

R-Type[®] Secondary Belt Cleaner

Installation, Operation and Maintenance Manual



R-Type® Secondary Belt Cleaner

Purchase Date: _____

Purchased From: _____

Installation Date: _____

This information will be helpful for any future inquiries or questions about belt cleaner replacement parts, specifications or troubleshooting.

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Section 1 – Important Information

1.1 General Introduction

We at Flexco are very pleased that you have selected an R-Type® Secondary Belt Cleaner for your conveyor system.

This manual will help you to understand the operation of this product and assist you in making it work up to its maximum efficiency over its lifetime of service.

It is essential for safe and efficient operation that the information and guidelines presented be properly understood and implemented. This manual will provide safety precautions, installation instructions, maintenance procedures and troubleshooting tips.

If, however, you have any questions or problems that are not covered, please visit our web site or contact our Customer Service Department:

Customer Service: 612-8818-2000

Visit www.flexco.com for other Flexco locations and products.

Please read this manual thoroughly and pass it on to any others who will be directly responsible for installation, operation and maintenance of this product. While we have tried to make the installation and service tasks as easy and simple as possible, **it does however require correct installation and regular inspections and adjustments to maintain top working condition.**

1.2 User Benefits

Correct installation and regular maintenance will provide the following benefits for your operation:

- Reduced conveyor downtime
- Reduced man-hour labour
- Lower maintenance budget costs
- Increased service life for the belt cleaner and other conveyor components

1.3 Service Option

The R-Type® Secondary Belt Cleaner is designed to be easily installed and serviced by your on-site personnel. However, if you would prefer complete turn-key factory service, please contact your local Flexco Field Representative.

Section 2 – Safety Considerations and Precautions

Before installing and operating the R-Type® Secondary Belt Cleaner, it is important to review and understand the following safety information.

There are set-up, maintenance and operational activities involving both **stationary** and **operating** conveyors. Each case has a safety protocol.

2.1 Stationary Conveyors

The following activities are performed on stationary conveyors:

- Installation
- Blade replacement
- Repairs
- Tension adjustments
- Cleaning

DANGER

It is imperative that local Lockout/Tagout (LOTO) regulations be followed before undertaking the preceding activities. Failure to use LOTO exposes workers to uncontrolled behaviour of the belt cleaner caused by movement of the conveyor belt. Severe injury or death can result.

Before working:

- Lockout/Tagout the conveyor power source
- Disengage any takeups
- Clear the conveyor belt or clamp securely in place

WARNING

Use Personal Protective Equipment (PPE):

- Safety eyewear
- Hardhats
- Safety footwear

Close quarters, springs and heavy components create a worksite that compromises a worker's eyes, feet and skull.

PPE must be worn to control the foreseeable hazards associated with conveyor belt cleaners. Serious injuries can be avoided.

2.2 Operating Conveyors

There are two routine tasks that must be performed while the conveyor is running:

- Inspection of the cleaning performance
- Dynamic troubleshooting

DANGER

Every belt cleaner is an in-running nip hazard. Never touch or prod an operating cleaner. Cleaner hazards may cause instantaneous amputation and entrapment.

WARNING

Belt cleaners can become projectile hazards. Stay as far from the cleaner as practical and use safety eyewear and headgear. Missiles can inflict serious injury.

WARNING

Never adjust anything on an operating cleaner. Unforseeable belt projections and tears can catch on cleaners and cause violent movements of the cleaner structure. Flailing hardware can cause serious injury or death.

Section 3 – Pre-installation Checks and Options

3.1 Checklist

- Check that the cleaner size is correct for the beltline width
- Check the belt cleaner carton and make sure all the parts are included
- Review the “Tools Needed” list on the top of the installation instructions
- Check the conveyor site:
 - Will the cleaner be installed on a chute
 - Is the install on an open head pulley requiring mounting structure (See 3.2 - Optional Installation Accessories)

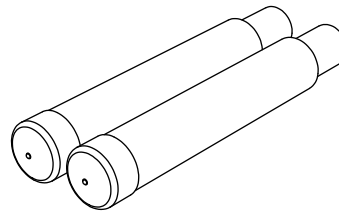
3.2 Optional Installation Accessories

Pole extenders are available for wide, non-standard conveyor structures.

