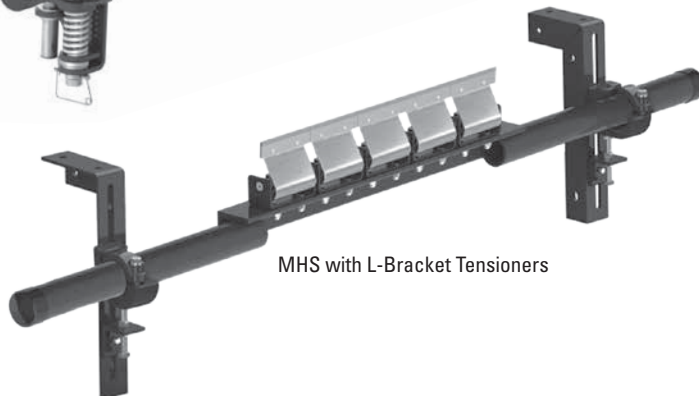
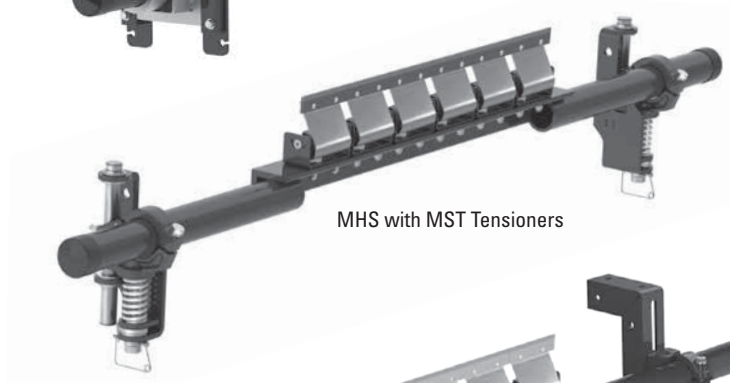
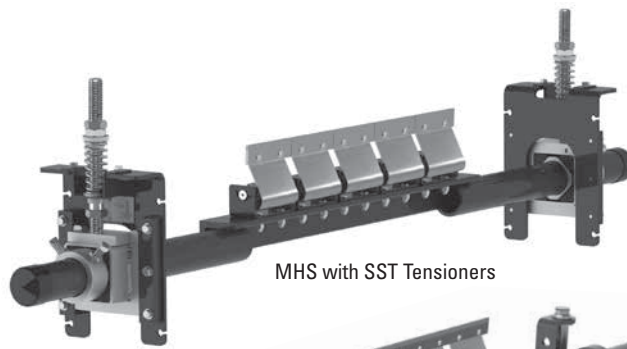


# MHS HD Secondary Belt Cleaner

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## Installation, Operation and Maintenance Manual

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# MHS HD Secondary Cleaner

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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.

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# Section 1 - Important Information

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## 1.1 General Introduction

We at Flexco are very pleased that you have selected an MHS HD Secondary 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 contact your field representative or our Customer Service Department:

**Customer Service: +27-11-608-4180**

**Visit [www.flexco.com](http://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 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 MHS HD Secondary 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

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Before installing and operating the MHS HD Secondary 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.

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## 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. 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

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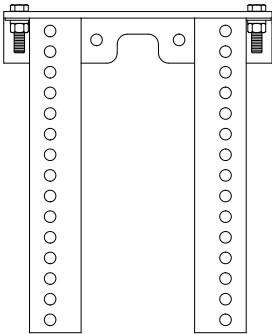
### 3.1 Checklist

- 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)

# Section 3 - Pre-installation Checks and Options

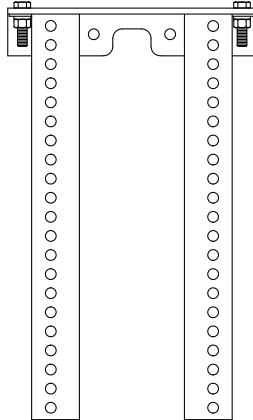
## 3.2 Optional Installation Accessories

Versatile, adjustable brackets that can be mounted on the conveyor structure so the MHS HD Secondary Cleaner can be quickly and easily bolted into place. Pole extenders are also available for wide, non-standard conveyor structures.



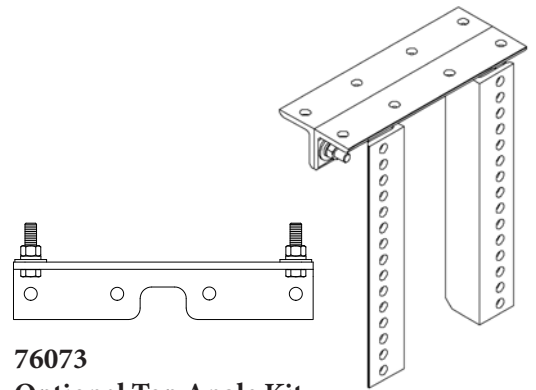
**76071**  
**Standard Mounting Bracket Kit**

- For most secondary cleaner installs.
- 325mm W x 388mm L



**76072**  
**Long Mounting Bracket Kit**

- For installations that require extra length legs.
- 325mm W x 538mm L

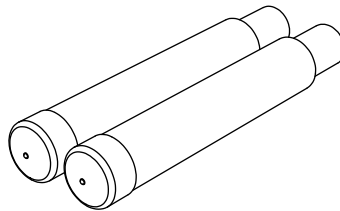


**76073**  
**Optional Top Angle Kit**

- Used with both standard and long mounting bracket kits for additional mounting options.
- 325mm L

