

Y-Type™ Secondary Belt Cleaner

Installation, Operation and Maintenance Manual



*Y-Type™ with Purple
Urethane Blade*



*Y-Type™ with White (Food
Grade) Urethane Blade*

Y-Type™ Secondary Belt Cleaner

Serial Number: _____
Purchase Date: _____
Purchased From: _____
Installation Date: _____

Serial number information can be found on the Serial Number Label included in the Information Packet found in the cleaner carton.

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

Table of Contents

Section 1 – Important Information	2
1.1 General Introduction	2
1.2 User Benefits	2
1.3 Service Option	2
Section 2 – Safety Considerations and Precautions	3
2.1 Stationary Conveyors.....	3
2.2 Operating Conveyors.....	3
Section 3 – Pre-Installation Checks and Options.....	4
3.1 Checklist	4
3.2 Optional Installation Accessories	4
Section 4 – Y-Type™ Belt Cleaner Installation Instructions	5
Section 5 – Pre-Operation Checklist and Testing.....	8
5.1 Pre-Op Checklist.....	8
5.2 Test Run the Conveyor	8
Section 6 – Maintenance	9
6.1 New Installation Inspection.....	9
6.2 Routine Visual Inspection	9
6.3 Routine Physical Inspection.....	9
6.4 Blade Replacement Instructions.....	10
6.5 Maintenance Log.....	11
6.6 Cleaner Maintenance Checklist.....	12
Section 7 – Troubleshooting	13
Section 8 – Specs and CAD Drawings.....	14
8.1 Specs and Guidelines	14
8.2 CAD Drawing - Y-Type with White or Purple Urethane Blades.....	15
Section 9 – Replacement Parts.....	16
Section 10 – Other Flexco Conveyor Products.....	17

Section 1 – Important Information

1.1 General Introduction

We at Flexco are very pleased that you have selected a Y-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:

Web site: Flexco.com

Customer Service: USA: 1-800-541-8028

Australia: 61-2-8818-2000 • Chile: 56-2-8967870 • China: 86-21-33528388

England: 44-1274-600-942 • Germany: 49-7428-9406-0 • India: 91-44-4354-2091

Mexico: 52-55-5674-5326 • Singapore: 65-6281-7278 • South Africa: 27-11-608-4180

Please read this manual thoroughly and pass it on to any others who will be directly responsible for installation, operation and maintenance of this cleaner. 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 labor
- Lower maintenance budget costs
- Increased service life for the belt cleaner and other conveyor components

1.3 Service Option

The Y-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 Y-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 OSHA/MSHA Lockout/Tagout (LOTO) regulations, 29 CFR 1910.147, be followed before undertaking the preceding activities. Failure to use LOTO exposes workers to uncontrolled behavior 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 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. Unforeseeable 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

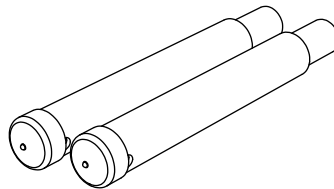
3.2 Optional Installation Accessories

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

77423

Pole Extender Kit

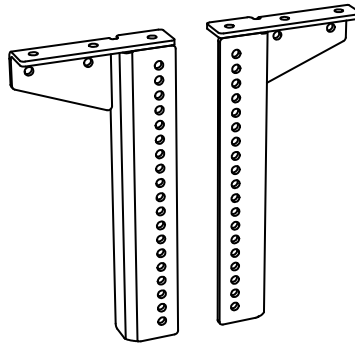
- Provides 30" (750mm) of extended pole length
- Includes 2 pole extenders