76024

Pole Extender Kit

- Provides 750mm (30") of extended pole length
- Includes 2 pole extenders

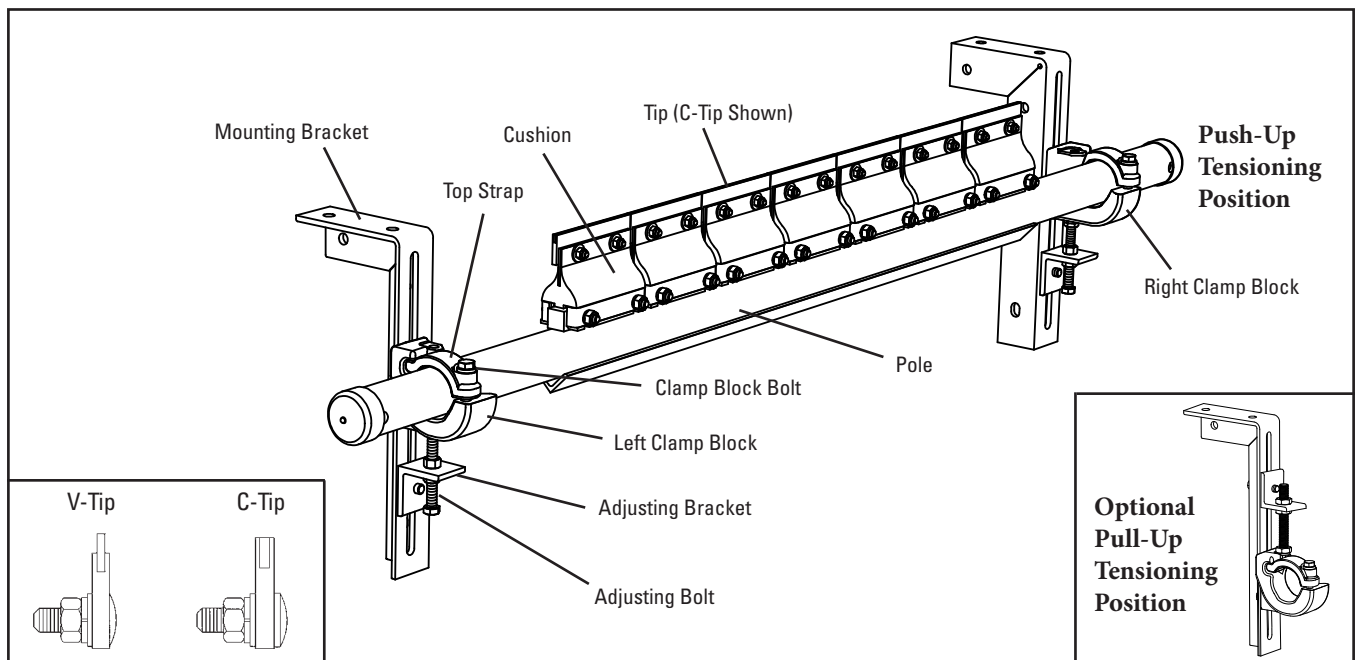


Optional Mounting Accessories

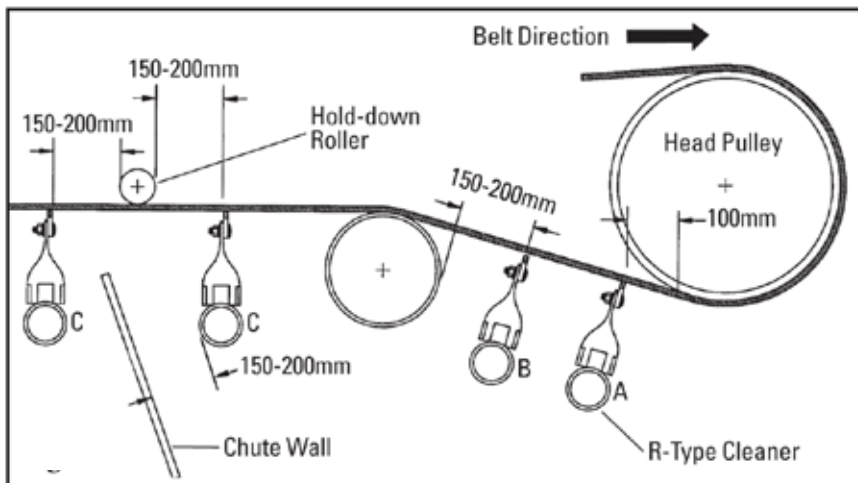
Description	Ordering Number	Item Code	Wt. Kg.
Pole Extender Kit	MAPEK	76024	9.9
Lead time: 1 working day			

Section 4 – Installation Instructions

R-Type Secondary Belt Cleaner



Physically lock out and tag the conveyor at the power source before you begin cleaner installation.



Tools Needed

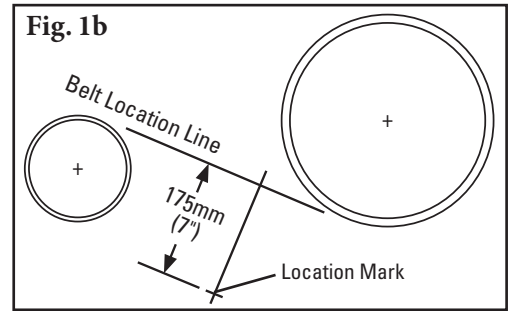
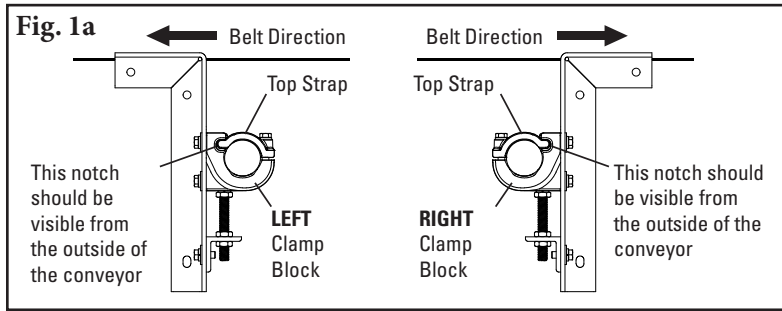
- Tape Measure
- 19mm Spanner
- Ratchet With 19mm Socket
- (2) 150mm C-Clamps (for Temporary Positioning of Mounting Brackets)
- Cutting Torch and/or Welder
- Marking Pen

Before You Begin:

- Double-check the tip style needed for your application:
C-Tip - for mechanically spliced and vulcanized belts.
V-Tip - for vulcanized belts only.
- For chute mounting it may be necessary to cut an access hole to allow for installation and inspections. (See dimensions in Step 1.)
- Follow all safety precautions when using a cutting torch.
- If welding, protect all fastener threads from weld spatter.
- For maximum cleaning results, an R-Type cleaner should be installed at both pulleys on reversing belts.

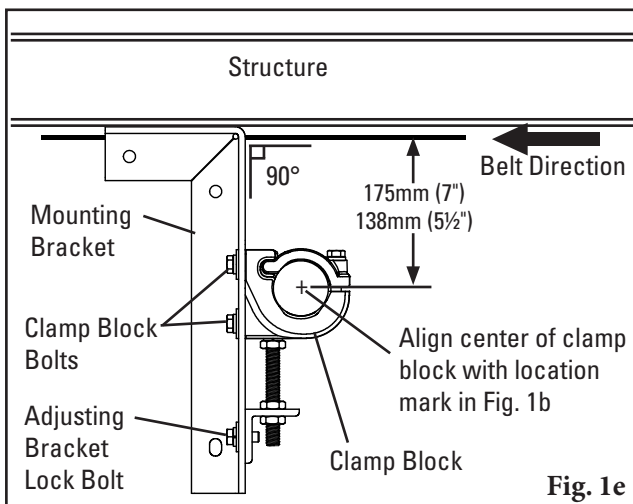
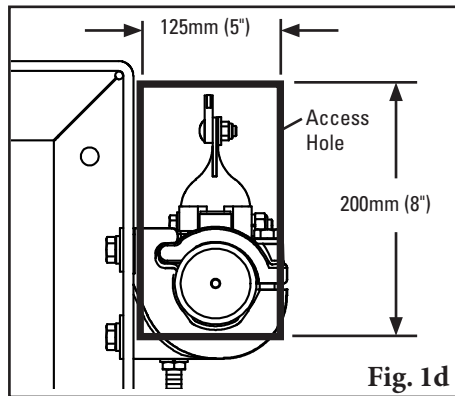
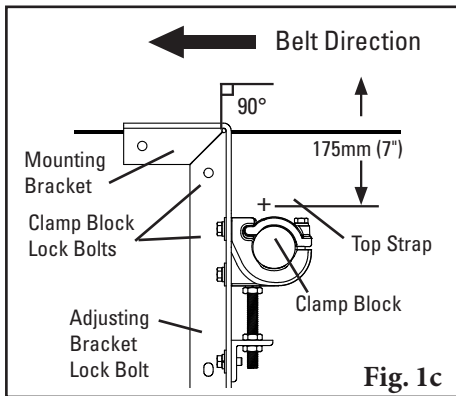
Section 4 – Installation Instructions (cont.)

R-Type Secondary Belt Cleaner



1. **Install mounting brackets.** Determine the correct clamp block (left or right) and bracket needed for each side of the conveyor. The top strap should be offset away from the belt (you should be able to see the notch for the top strap from the outside of the conveyor). (Fig. 1a).