**76024**  
**Pole Extender Kit** (includes 2 pole extenders)

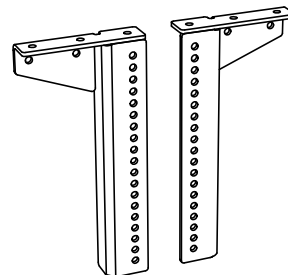
- For cleaner sizes 1800mm and larger
- Provides 750mm of extended pole length



**Optional Mounting Kits**

Description	Ordering Number	Item Code	Wt. Kg.
Standard Mounting Bracket Kit*	SSTSMB	76071	15.6
Long Mounting Bracket Kit*	SSTLMB	76072	19.7
Optional Top Angle Kit*	SSTOTA	76073	4.8
Pole Extender Kit	MAPEK	76024	9.0
MST Drop Bracket Kit	MSTDB	79434	12.0

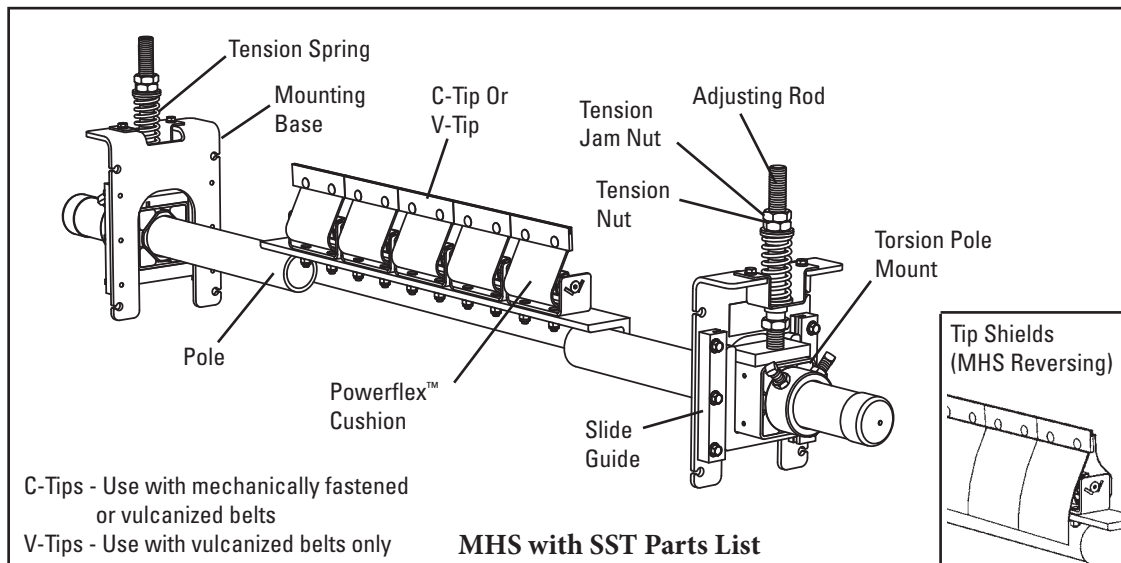
\*Hardware Included  
Lead time: 1 working day



**79434**  
**MST Drop Bracket Kit** (includes 2 brackets)  
(for MST Tensioner only)

## Section 4.1 - Installation Instructions

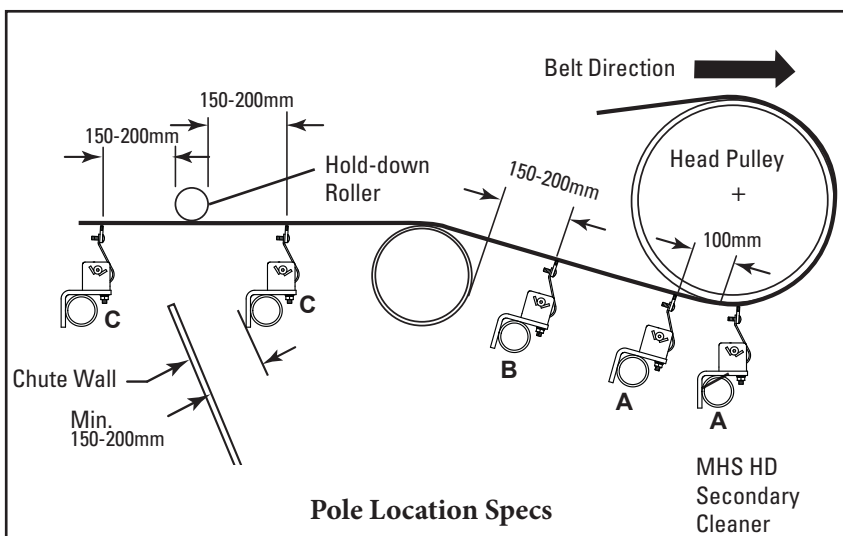
### MHS HD Standard & Reversing Secondary Cleaners with SST



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

#### Tools Needed:

- |                                                                                                                                                                     |                                                                                                                                                                |                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• 14mm (9/16") Wrench</li> <li>• 19mm (3/4") Wrench</li> <li>• 22mm (7/8") Wrench</li> <li>• 35mm (1-3/8") Wrench</li> </ul> | <p><b>OR</b></p> <ul style="list-style-type: none"> <li>Large Adjustable/Crescent Wrenches (x2)</li> <li>• Clamps (x2)</li> <li>• Torch (as needed)</li> </ul> | <ul style="list-style-type: none"> <li>• Welder (as needed)</li> <li>• Tape Measure</li> <li>• Level</li> <li>• Marking Pen or Soapstone</li> </ul> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