79434

MST Drop Bracket Kit

- Includes RH and LH drop brackets



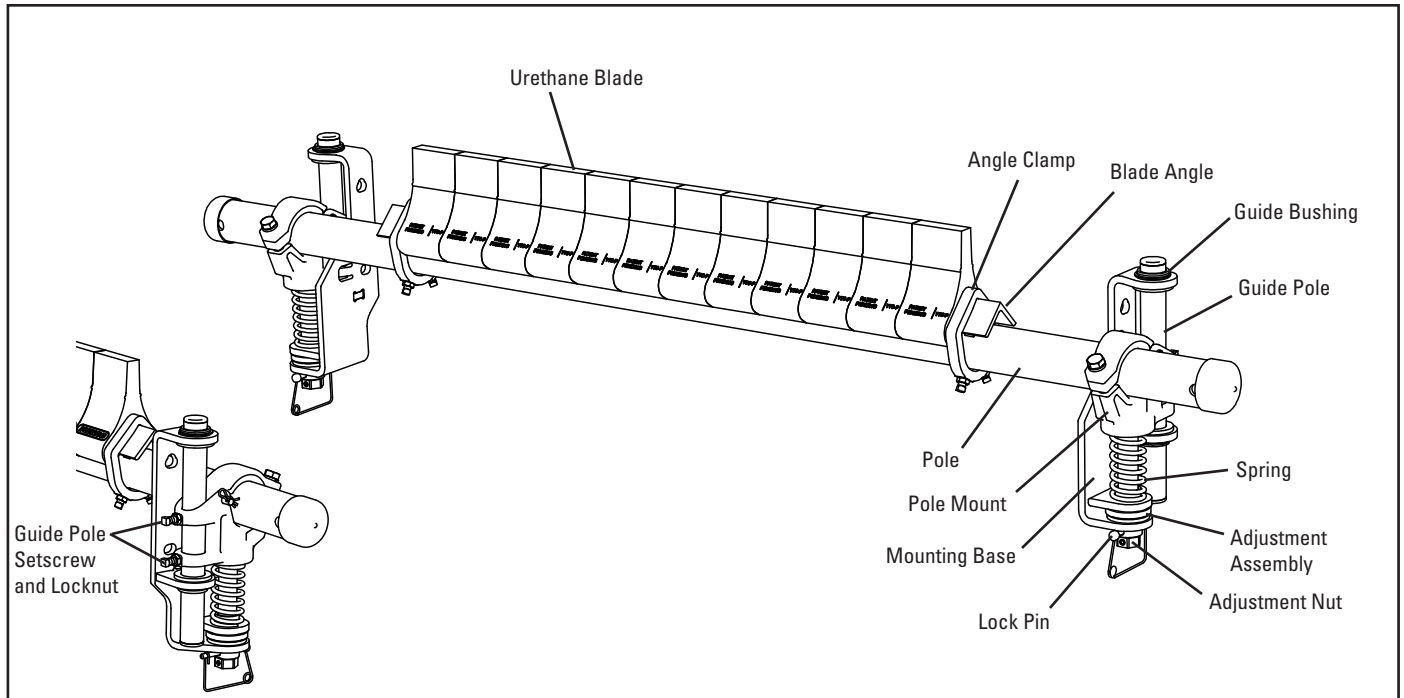
Optional Mounting Accessories

Description	Ordering Number	Item Code	Wt. Lbs.
Pole Extender Kit	RAPEK	77423	18.0
Drop Bracket Kit (RH & LH)	MSTDB	79434	27.7

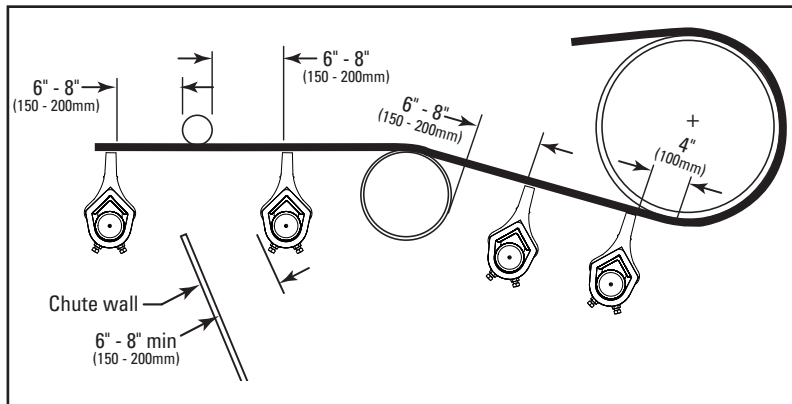
Lead time: 1 working day

Section 4 – Installation Instructions

Y-Type™ Secondary Belt Cleaner



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



Tools Needed

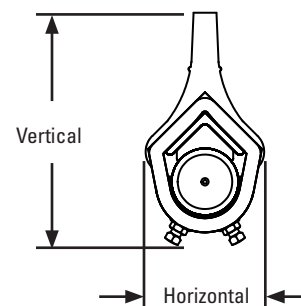
- Tape Measure
- 3/8" (10mm) Wrench
- 9/16" (14mm) Wrench
- 3/4" (19mm) Wrench
- 1 1/8" (29mm) Wrench
- Ratchet With 3/4" (19mm) Socket
- (2) 6" C-Clamps (for Temporary Positioning of Mounting Brackets)
- Cutting Torch and/or Welder
- Marking Pen

Clearance Requirements for Installation

	Vertical	Horizontal
Y-Type® Cleaner	8-1/4" (210mm)	4-1/4" (108mm)