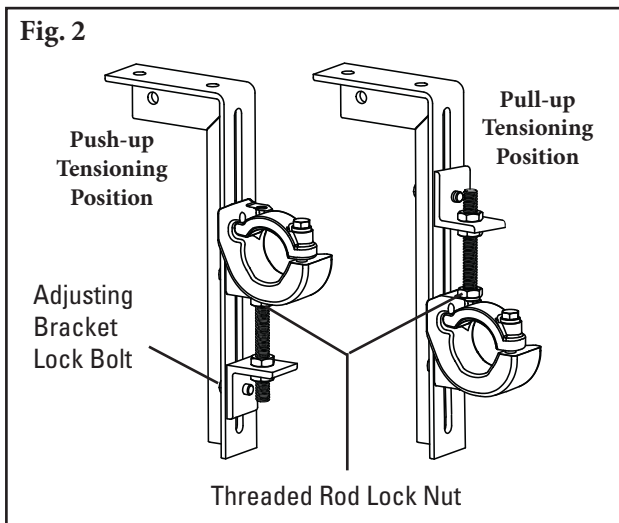
For chute mounting: For a chute installation a belt location line must first be established. Draw a line on the chute replicating this location. If head pulley and snub pulley are close, it may be necessary to assume an approximate belt line between the two. In the determined location draw a line perpendicular to the belt line. Make a mark on this line 175mm (7") below belt location line (Fig. 1b). Locate a mounting bracket along this line allowing the centerline of the clamp block to align with this 175mm (7") mark (Fig. 1c). To move the clamp blocks, if necessary, loosen the clamp block lock bolts and the adjusting bracket lock bolt and move the clamp block to a position where the center of the hole is 175mm (7") below the bottom of the belt. Bolt or weld in place. Repeat this step on the opposite side. On one side an access hole may be required (Fig. 1d). **NOTE:** The brackets must be aligned perpendicular to the belt.



For structure mounting: In most applications the standard mounting brackets will have adequate room to fit on the structure with no cutting. Clamp the mounting bracket into position (use 150mm clamps). Move the clamp block to align the center of the block with a point 175mm (7") below the belt (Fig. 1e). To move the clamp blocks, if necessary, loosen the clamp block lock bolts and the adjusting bracket lock bolt and position. Tighten the adjusting bracket lock bolt. The bracket can now be bolted or welded in place. Locate and install bracket on the opposite side of belt in alignment with the first bracket. **NOTE:** The brackets must be aligned perpendicular to the belt.

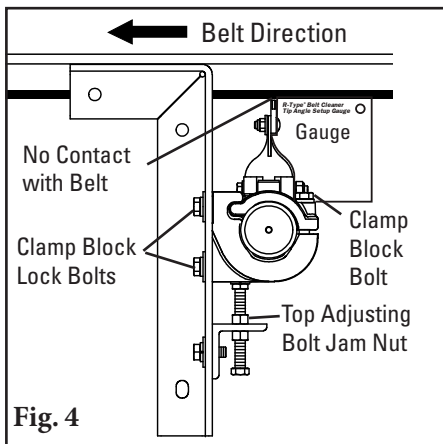
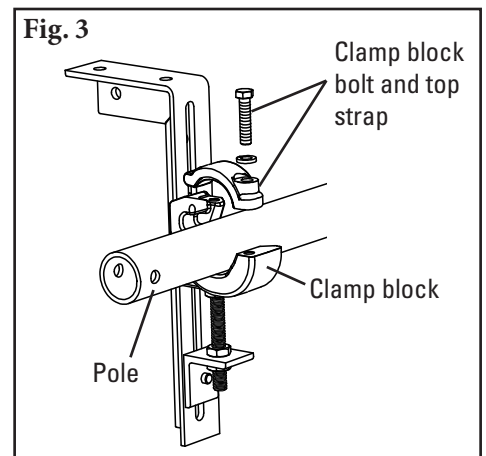
Section 4 – Installation Instructions (cont.)

R-Type Secondary Belt Cleaner

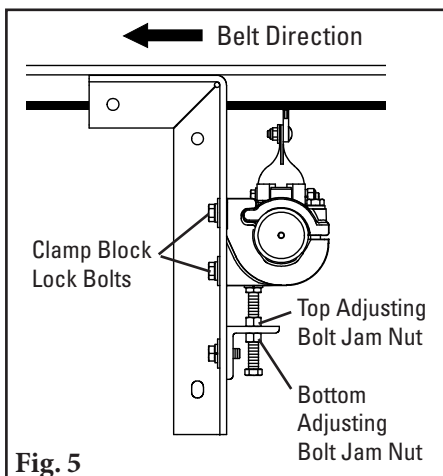


2. **Choose the tensioner position.** The tensioner is shipped mounted in the push-up position. Depending upon the space constraints of the installation, the tensioner can be optionally mounted in a pull-up position. To do this, loosen the threaded rod lock nut, unscrew the threaded rod and remove adjusting bracket lock bolt. Then move the adjusting bracket and threaded rod to the top of the clamp blocks (Fig. 2) and tighten threaded rod lock nut.

3. **Install the pole.** Remove the clamp block top strap on the access side of the conveyor, and on the opposite side loosen the clamp block bolt. Slide the pole across and into the loosened clamp block, place near end of pole in bottom section of clamp block (Fig. 3). Replace the top strap on the clamp block, center the blades on the belt and tighten both clamp block bolts finger tight.



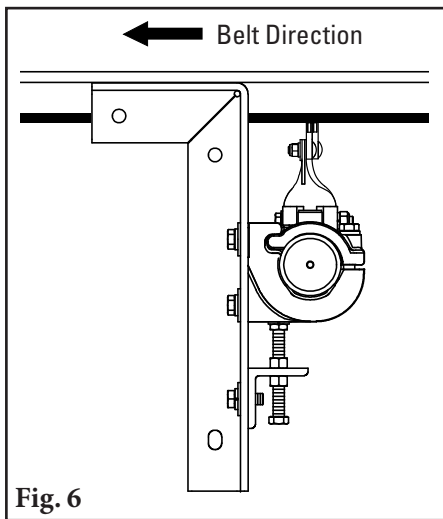
4. **Set the tip angle.** With angle setup gauge provided, rotate the tips to the preset angle (Fig. 4) and lock the pole in place by tightening the clamp block bolts equally. **NOTE:** Make sure there is NO tip-to-belt contact while making this alignment. If contact occurs, lower the pole by loosening the clamp block lock bolts and raising the top adjusting bolt jam nut (Fig. 4). When tips are lowered and not touching the belt, repeat this step.



5. **Set the tip tension.** With all clamp block lock bolts slightly loosened, back down the bottom adjusting bolt jam nut 4-5 turns on both sides (Fig. 5). Turn the top adjusting bolt jam nuts down until light contact is made between tips and belt across the entire width of the cleaner. Give an additional 1 full turn to both top adjusting bolt jam nuts and tighten both bottom adjusting bolt jam nuts. Tighten all clamp block lock bolts. Double check that all bolts and nuts on the cleaner are tight.

Section 4 – Installation Instructions (cont.)

R-Type Secondary Belt Cleaner



- 6. Check the tip tension.** Pull back on the outside tip until the belt-to-tip contact is broken and release. The total blade thickness of the adjacent tip must be visible (Fig. 6). Add or reduce tension by 1/4 turn (see Step 5) until full thickness of the adjacent tip is visible.

Test run cleaner and inspect its performance. If vibration occurs or more cleaning efficiency is desired, increase tip tension by making a 1/4 turn on each adjusting bolt.

Section 5 – Pre-Operation Checklist and Testing

5.1 Pre-Op Checklist

- Recheck that all fasteners are tightened properly.
- Add pole caps.
- Apply all supplied labels to the cleaner.
- Check the blade location on the belt.
- Be sure that all installation materials and tools have been removed from the belt and the conveyor area.

