yes		No			
Angle Correct Set:	Yes		No		Carrier Frame cut to size					Yes		No			
Angle of scraper must be 90 degrees to the conveyor belt, dependant on conditions.															
Chute / Material build up:	Yes		No		Housekeeping:										
Blade wear:	Low		Medium		High		Cleaning:	Poor		Fair		Good			
Comments:															

TAKE UP PULLEYS / COUNTERWEIGHT / PLOUGH

Type / Model of Plough Installed:															
Are Flat Return Idlers Installed:	(In front)		Yes		No			(Behind)		Yes		No			
Any excessive belt movement:	Yes		No		Adequate space for material to fall off of conveyor belt					Yes		No			
Is the Plough firmly mounted:	Yes		No		Is the Safety Chain firmly mounted and correctly adjusted:					Yes		No			
Is the Plough Free moving:	Yes		No		Is the entire Blade / Nose Piece in contact with the conveyor belt:					Yes		No			
Housekeeping:															
Comments:															

CONVEYOR BELT TRACKING / ALIGNMENT

Is the Belt Tracking centre:	Yes		No		Are there any Tracking Systems installed:					Troughing		Return			
Is there any visible damage to structure caused by poor belt tracking:					Yes					No					
Conveyor belt length:					Are the tracking systems correctly positioned:					Yes		No			
Are the tracking systems firmly mounted:	Yes				No		Are all bolts & nuts tightened:			Yes		No			
Are all Idlers in contact with the Belt - Adequate Tension on the system:					Yes			No		Housekeeping:					
Comments:															

LOADING / TRANSFER CHUTE

Chute Condition:	Poor		Fair		Good		Material loading in centre of conveyor belt:								
Dead Boxes:	Yes		No		Deflector Plates:		Yes		No		Drop Heights:				
Tail Pulley Condition	Good		Fair		Poor										
Comments:															

KEYSKIRTING®

Size of Keyskirt®:	1		2		3		4		Length of Keyskirt® Installed :						
Positioning of Keyskirt® :									Other Product used as Skirting	Yes		No		State	
Mounting Arrangement	Std.				Offset							Other			
All bolts & nuts securely fastened:			Yes		No		Housekeeping:								
Comments:															

P.O. Box 62392 Marshalltown 2107 Tel: 27 11 013 4000 Fax: 27 11 013 4150 E-Mail: sales@brelko.com Web: www.brelko.com

BRELKO®
CONVEYOR PRODUCTS

FEEDBOOTS

Type of Feedboot installed:	Universal		Combination		Is the system correctly positioned:				Yes		No	
					(System to be positioned centrally to the load area.)							
Drop Height:					Is the system securely mounted:				Yes		No	
All Bolts & Nuts tightened:	Yes		No		Condition of Idlers:	Poor		Fair		Good		
Lead in and lead out Idlers in place:	Yes		No		Condition of UHMW Liners:	Low		Medium		High		
Housekeeping:												
Comments:												

HI - IMPACT SYSTEM

Type of Hi - Impact system installed:											
Is the system correctly positioned:	Yes		No		Drop heights:						
System to be positioned centrally to the load area.											
Is the system securely mounted:	Yes		No		All bolts & nuts tightened:			Yes		No	
Are all Idlers in contact with the belt:	Yes		No		Idler condition:	Poor		Fair		Good	
BTA Condition:	Poor		Fair		Good		Are chains / D shackles in place & securely fastened:		Yes		No
All Hardware in Good Condition:	Yes		No		Housekeeping:						
Comments:											

AIR CANNONS

Size of Air Cannon Installed:	5ltr		Quantity		10ltr		Quantity					
	25ltr		Quantity		50ltr		Quantity					
	100ltr		Quantity		200ltr		Quantity					
Is the Air Cannon securely fastened onto the structure:	Yes		No		Is an Air Lance installed:			Yes		No		
Size of the Air Lance:			Are the Air Cannons correctly positioned:					Yes		No		
Power supply:			Air supply:									
Operating system:	Single timer		PLC		Manual push button			Sequential				
All Bolts & Nuts securely tightened:	Yes		No		All components in good order:			Yes		No		
Distance between Air Cannon & Solenoid Valve:			Any Air Leaks in the Pipe Work:					No				
Is a Water Trap Installed:	Yes		No		Is a Lubricator installed:			Yes		No		
Distance from Air Cannon:			Distance from Air Cannon:									
Are the safety / warning signs in place and visible:	Yes		No		Housekeeping:							
Comments:												

TAIL PULLEY / PLOUGH

Type / Model of Plough Installed:												
Are Flat Return Idlers installed:	(In front)	Yes		No		(Behind)		Yes		No		
Any excessive belt movement:	Yes		No		Adequate space for material to fall off of conveyor belt:			Yes		No		
Is the Plough firmly mounted:	Yes		No		Is the Safety Chain firmly mounted and correctly adjusted:			Yes		No		
Is the Plough free moving:	Yes		No		Is the entire Blade / Nose Piece in contact with the conveyor belt:			Yes		No		
Housekeeping:												
Comments:												

Brelko Supervisor

Name: _____

Date: _____

Signature: _____

Customer

Name: _____

Date: _____

Signature: _____

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

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SERVICE EXCELLENCE OVER 30 YEARS

10. Trouble Shooting

Problem	Possible Cause	Possible Solution
High UHMW-PE Liner Wear.	UHMW-PE Liner are above idler height or is not parallel to belt travel.	Adjust to correct height/position - refer installation instructions.
Uneven UHMW-PE Liner Wear.	Universal Feedboot is not parallel to belt travel or is under impact.	Inspect loading area and divert impact or reposition Universal Feedboot so that the load is evenly distributed across the full length of the Universal Feedboot.
System or UHMW-PE Liner Damage.	Incorrect selection of equipment.	Consult your Brelko Conveyor Product representative or alternatively contact Brelko's Technical Department.

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