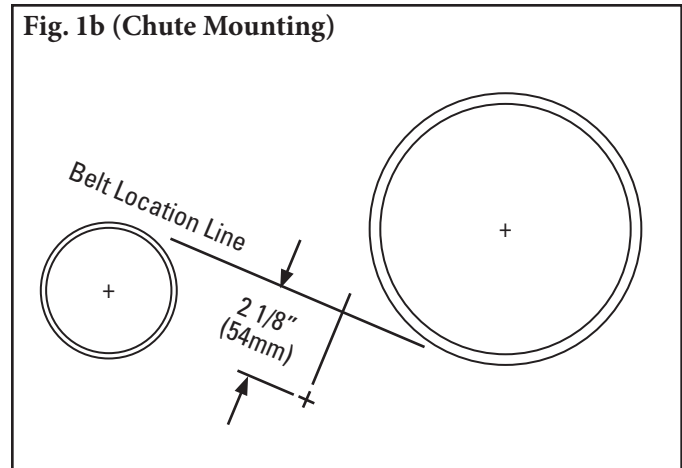
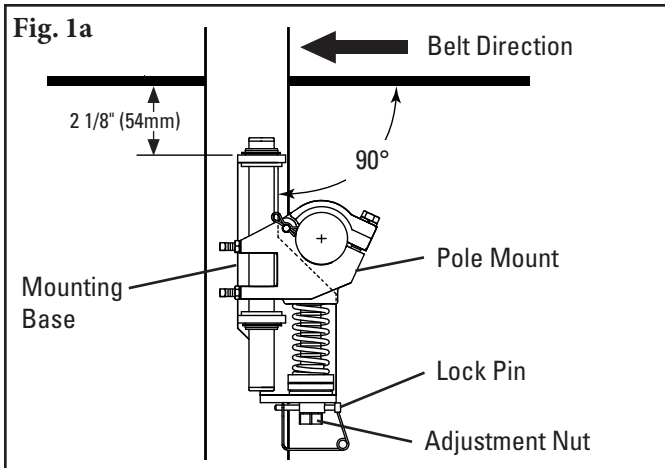
Before You Begin:

- 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 cleaner clearance requirements see chart at right.



Section 4 – Installation Instructions (cont.)

Y-Type™ Secondary Belt Cleaner



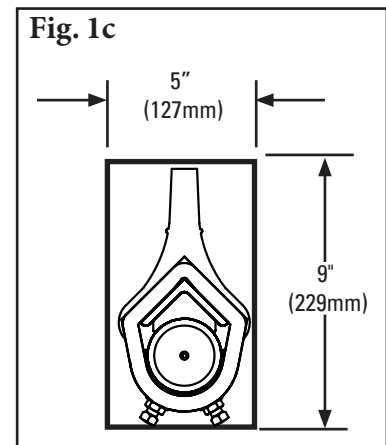
1. Install spring tensioner mounting bases.

Clamp the mounting base into position so the top flange is 2 1/8" (54mm) below the bottom of the belt and the mounting base is aligned perpendicular to the belt (Fig. 1a). Bolt or weld the mounting base in place. Locate and install the mounting base on the opposite side. Remove the tensioner lock pins and turn the adjustment nuts to fully lower the pole mount.

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 2 1/8" (54mm) below belt location line (Fig. 1b).

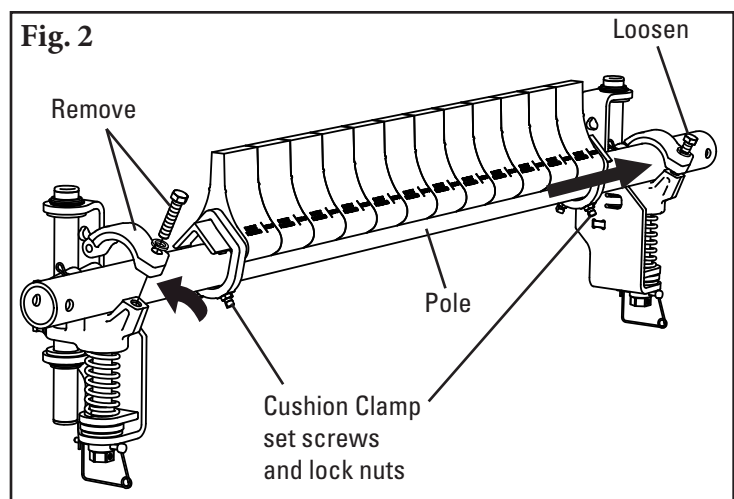
Locate a mounting bracket perpendicular to the belt location line (Fig. 1b), aligning the top mounting bracket flange with the 2 1/8" (54mm) mark. Bolt or weld in place. Repeat this step on the opposite side. Cut access holes as required (Fig. 1c).

NOTE: The mounting brackets must be aligned perpendicular to the belt.



2. Install the pole.

Remove pole clamp bolt and lift or remove top half of pole clamp from the tensioner on the near side of the conveyor, and loosen pole clamp bolt on the opposite side. Slide the pole across the conveyor and through the loosened pole clamp, then place the near end of pole in remaining pole clamp (Fig. 2). Replace top half of pole clamp, reinstall the bolt and tighten both bolts finger tight. Verify cushion clamp set screws and lock nuts are tight.