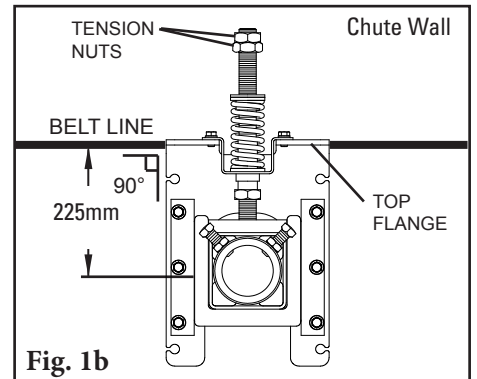
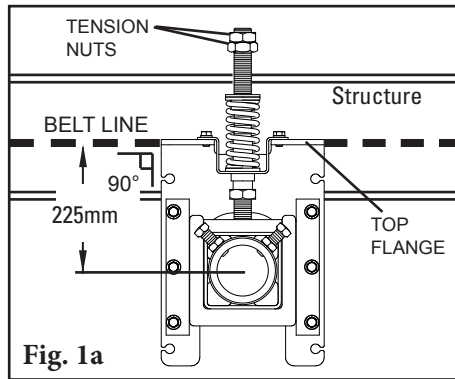




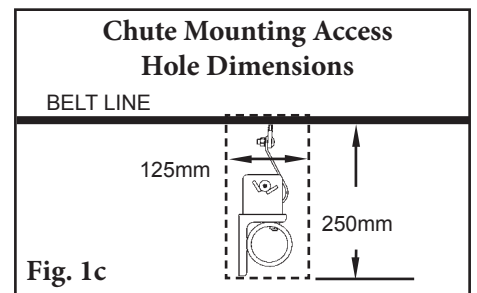
# Section 4.1 - Installation Instructions

## MHS HD Standard & Reversing Secondary Cleaners with SST

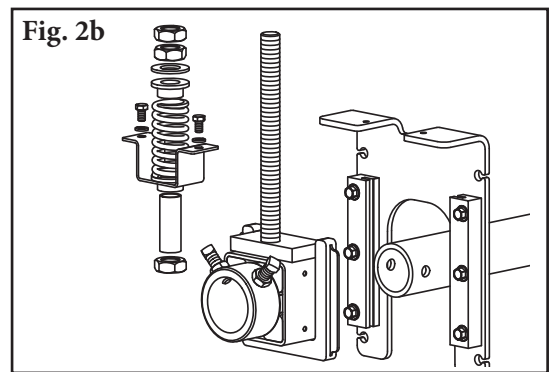
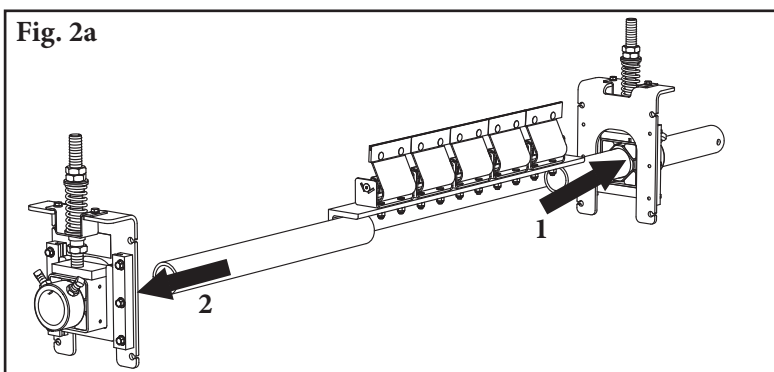
1. **Install the spring tensioner mounting bases.** (For push-up tensioning refer to additional instructions on Page 10.) Clamp the mounting base into position so the top flange of the base is aligned with the belt (Fig. 1a). Bolt or weld the mounting base in place. Locate and install the mounting base on the opposite side. Adjust the tension nuts on each side so the centre of the torsion pole mount is 225 mm (9") below the belt line.



**NOTE:** For chute mounting, a belt location line must be drawn on the chute wall so the mounting base can be aligned with the belt (Fig. 1b). Cut access holes as needed (Fig. 1c).

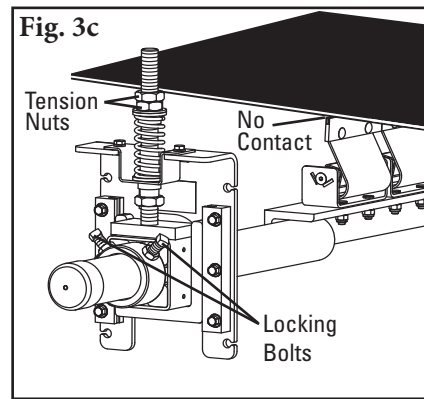
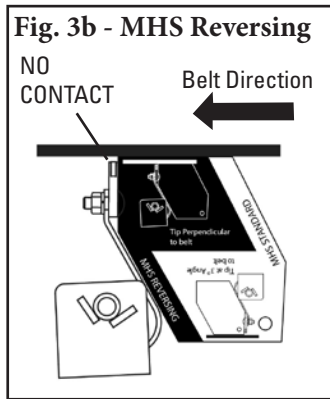
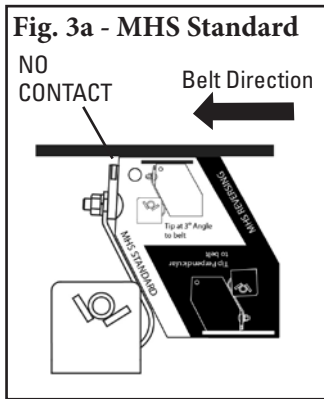


2. **Install the pole.** Slide the pole into one torsion pole mount as far as needed and locate the other end into the opposite mount (Fig. 2a). If there is not enough space, remove one of the torsion pole mounts from the mounting base, slide the pole through the mounting base and reassemble (Fig. 2b).