5.2 Test Run the Conveyor

- Run the conveyor for at least 15 minutes and inspect the cleaning performance.
- Check adjusting brackets and tips for proper tensioning.
- Make adjustments as necessary.

NOTE: Observing the cleaner when it is running and performing properly will help to detect problems or when adjustments are needed later.

Section 6 – Maintenance

Flexco belt cleaners are designed to operate with minimum maintenance. However, to maintain superior performance some service is required. When the cleaner is installed a regular maintenance program should be set up. This program will ensure that the cleaner operates at optimal efficiency and problems can be identified and fixed before the cleaner stops working.

All safety procedures for inspection of equipment (stationary or operating) must be observed. The R-Type® Secondary Belt Cleaner operates at the discharge end 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/tagout procedures.

6.1 New Installation Inspection

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

6.2 Routine Visual Inspection (every 2-4 weeks)

A visual inspection of the cleaner and belt can determine:

- If adjusting brackets are set correctly for optimal tensioning.
- If the belt looks clean or if there are areas that are dirty.
- If the blade is worn out and needs to be replaced.
- If there is damage to the blade or other cleaner components.
- If fugitive material is built up on the cleaner or in the transfer area.
- If there is cover damage to the belt.
- If there is vibration or bouncing of the cleaner on the belt.
- If a snub pulley is used, a check should be made for material buildup on the pulley.
- Significant signs of carryback.

If any of the above conditions exist, a determination should be made on when the conveyor can be stopped for cleaner 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 cleaner to perform the following tasks:

- Clean material buildup off of the cleaner blade and pole.
- Closely inspect the blade for wear and any damage. Replace if needed.
- Ensure full blade to belt contact.
- Inspect the cleaner pole for damage.
- Inspect all fasteners for tightness and wear. Tighten or replace as needed.
- Replace any worn or damaged components.
- Check the tension of the cleaner blade to the belt. Adjust the tension if necessary using steps on pages 7 & 8.
- When maintenance tasks are completed, test run the conveyor to ensure the cleaner is performing properly.

Section 6 – Maintenance (cont.)

6.4 Blade Replacement Instructions (C-Tips or V-Tips)

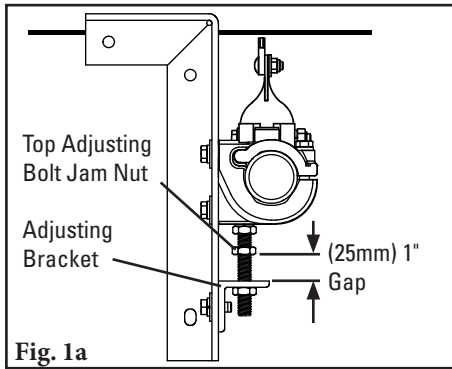


Fig. 1a

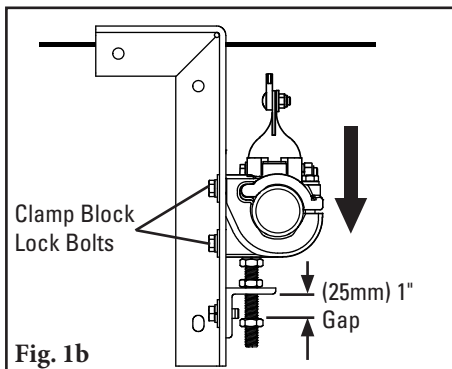


Fig. 1b

BEFORE YOU BEGIN:

Physically Lock Out and Tag the Conveyor at the Power Source.

1. Release the blade tension and remove worn blade tips.

- a. Loosen the top adjusting bolt jam nuts 25mm (1") from the top of the adjusting brackets (Fig. 1a).
- b. Loosen the clamp block lock bolts on both sides and allow the pole to move down and rest on the raised top adjusting bolt jam nuts (Fig. 1b).
- c. Place location marks across the mounting bracket and the clamp block for quick positioning after blade replacement (Fig. 1c).
- d. Remove the clamp block lock bolts and adjusting bracket lock bolts on each side and remove the pole with the clamp blocks and adjusting brackets attached (Fig. 1d).
- e. Remove the nuts, flat washers and lock washers from the tips and remove worn tips (Fig. 1e).
- f. Insert new tips and install flat washers, lock washers and nuts finger tight. Buff the outside corners of the last tip on each side of the cleaner (Fig. 1f).