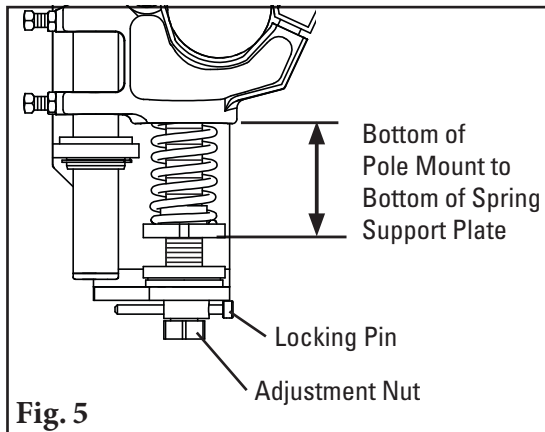
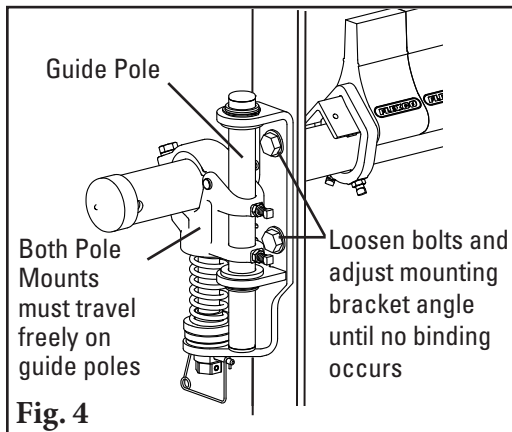
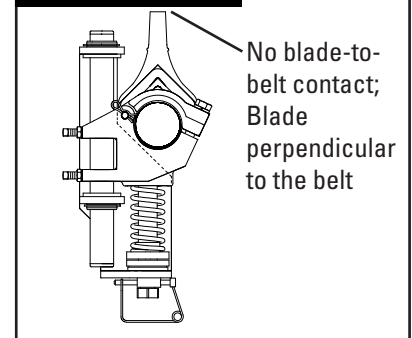


Section 4 – Installation Instructions (cont.)

Y-Type™ Secondary Belt Cleaner

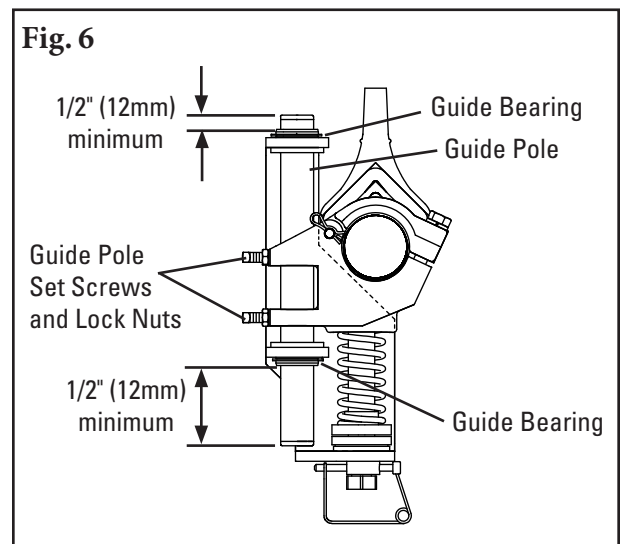
- Set the blade angle.** Center the blades on the belt. Rotate the pole until the blades are perpendicular to the belt (Fig. 3). Tighten the pole clamp bolt on each tensioner to lock the pole in place. There should be NO tip-to-belt contact while locking the pole in the correct position. If contact occurs, double check the dimension from Step 1.
- Ensure the tensioner travels freely.** Pull up and push down on each pole end to ensure the pole mount travels freely on the guide pole. If there is any sign of binding, loosen the bolts on the mounting base and pivot until the tensioner moves freely (Fig. 4). Retighten bolts.
- Set the blade tension.** Turn the adjustment nuts until the correct spring compression is reached (Fig. 5). Spring compression is determined by the spring length. See the chart below for the correct spring length for your belt width. Replace locking pins.

Fig. 3



Blade Width		Spring Length	
in.	mm	in.	mm
18	450	3 3/8	86
24	600	3 1/4	83
30	750	3 1/8	79
36	900	3	76
42	1050	3	76
48	1200	2 7/8	73

- Secure guide pole.** Ensure the ends of the guide pole extend at least 1/2" outside top and bottom guide bearings. If adjustment is necessary, loosen guide pole set screws and lock nuts, then tap guide pole up or down. Tighten guide pole set screws and lock nuts (Fig. 6).
- Check movement of each tensioner** to ensure they do not bind up. If there are binding concerns, refer to Step 4.