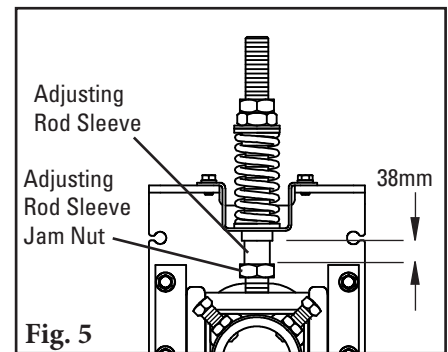
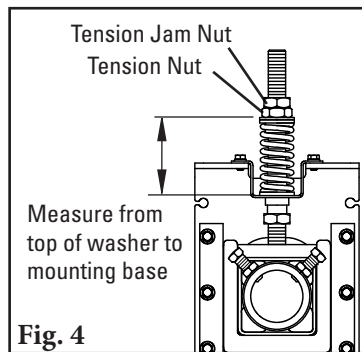
# Section 4.1 - Installation Instructions

## MHS HD Standard & Reversing Secondary Cleaners with SST



3. **Set the blade angle.** Centre the pole/blades on the belt. **For MHS Standard:** Rotate the pole until the tips align with the white “MHS Standard” side of the tip setup gauge provided (Fig. 3a). **For MHS Reversing:** Rotate the pole until the tips are perpendicular to the belt, using the black “MHS Reversing” side of the tip setup gauge provided (Fig. 3b). Tighten the two locking bolts on each torsion pole mount to lock the pole in place (Fig. 3c). There should be no blade-to-belt contact while locking the pole in the correct position. If contact occurs, double check the dimension from Step 1.

4. **Set the blade tension.** Loosen the top tension jam nuts on both sides. Turn the tension nuts until the correct spring compression is reached (Fig. 4). Spring compression is determined by spring length. See the chart below for the correct spring length for your belt width.



5. **Set adjusting rod sleeve.** After setting the blade tension, screw the adjusting rod sleeve into the UHMW bushing until 38mm is showing (Fig. 5). Tighten the adjusting rod sleeve jam nut.

### SST Tensioner Spring Length Chart

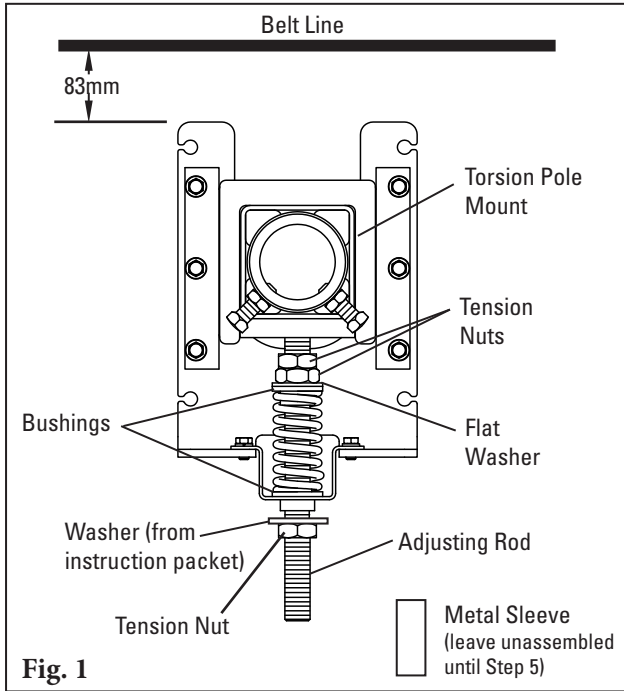
Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
450	18	86	3 3/8	102	4	N/A	N/A	N/A	N/A
600	24	79	3 1/8	98	3 7/8	N/A	N/A	N/A	N/A
750	30	73	2 7/8	95	3 3/4	N/A	N/A	N/A	N/A
900	36	N/A	N/A	95	3 3/4	98	3 7/8	N/A	N/A
1050	42	N/A	N/A	92	3 5/8	95	3 3/4	N/A	N/A
1200	48	N/A	N/A	89	3 1/2	92	3 5/8	N/A	N/A
1350	54	N/A	N/A	86	3 3/8	92	3 5/8	95	3 3/4
1500	60	N/A	N/A	83	3 1/4	89	3 1/2	95	3 3/4
1800	72	N/A	N/A	N/A	N/A	86	3 3/8	92	3 5/8
2100	84	N/A	N/A	N/A	N/A	79	3 1/8	89	3 1/2
2400	96	N/A	N/A	N/A	N/A	N/A	N/A	89	3 1/2
2700	108	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8
3000	120	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8

Shading indicates preferred spring option. Measure from the top of the flat washer to the mounting base to determine spring length.

6. **Test run the cleaner and inspect the cleaning performance.** If vibration occurs or more cleaning efficiency is desired, increase the blade tension by making 3 mm compression adjustments on the tension springs.