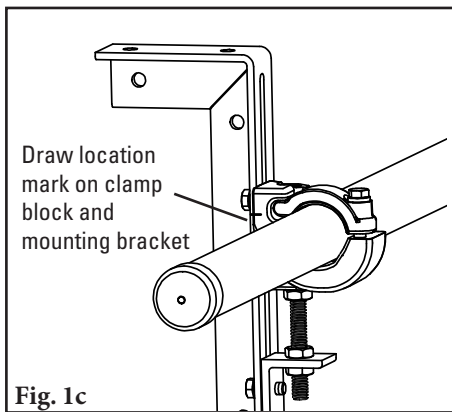


Fig. 1c

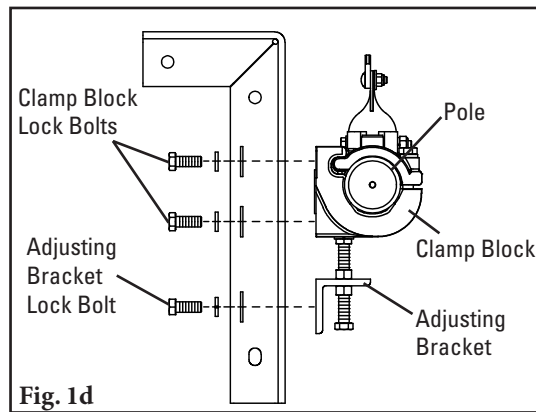


Fig. 1d

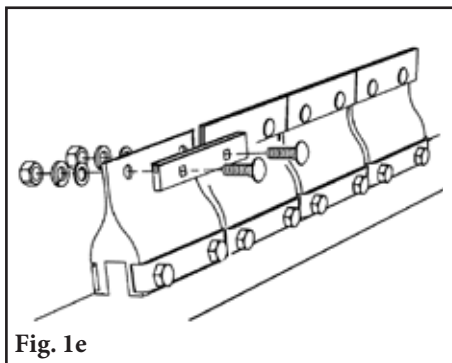


Fig. 1e

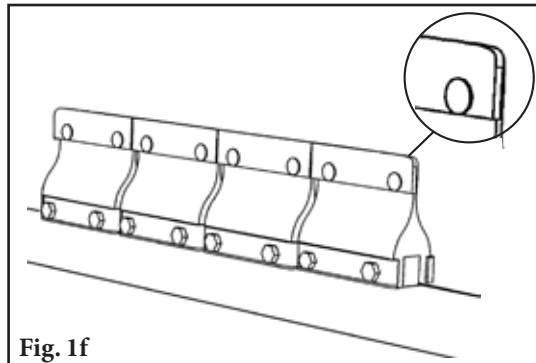
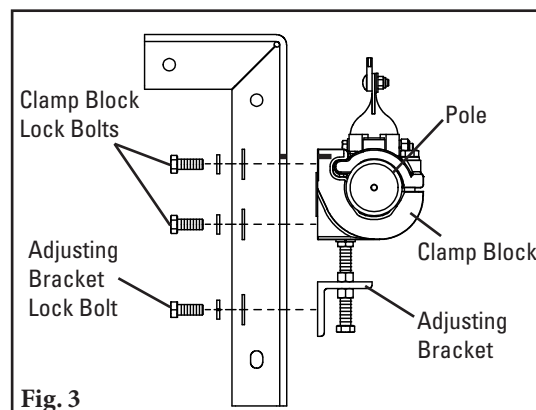
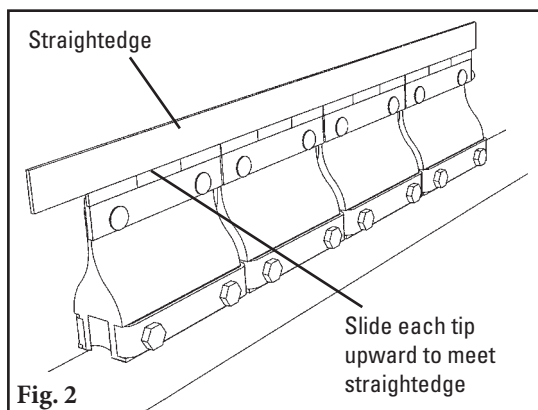


Fig. 1f

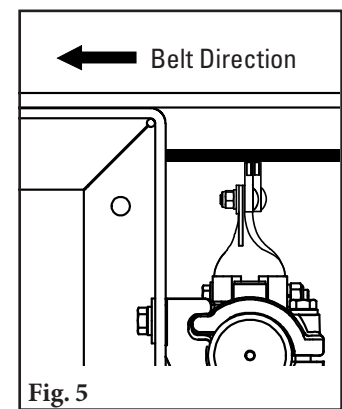
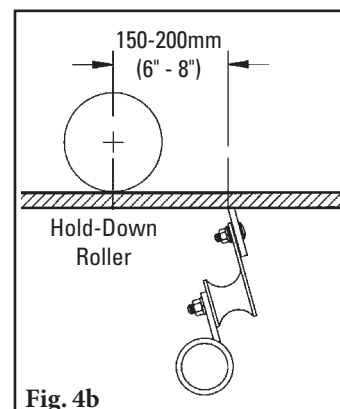
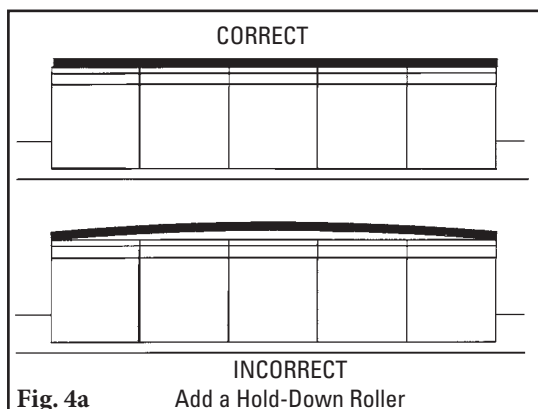
Section 6 – Maintenance (cont.)

6.4 Blade Replacement Instructions (C-Tips or V-Tips)

- Align the blade tips.** Push tips together so there is no more than a .25mm to .38mm (.010" to .015") gap between them. Place a straightedge along the top surface of the new tips. Pull upward on each tip to align with the bottom of the straightedge and tighten the nuts (Fig. 2).
- Reinstall the pole.** Slide the pole back into position on the mounting brackets, aligning marks made on the bracket and the clamp block. Install the two adjusting bracket lock bolts and tighten. Install the four clamp block lock bolts finger tight (Fig. 3).



- Set the blade tension.** Turn the top adjusting bolt jam nuts down until light tip contact is made across the entire width of the cleaner. Add an additional 1 full turn on the top adjusting bolt jam nuts and lock the bottom adjusting bolt jam nuts. Tighten all clamp block lock bolts. **NOTE:** If the belt is cupped, do not overtension the blades to contact the belt. A hold-down roller should be installed to flatten the belt (Fig. 4a & 4b). (Try the Stabilizing Return Roller or Stabilizing Roller Bracket Kit.)
- Check blade tip tension.** Pull back on the outer blade in the direction of belt travel until the blade breaks contact with the belt. Let go of the blade. With correct tension the full thickness of the adjacent blade tip should be visible in front of the outer blade (Fig. 5). Also check the center blade in same manner. Add tension in 1/4-turn increments on the top adjusting bolt jam nuts until view of full thickness of the adjacent blade tip is obtained.



Test run cleaner and inspect operation. If vibration occurs, increase tip tension by making 1/4-turn adjustments.

Section 6 – Maintenance (cont.)

6.5 Maintenance Log

Conveyor Name/No. _____

Date: _____ Work done by: _____ Service Quote #: _____

Activity: _____

Date: _____ Work done by: _____ Service Quote #: _____

Activity: _____

Date: _____ Work done by: _____ Service Quote #: _____

Activity: _____

Date: _____ Work done by: _____ Service Quote #: _____

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Date: _____ Work done by: _____ Service Quote #: _____

Activity: _____

Date: _____ Work done by: _____ Service Quote #: _____

Activity: _____

Date: _____ Work done by: _____ Service Quote #: _____

Activity: _____

Section 6 – Maintenance (cont.)

6.6 Cleaner Maintenance Checklist

Site: _____ Inspected by: _____ Date: _____

Belt Cleaner: _____ Serial Number: _____

Beltline Information:

Beltline Number: _____ Belt Condition: _____

Belt Width: 300mm (12") 450mm (18") 600mm (24") 750mm (30") 900mm (36") 1050mm (42") 1200mm (48") 1350mm (54") 1500mm (60") 1800mm (72")

Head Pulley Diameter (Belt & Lagging): _____ Belt Speed: _____ fpm Belt Thickness: _____

Belt Splice: _____ Condition of Splice: _____ Number of Splices: _____ Skived Unskived

Material conveyed: _____

Days per week run: _____ Hours per day run: _____

Blade Life:

Date blade installed: _____ Date blade inspected: _____ Estimated blade life: _____

Is blade making complete contact with belt? Yes No

Blade wear: Left _____ Middle _____ Right _____

Blade condition: Good Grooved Smiled Not contacting belt Damaged

Was Cleaner Adjusted: Yes No

Pole Condition: Good Bent Worn

Lagging: Side Lag Ceramic Rubber Other None

Condition of lagging: Good Bad Other _____

Cleaner's Overall Performance: _____ (Rate the following 1 - 5, 1= very poor - 5 = very good)