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.
- If vibration occurs or more cleaning efficiency is desired, increase the blade tension by making 1/8" (3mm) compression adjustments on the tension springs.
- 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 Y-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 spring length is the correct length for optimal tensioning.
- If pole can move up and down with no binding of the tensioners.
- 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.
- Verify pole can move smoothly up and down.
- 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 the steps on page 7.
- 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)

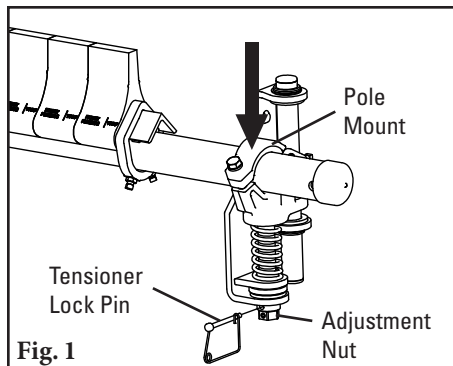


Fig. 1

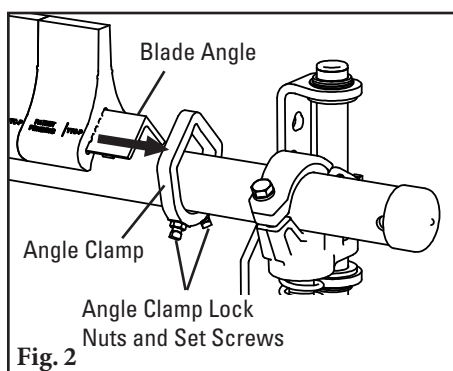


Fig. 2

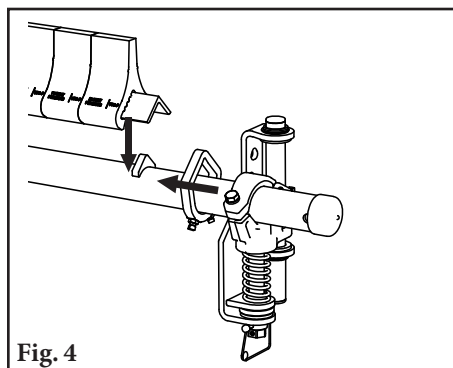


Fig. 4

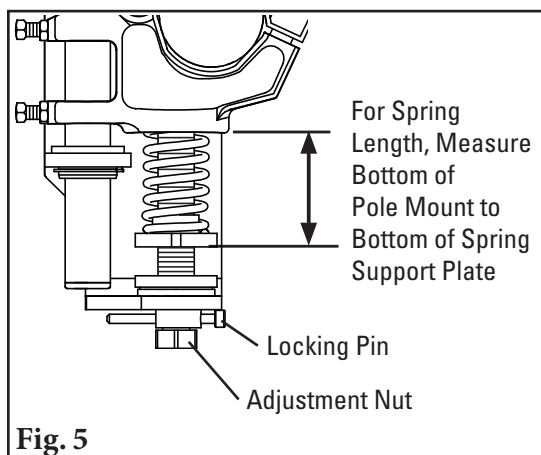


Fig. 5

BEFORE YOU BEGIN:

Physically Lock Out And Tag The Conveyor At The Power Source.

1. Lower the cleaner away from the belt.

Remove the tensioner lock pins and turn the adjustment nuts to fully lower the pole mounts (Fig. 1).

2. Remove the blade angle from the pole.

Loosen the angle clamp lock nuts and set screws on both sides of the cleaner (Fig. 2). Slide the angle clamps off each end of the angle and remove the blade angle assembly from pole.

3. Replace the cushions.

Cushions may be removed from the angle by sliding them off each end, or the entire angle with all cushions may be replaced as one.

4. Reinstall the blade angle.

Set new cushions and angle back on the pole and slide angle clamps back on the angle (Fig. 4). Center blades to belt. Tighten the angle clamp set screws and lock nuts on both sides.

5. Set the blade tension.

Turn the adjustment nuts until the correct spring compression is reached (Fig 4). Spring compression is determined by the spring length. See the chart below for the correct spring length for your belt width. Replace locking pins.

6. Check movement of each tensioner to ensure they do not

bind up. If there are binding concerns, refer to Step 4 of installation instructions (page 7).

Blade Width		Spring Length	
in.	mm	in.	mm
18	450	3 3/8	86
24	600	3 1/4	83
30	750	3 1/8	79
36	900	3	76
42	1050	3	76
48	1200	2 7/8	73

7. **Test run the cleaner and inspect cleaning performance.** If vibration occurs or more cleaning efficiency is desired, increase the blade tension by making 1/8" compression adjustments on the tension springs.

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 # _____

Activity: _____

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: 18" (450mm) 24" (600mm) 30" (750mm) 36" (900mm) 42" (1050mm) 48" (1200mm)

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

Measurement of spring: Required _____ Currently _____

Was Cleaner Adjusted: Yes No

Pole Condition: Good Bent Worn

Lagging: Slide 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 precleaner
	Excessive sticky material	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 precleaner
	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
Missing material in belt center 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
Tensioners binding	Tensioners not aligned properly	Adjust mounting bases until tensioners travel without binding
	Material buildup on tensioner guide pole	Clean off guide pole

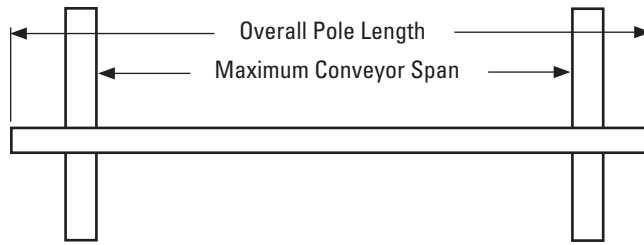
Section 8 – Specifications and CAD Drawings