# Section 4.2 - Push-up Tensioning Instructions

## MHS HD Secondary Cleaner with SST Tensioners



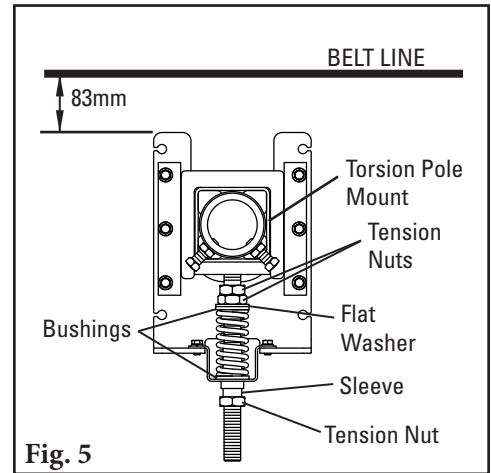
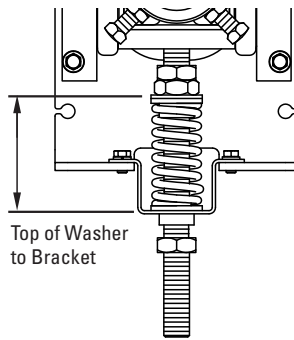
1. **Reconfigure the standard pull-up tensioner to the push-up style.** Remove the 3 tension nuts, the flat washer, 2 bushings, the spring, the sleeve and the hat bracket; reassemble (Fig. 1) with 2 tension nuts, the flat washer, 2 bushings, the spring and the hat bracket on the upper end of the adjusting rod. Add washer (from instruction packet) and 3rd tension nut to bottom of adjusting rod.
2. **Install the tensioner mounting bases.** Mount the bases to the structure or chute so that the tops of the base legs are 83mm below the belt (Fig. 1).
3. **Install the cleaner pole and set the blade angle.** Follow the installation steps from the cleaner instructions on Page 9. **Note:** be sure the lock bolts on the torsion pole mount have been securely tightened to lock the pole in place before moving to Step 4.

4. **Set the blade tension.** Remove the bottom tension nut and washer from the adjusting rod. Turn the 2 upper tension nuts until the spring is compressed to the length shown on the Spring Length Chart below. Tighten the 2 tension nuts together to prevent loosening.

**SST Tensioner Spring Length Chart**

Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
450	18	86	3 3/8	102	4	N/A	N/A	N/A	N/A
600	24	79	3 1/8	98	3 7/8	N/A	N/A	N/A	N/A
750	30	73	2 7/8	95	3 3/4	N/A	N/A	N/A	N/A
900	36	N/A	N/A	95	3 3/4	98	3 7/8	N/A	N/A
1050	42	N/A	N/A	92	3 5/8	95	3 3/4	N/A	N/A
1200	48	N/A	N/A	89	3 1/2	92	3 5/8	N/A	N/A
1350	54	N/A	N/A	86	3 3/8	92	3 5/8	95	3 3/4
1500	60	N/A	N/A	83	3 1/4	89	3 1/2	95	3 3/4
1800	72	N/A	N/A	N/A	N/A	86	3 3/8	92	3 5/8
2100	84	N/A	N/A	N/A	N/A	79	3 1/8	89	3 1/2
2400	96	N/A	N/A	N/A	N/A	N/A	N/A	89	3 1/2
2700	108	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8
3000	120	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8

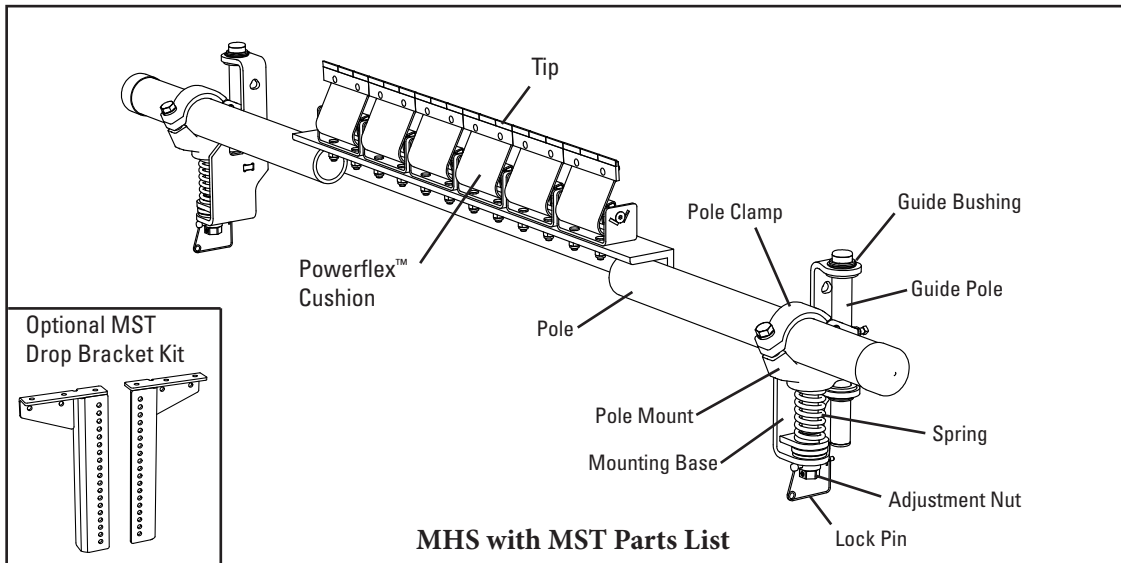
Shading indicates preferred spring option.  
Measure from the top of the flat washer to the mounting base to determine spring length.