Appearance: Comments: _____

Location: Comments: _____

Maintenance: Comments: _____

Performance: Comments: _____

Other comments: _____

Section 7 – Troubleshooting

Problem	Possible Cause	Possible Solutions
Vibration	Cleaner secure bolts not set	Ensure all locking nuts are tight (Loctite)
	Cleaner not set up correctly	Ensure cleaner set up properly (check tip angle with gauge)
	Belt tension too high	Ensure cleaner can conform to belt, or replace with alternate Flexco secondary cleaner
	Belt flap	Introduce hold-down roller to flatten belt
	Cleaner over-tensioned	Ensure cleaner is correctly tensioned
	Cleaner under-tensioned	Ensure cleaner is correctly tensioned
Material buildup on cleaner	Cleaner not set up correctly	Ensure cleaner set up properly (check tip angle with gauge)
	Buildup on chute	Ensure cleaner is not located too close to back of chute, allowing buildup
	Cleaner being overburdened	Introduce Flexco primary cleaner
	Excessive sticky material	Frequently clean unit of buildup
Damaged belt cover	Cleaner over-tensioned	Ensure cleaner is correctly tensioned
	Cleaner blade damage	Check blade for wear, damage and chips, replace where necessary
	Attack angle not correct	Ensure cleaner set up properly (check tip angle with gauge)
	Material buildup in chute	Frequently clean unit of buildup
Cleaner not conforming to belt	Cleaner not set up correctly	Ensure cleaner set up properly (check tip angle with gauge)
	Belt tension too high	Ensure cleaner can conform to belt, introduce hold-down roller, or replace with alternate Flexco secondary cleaner
	Belt flap	Introduce hold-down roller to flatten belt
	Cleaner cannot conform	Ensure cleaner can conform to belt, introduce hold-down roller, or replace with alternate Flexco secondary cleaner
Material passing cleaner	Cleaner not set up correctly	Ensure cleaner set up properly (check tip angle with gauge)
	Cleaner tension too low	Ensure cleaner is correctly tensioned
	Cleaner blade worn/damaged	Check blade for wear, damage and chips, replace where necessary
	Cleaner being overburdened	Introduce Flexco primary cleaner
	Belt flap	Introduce hold-down roller to flatten belt
	Belt worn or grooved	Introduce water spray pole
	Cleaner cannot conform	Ensure cleaner can conform to belt, introduce hold-down roller, or replace with alternate Flexco secondary cleaner
Damage to mechanical fastener	Incorrect cleaner blade selection	Change blade type to accommodate fastener style (C-Tip or V-Tip)
	Belt not skived correctly	Spot and redo splice correctly, lowering the profile flush or below belt surface
	Blade angle incorrect	Reset with gauge
Missing material in belt centre only	Cupped Belt	Install hold-down roller and reset blade angle with gauge
	Cleaner blade worn/damaged	Check blade for wear, damage and chips, replace where necessary
Missing material on outer edges only	Cupped Belt	Install hold-down roller and reset blade angle with gauge
	Cleaner blade worn/damaged	Check blade for wear, damage and chips, replace where necessary

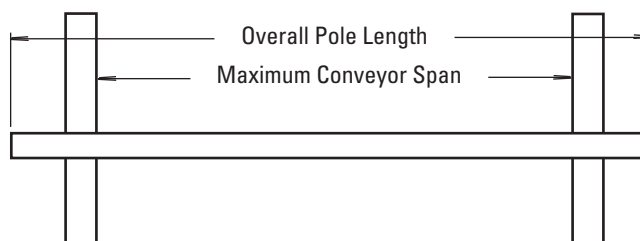
Section 8 – Specifications and CAD Drawings

8.1 Specifications and Guidelines

Pole Length Specifications

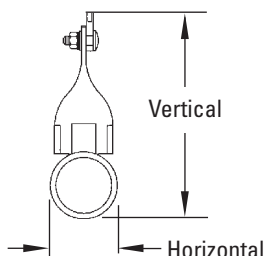
Cleaner Size	Pole Length	Maximum Conveyor Span
mm	mm	mm
450	1200	1075
600	1350	1225
750	1500	1375
900	1650	1525
1050	1800	1675
1200	1950	1825
1350	2200	2075
1500	2350	2225
1800	2650	2525

Pole Diameter - 60mm



Clearance Guidelines For Installation

Belt Width/ Cleaner Size	Horizontal Clearance Required	Vertical Clearance Required
mm	mm	mm
450 - 1800	100	200



R-Type Cushion Specifications

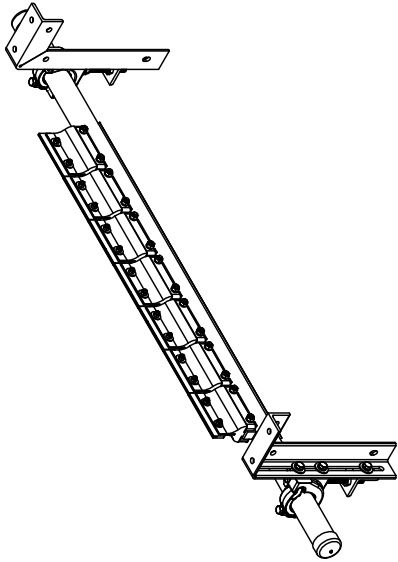
Cushion	Durometer	Temperature Range
Standard	55A	-35° to 82° C -30° to 180° F
Neoprene	55A	-20° to 110° C -4° to 230° F

Specifications:

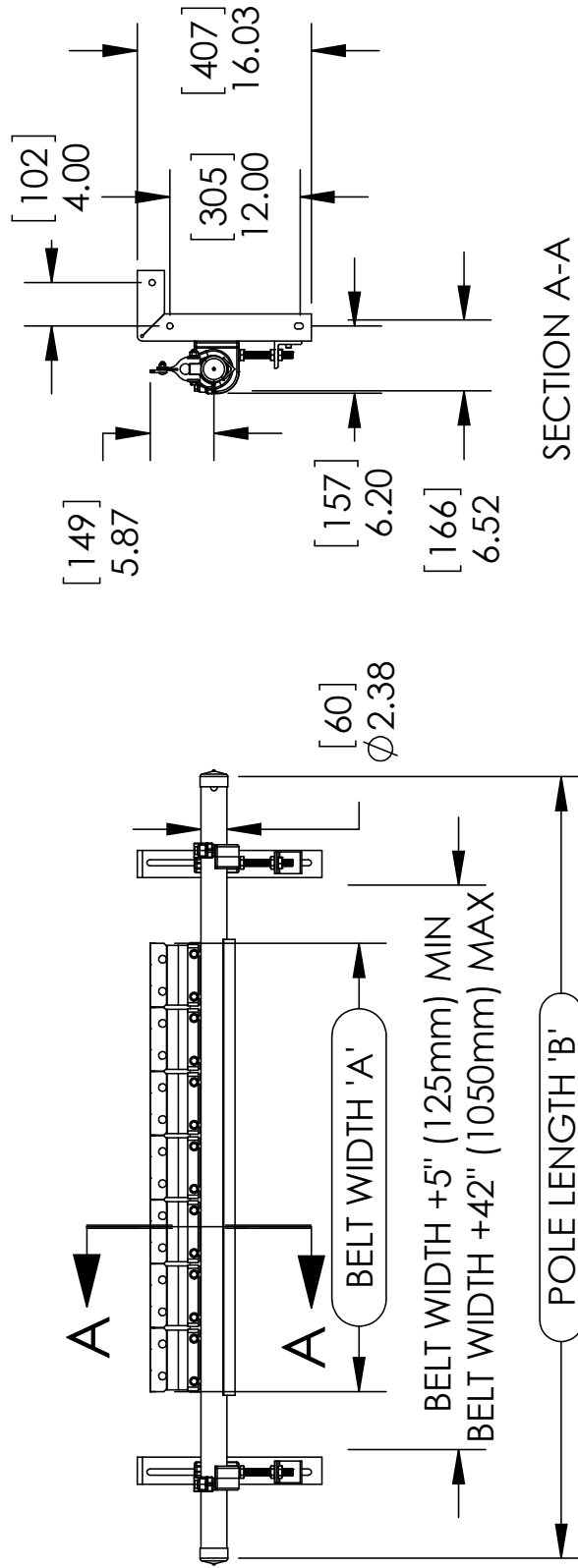
- Maximum Belt Speed.....5m/s
- Temperature Rating.....-35°C to 82°C
- Usable Blade Wear Length.....9mm
- Blade Materials.....C-Tip: Impact Resistant Tungsten Carbide
(works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide
(works on vulcanized belts only)
- Available for Belt Widths.....450 to 1800mm
Other sizes available upon request
- CEMA Cleaner RatingClass 4