8.1 Specifications and Guidelines

Pole Length Specifications

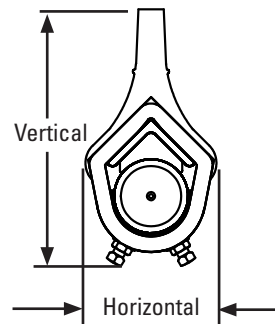
Cleaner Size		Pole Length		Maximum Conveyor Span	
in.	mm	in.	mm	in.	mm
18	450	48	1200	40	1025
24	600	54	1350	46	1175
30	750	60	1500	52	1325
36	900	66	1650	58	1475
42	1050	72	1800	64	1625
48	1200	78	1950	70	1775

Pole Length - Belt +30" (750mm)
 Pole Diameter - 2-3/8" (60mm)



Clearance Guidelines for Installation

Cleaner Type	Belt Width/ Cleaner Size		Horizontal Clearance Required		Vertical Clearance Required	
	in.	mm	in.	mm	in.	mm
Y-Type®	18 - 48	450 - 1200	4-1/4	110	8-1/4	210



Y-Type Blade Specifications

Cushion	Durometer	Temperature Range
Purple (Standard)	86A	-30° to 180°F -35° to 82° C
White (Food Grade) ‡	83A	-30° to 180°F -35° to 82° C

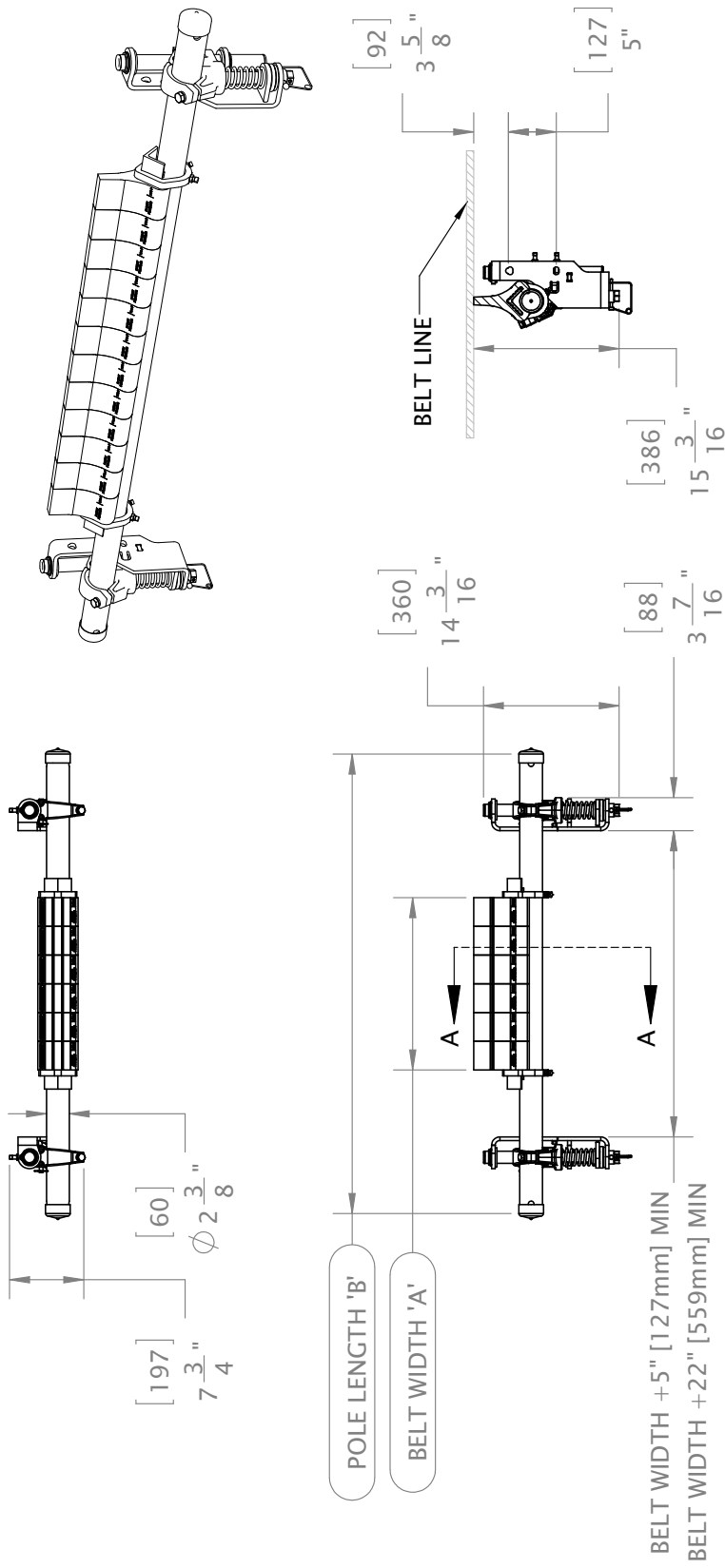
‡ All ingredients used in the urethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

Specifications:

- Maximum Belt Speed.....600 FPM (3M/sec)
- Temperature Rating.....-30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length.....2" (50mm)
- Blade Materials.....**Purple:** Urethane (proprietary blend for abrasion resistance and long wear)
White: Urethane (chemical resistant/food grade)
- Available for Belt Widths.....18" to 48" (450 to 1200mm)
Other sizes available upon request.