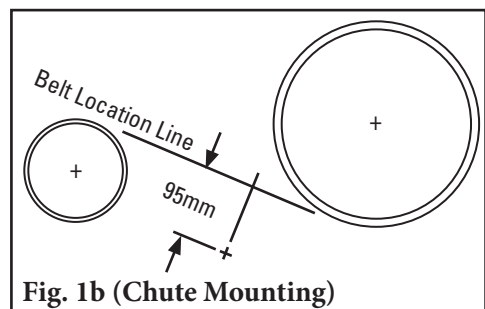
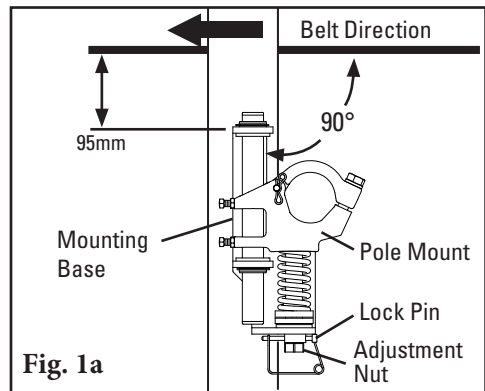
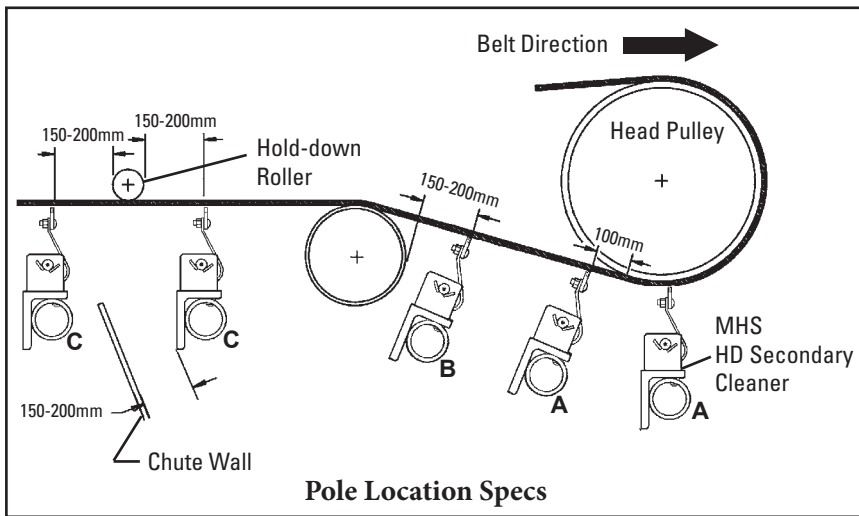
5. **Replace the sleeve.** Position the sleeve over the adjusting rod and turn it until it is in the middle of the bushing. Replace the bottom tension nut and tighten until it locks the sleeve in place (Fig. 5).

# Section 4.3 - Installation Instructions

## MHS HD Standard & Reversing Secondary Cleaners with MST for belts 450-1800mm

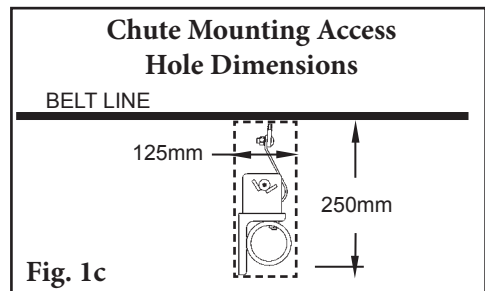


**Physically lock out and tag the conveyor at the power source before you begin cleaner installation.**



1. **Install the spring tensioner mounting bases.** The preferred mounting orientation relative to belt direction is shown in Fig. 1a; if necessary the tensioners may be mounted with the opposite belt direction. Clamp the mounting base into position so the top flange is 95mm below the bottom of the belt. 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.

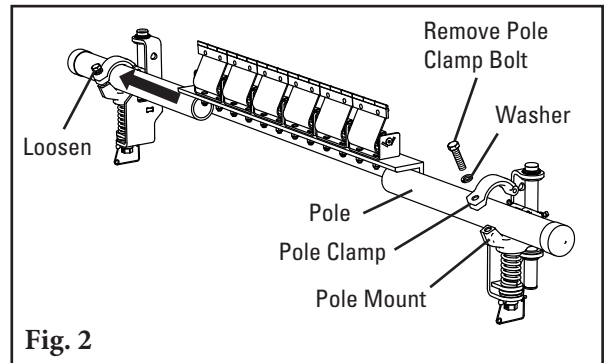
Note: For chute mounting, a belt location line must be drawn on the chute wall so the mounting base can be aligned 95mm below the belt (Fig. 1b). Cut access holes as needed.