Section 8 – Specifications and CAD Drawings

8.2 CAD Drawing- R-Type with C-Tips



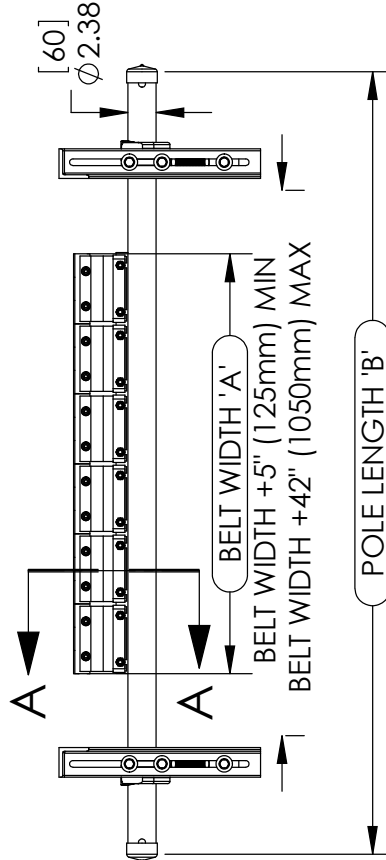
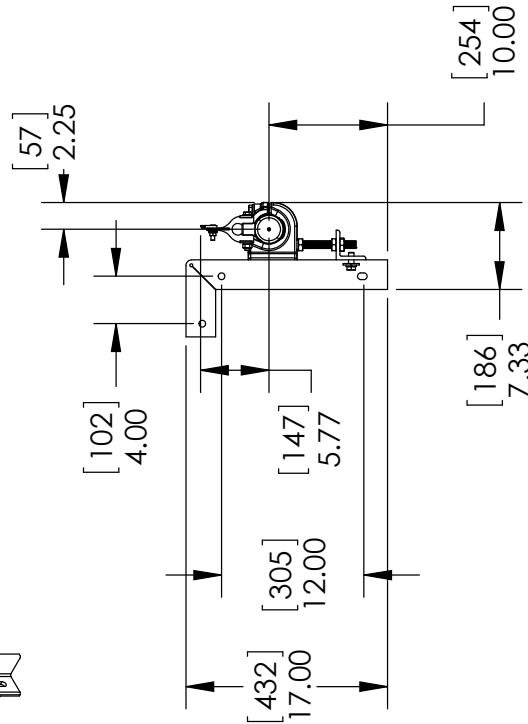
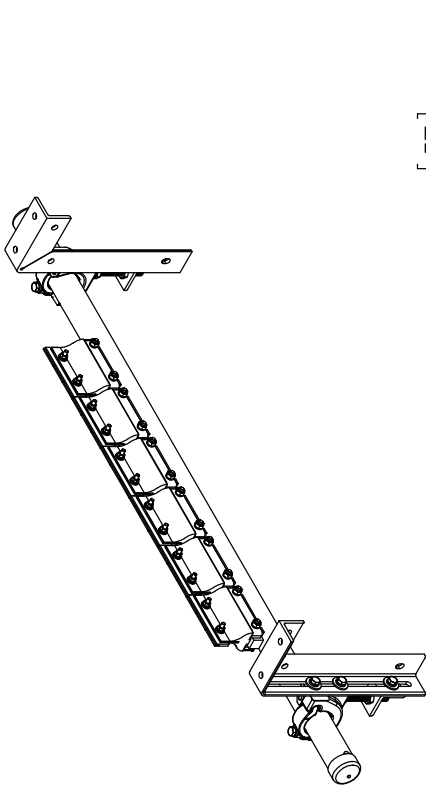
SPECIFICATIONS			R-TYPE C-TIP	
BELT WIDTH 'A' (in)	POLE LENGTH 'B' (in)	NUMBER OF TIPS	ORDER NUMBER	ITEM CODE
18	48	3	RC18	74618
24	60	4	RC24	74619
30	75	5	RC30	74620
36	90	6	RC36	74621
42	105	7	RC42	74622
48	120	8	RC48	74623
54	135	9	RC54	74624
60	150	10	RC60	74625
72	180	12	RC72	74626



Section 8 – Specifications and CAD Drawings

8.3 CAD Drawing- R-Type with V-Tips

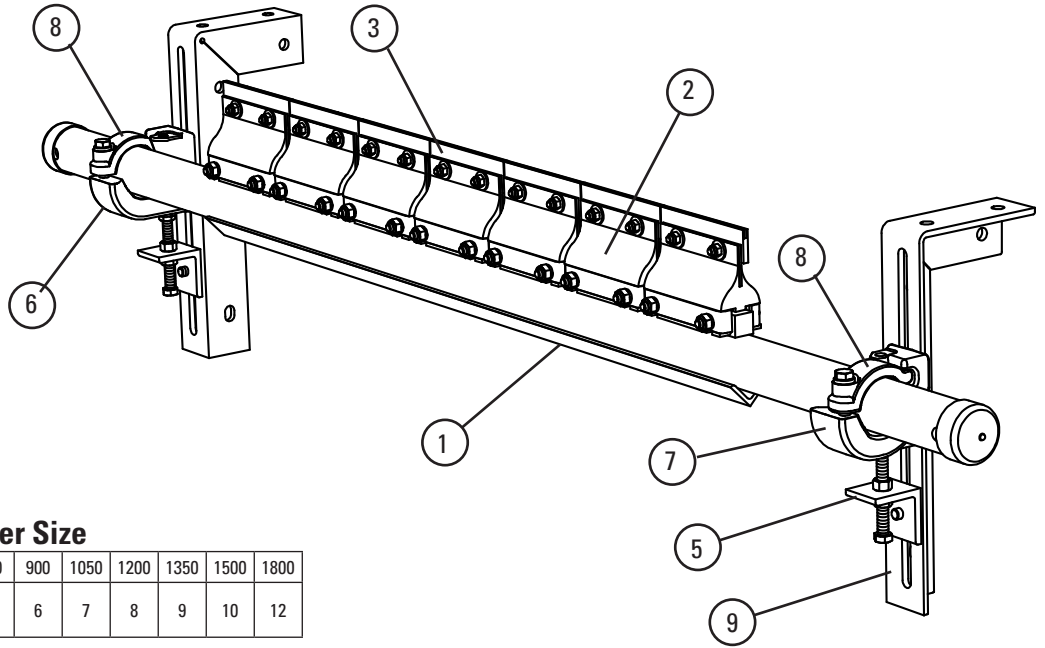
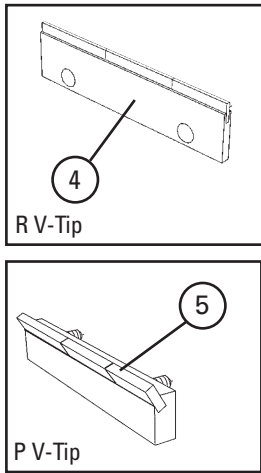
SPECIFICATIONS			R-TYPE SECONDARY V-TIP		
BELT WIDTH 'A' (in)	POLE LENGTH 'B' (in)	POLE LENGTH 'B' (mm)	NUMBER OF TIPS	ORDER NUMBER	ITEM CODE
18	48	1200	3	RV-18	78402
24	54	1350	4	RV-24	78403
30	60	1500	5	RV-30	78404
36	66	1650	6	RV-36	78405
42	72	1800	7	RV-42	78406
48	78	1950	8	RV-48	78407
54	88	2200	9	RV-54	78408
60	94	2350	10	RV-60	78409
72	1800	2650	12	RV72	74641