Section 8 – Specifications and CAD Drawings (cont.)

8.2 CAD Drawing – Y-Type™

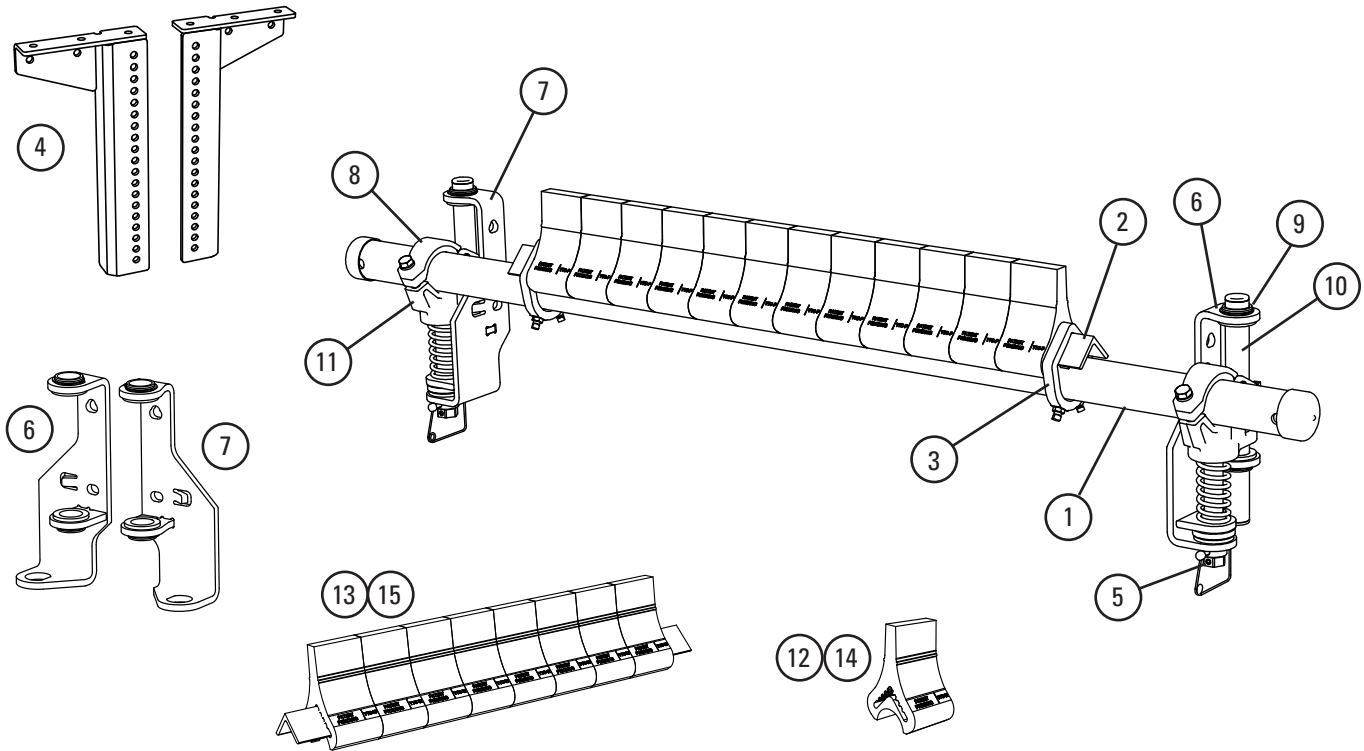


SPECIFICATIONS		BLADE TYPE		ORDER NUMBER		ITEM CODE		POLE		BLADE ANGLE	
BELT WIDTH 'A'	POLE LENGTH 'B'	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
18	450	48	1219	PURPLE	YT-18	79605	YTP-18	79587	YTA-18	79593	
				WHITE	YT-18	79599					
24	600	54	1371	PURPLE	YT-24	79606	YTP-24	79588	YTA-24	79594	
				WHITE	YT-24	79600					
30	700	60	1524	PURPLE	YT-30	79607	YTP-30	79589	YTA-30	79595	
				WHITE	YT-30	79601					
36	900	66	1676	PURPLE	YT-36	79608	YTP-36	79590	YTA-36	79596	
				WHITE	YT-36	79602					
42	1050	72	1829	PURPLE	YT-42	79609	YTP-42	79591	YTA-42	79597	
				WHITE	YT-42	79603					
48	1200	78	1981	PURPLE	YT-48	79610	YTP-48	79592	YTA-48	79598	
				WHITE	YT-48	79604					