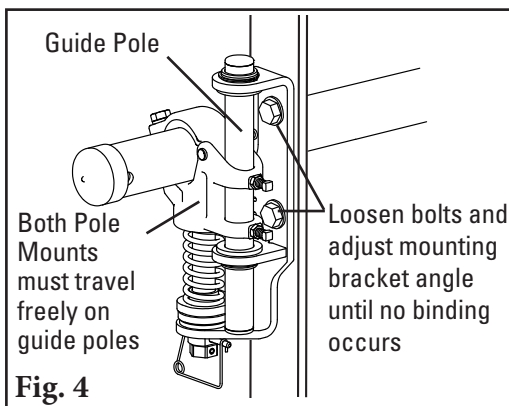
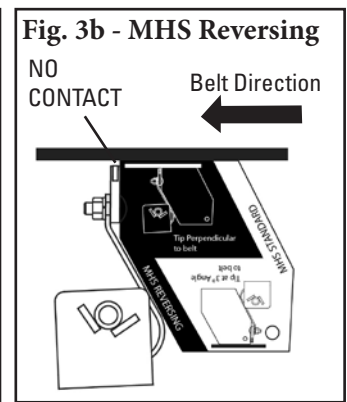
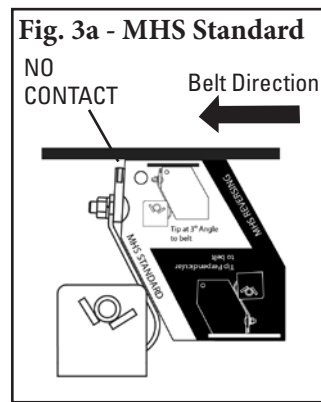
## Section 4.3 - Installation Instructions

### MHS HD Standard & Reversing Secondary Cleaners with MST

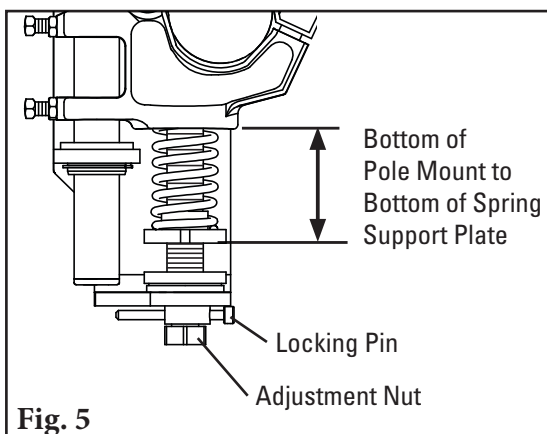
- Install the pole.** Remove pole clamp bolt and lift or remove top half of pole clamp from the tensioner on the near side of the conveyor, and loosen pole clamp bolt on the opposite side. Slide the pole across the conveyor and through the loosened pole clamp, then place the near end of pole in remaining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



- Set the blade angle.** Centre the pole/blades on the belt. **For MHS Standard:** Rotate the pole until the tips align with the white “MHS Standard” side of the tip setup gauge provided (Fig. 3a). **For MHS Reversing:** Rotate the pole until the tips are perpendicular to the belt, using the black “MHS Reversing” side of the tip setup gauge provided (Fig. 3b). Tighten the pole clamp bolt on each pole mount to lock the pole in place. There should be no blade-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.



#### MST Tensioner Spring Length Chart

Blade Width	2 White Springs	2 Silver Springs	2 Black Springs
mm	mm	mm	mm
450	73	86	89
600	67	86	86
750	60	83	86
900	54	79	83
1050	48	76	79
1200	N/A	73	79
1350	N/A	73	76
1500	N/A	70	73
1800	N/A	64	70

Shading indicates preferred spring option.

## Section 4.3 - Installation Instructions

### MHS HD Standard & Reversing Secondary Cleaners with MST

6. **Secure guide poles.** Ensure the ends of the guide pole extend at least 12mm 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).
7. **Check movement of each tensioner** to ensure they do not bind up. If there are binding concerns, refer to Step 4.
8. **Test run the cleaner and inspect the cleaning performance.** If vibration occurs or more cleaning efficiency is desired, increase the blade tension by making 1/8" (3.18mm) compression adjustments on the tension springs.