SECTION A-A

Section 9 – Replacement Parts List

9.1 Replacement Parts List- R-Type Secondary Belt Cleaner



Tips Required per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Replacement Parts

REF	DESCRIPTION	BELT WIDTH	POLE LENGTH	POWDER COATED			STAINLESS STEEL		
				ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
1	R-Type® Pole 60 mm Pole Diameter	450	1250	RP450	74604	10.0	RP450-S/S	75400	10.0
		600	1350	RP600	74605	11.0	RP600-S/S	75401	11.0
		750	1500	RP750	74606	13.0	RP750-S/S	75402	13.0
		900	1650	RP900	74607	15.0	RP900-S/S	75403	15.0
		1050	1800	RP1050	74608	20.0	RP1050-S/S	75404	21.0
		1200	1950	RP1200	74609	22.0	RP1200-S/S	75405	23.0
	R-Type Pole 73 mm Pole Diameter	1400	2200	RP1400	74610	24.0	RP1400-S/S	75406	25.0
		1500	2350	RP1500	74611	25.0	RP1500-S/S	75407	26.0
		1800	2650	RPHD1800	74613	27.0	RPHD1800-S/S	A1575	28.0
		2000	2850	RPHD2000	74614	31.0	RPHD2000-S/S	61270	29.0
	2100	2950	RPHD2100	A2527	38.0	RPHD2100-S/S	A1629	39.0	
	2400	3250	RPHD2400	74615	44.0	RPHD2400-S/S	61271	45.0	
2	R Cushion			RSA	76249	1.0	RC-S/S	76250	1.0
3	R - V-Tip (for vulcanised belts only)			RSA150	73628	0.4	RVT6-S/S	76205	0.4
4	C-Tip (for mechanically spliced and vulcanised belts)			CT6	74535	0.4			
5	P V-Tip* (for vulcanised belts only)			PSA150	73156	0.4	PVT6-S/S	75420	0.4
6	Adjusting Bracket Kit* (1ea.)			PAB	75513	0.7	PAB-S/S	75515	0.7
7	Pole Clamp Kit Left* (1ea.) (incl. item 9) (for sizes 450-1200mm)			CCKL	79224	3.1	CCKL-S/S	79226	3.1
8	Pole Clamp Kit Right* (1ea.) (incl. item 9) (for sizes 450-1200mm)			CCKR	79228	3.1	CCKR-S/S	79230	3.1
9	Cradle Clamp Top Strap (1ea.) (for use on L or R Pole Clamp Kit)			CCKTS	79232	0.5	CCKTS-S/S	79234	0.5
10	Mounting Bracket Kit Left			PMBL (left)	75516	3.8	PMBL-S/S (left)	75518	3.8
11	Mounting Bracket Kit Right			PMBL (right)	75519	3.8	PMBL-S/S (right)	75521	3.8
-	Cradle Clamp Mounting Kit* (for sizes 450-1200mm) (incl. 2 ea. item 6, and 1 ea. items 7, 8, 10 & 11)			CCMK	78919	15.0	CCMK-S/S	78921	15.0
Heavy-Duty Components									
7a	HD Pole Clamp Kit Left* (1ea.) (incl. item 9a) (for sizes 1200-2400mm)			CCKHDL	79225	4.0	CCKHDL-S/S	79227	4.0
8a	HD Pole Clamp Kit Right* (1ea.) (incl. item 9a) (for sizes 1200-2400mm)			CCKHDR	79229	4.0	CCKHDR-S/S	79231	4.0
9a	HD Cradle Clamp Top Strap (1ea.) (for use on L or R HD Pole Clamp Kit)			CCKHDTS	79233	0.8	CCKHDTS-S/S	73235	0.8
-	HD Cradle Clamp Mounting Kit* (for sizes 1200-2400mm) (incl. 2 ea. item 6, and 1 ea. items 7, 8, 10 & 11)			CCMKHD	78920	16.7	CCMKHD-S/S	78922	16.7

*Hardware included
For additional sizes contact Flexco®.

Section 10 – Other Flexco Conveyor Products

Flexco provides many conveyor products that help your conveyors to run more efficiently and safely. These components solve typical conveyor problems and improve productivity. Here is a quick overview on just a few of them:

EZP1 Precleaner



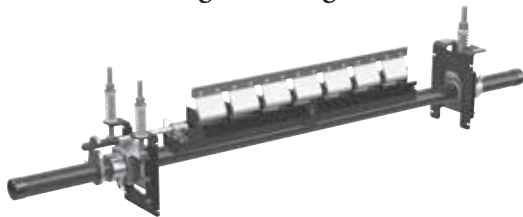
- Patented ConShear™ blade renews its cleaning edge as it wears
- Visual Tension Check™ for optimal blade tensioning and simple retensioning
- Quick and easy one-pin blade replacement Material Path Option™ for optimal cleaning and reduced maintenance

EZ Slider/Impact Beds



- Adjusting troughing angles for easy installation and adjustability
- Long-wearing UHMW for sealing the load zone
- Offered in both Light & Medium duty designs to affordably fit your application

MHS Secondary Cleaner with Service Advantage Cartridge



- An easy slide-out cartridge for service
- Cartridge design to speed up blade-change maintenance
- Patented PowerFlex™ Cushions for superior cleaning performance
- Compatible with Flexco mechanical splices

PT Max™ Belt Trainer



- Patented “pivot & tilt” design for superior training action
- Dual sensor rollers on each side to minimise belt damage
- Pivot point guaranteed not to freeze up
- Available for topside and return side belts

Flexco Specialty Belt Cleaners



- “Limited space” cleaners for tight conveyor applications
- High Temp cleaners for severe, high heat applications
- A rubber fingered cleaner for chevron and raised rib belts
- Multiple cleaner styles in stainless steel for corrosive applications

Belt Ploughs



- A belt cleaner for the tail pulley
- Exclusive blade design quickly spirals debris off the belt
- Economical and easy to service
- Available in vee or diagonal models

The Flexco Vision

To become the leader in maximising
belt conveyor productivity for our customers worldwide
through superior service and innovation.

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Visit www.flexco.com for other Flexco locations and products.

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