Section 9 – Replacement Parts List

9.1 Replacement Parts List- Y-Type™ Secondary Belt Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Y-Type™ Pole	YTP-18	79587	20.2
	24" (600mm) Y-Type Pole	YTP-24	79588	22.7
	30" (750mm) Y-Type Pole	YTP-30	79589	25.2
	36" (900mm) Y-Type Pole	YTP-36	79590	27.7
	42" (1050mm) Y-Type Pole	YTP-42	79591	30.2
	48" (1200mm) Y-Type Pole	YTP-48	79592	32.7
2	18" (450mm) Y-Type Cushion Angle	YTA-18	79593	5.7
	24" (600mm) Y-Type Cushion Angle	YTA-24	79594	7.3
	30" (750mm) Y-Type Cushion Angle	YTA-30	79595	8.9
	36" (900mm) Y-Type Cushion Angle	YTA-36	79596	10.4
	42" (1050mm) Y-Type Cushion Angle	YTA-42	79597	12.0
	48" (1200mm) Y-Type Cushion Angle	YTA-48	79598	13.6
3	Y-Type Angle Clamp*	YTAC	79623	2.2
4	MST Drop Bracket Kit (incl. L & R brackets)	MSTDB	79434	27.7
5	MST Adjusting Mechanism	MSTAM	79435	2.8
6	MST Mounting Bracket LH (incl. bushings)	MST-MBL	79436	5.7
7	MST Mounting Bracket RH (incl. bushings)	MST-MBR	79437	5.7
8	MST Clamp*	MSTC	79438	1.9
9	MST Bushing Kit (incl. 4 bushings)	MSTBK	79440	.2
10	MST Guide Pole	MSTGT	79441	1.5
11	MST Pole Mount*	MSTPM	79452	6.3
-	MST Tensioner w/White Spring (incl. 1 ea. items 6 & 7; 2 ea. items 5, 8, 10 & 11)	MST-W	79429	34.8

*Hardware included
Lead time: 1 working day

Replacement Blades/Blade Cartridges

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
12	Y-Type White Blade (single)	YTC-W	79572	1.2
13	18" (450mm) Y-Type White Blade Cartridge	YTP-18	79611	13.1
	24" (600mm) Y-Type White Blade Cartridge	YTP-24	79612	17.1
	30" (750mm) Y-Type White Blade Cartridge	YTP-30	79613	21.1
	36" (900mm) Y-Type White Blade Cartridge	YTP-36	79614	25.1
	42" (1050mm) Y-Type White Blade Cartridge	YTP-42	79615	29.1
	48" (1200mm) Y-Type White Blade Cartridge	YTP-48	79616	33.1
14	Y-Type Purple Blade (single)	YTC-P	79573	1.2
15	18" (450mm) Y-Type Purple Blade Cartridge	YTA-18	79617	13.1
	24" (600mm) Y-Type Purple Blade Cartridge	YTA-24	79618	17.1
	30" (750mm) Y-Type Purple Blade Cartridge	YTA-30	79619	21.1
	36" (900mm) Y-Type Purple Blade Cartridge	YTA-36	79620	25.1
	42" (1050mm) Y-Type Purple Blade Cartridge	YTA-42	79621	29.1
	48" (1200mm) Y-Type Purple Blade Cartridge	YTA-48	79622	33.1

Lead time: 1 working day

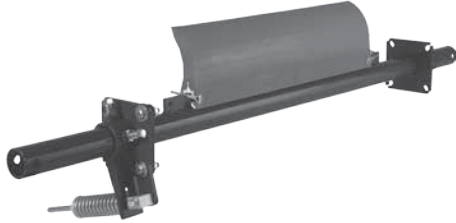
Blades Required per Cleaner Size

in.	18	24	30	36	42	48
mm	450	600	750	900	1050	1200
Blades Required	6	8	10	12	14	16

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

Flexco Slider and 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 HD Secondary Cleaner



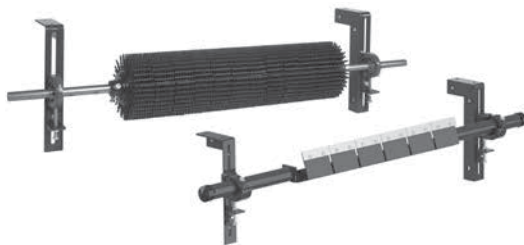
- Long-wearing tungsten carbide blades for superior cleaning efficiency
- Patented PowerFlex™ cushions independently tension each blade to the belt for consistent, constant cleaning power
- Easy to install, simple to service
- Works with Flexco mechanical belt splices

PT Smart™ Belt Trainer



- Patented “pivot & tilt” design for superior training action
- Dual sensor rollers on each side to minimize belt damage
- Pivot point guaranteed not to seize or freeze up
- Simple brackets and component construction ensure a quick and easy installation

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 Plows



- 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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