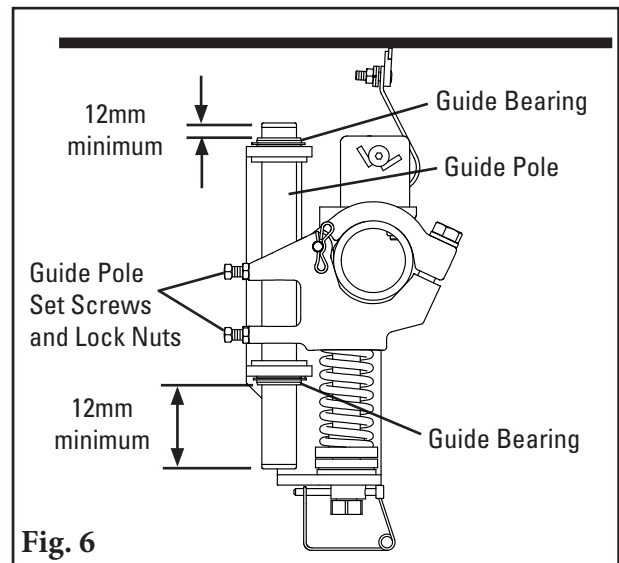
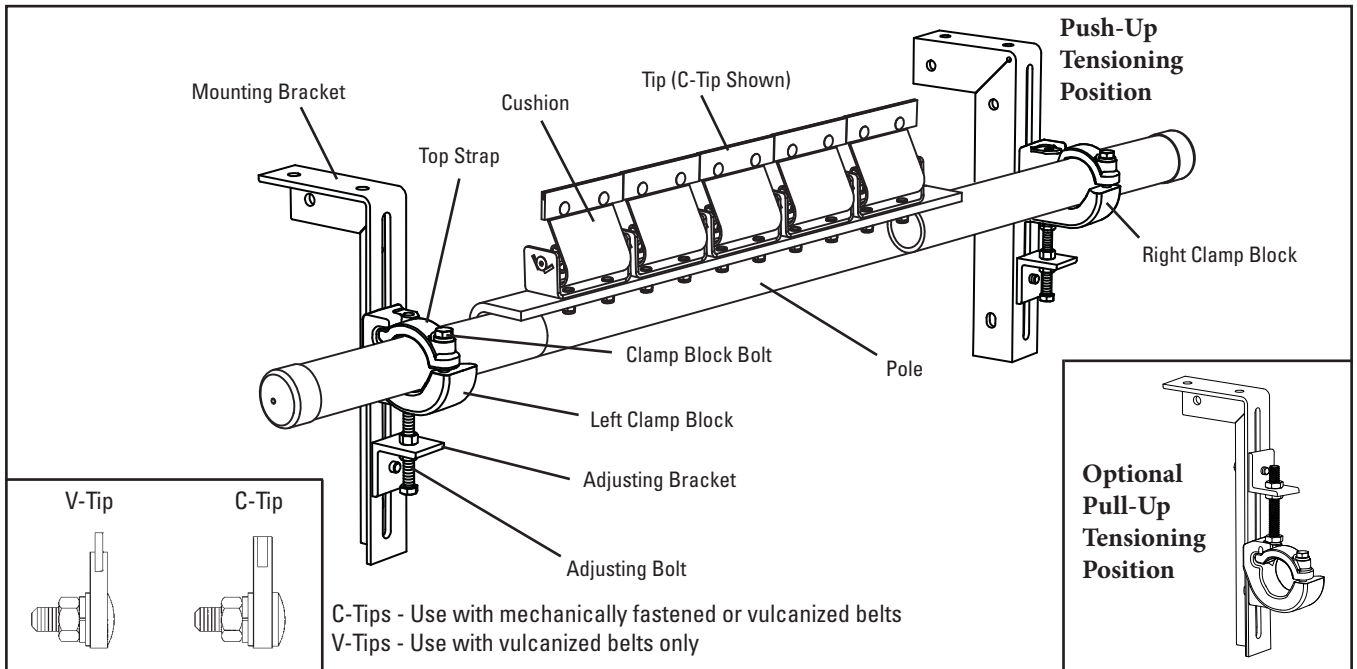


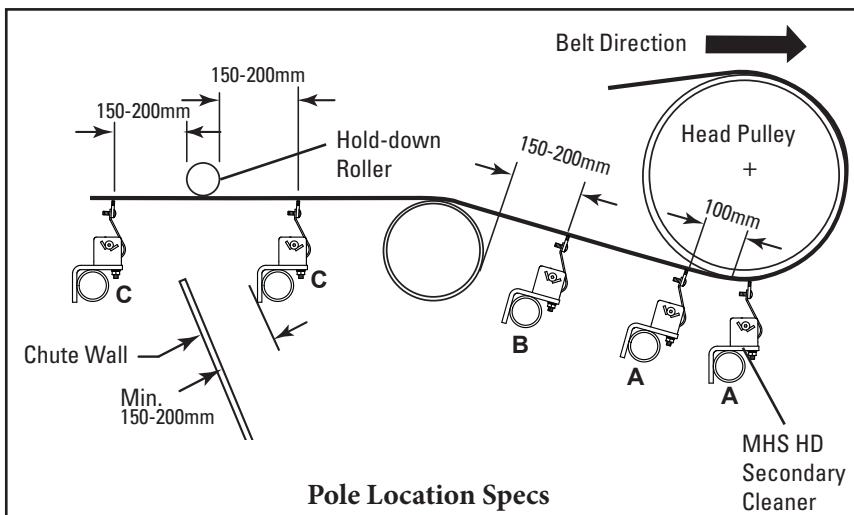
Fig. 6

## Section 4.4 - Installation Instructions

### MHS Standard & Reversing Secondary Cleaners with L-Bracket Tensioner



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



#### Tools Needed

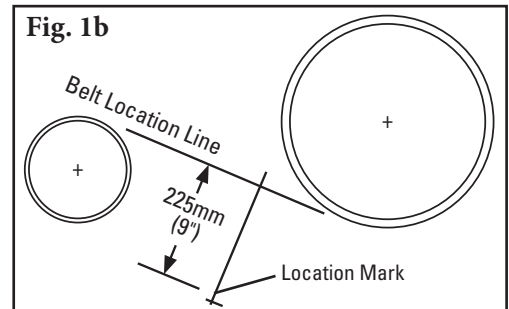
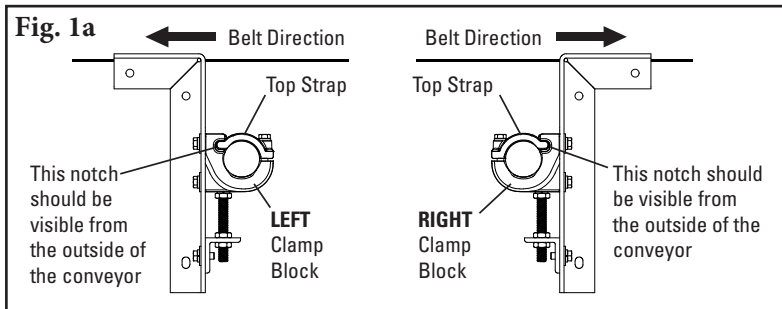
- Tape Measure
- 19mm Wrench
- Ratchet with (19mm) Socket
- (2) 150mm C-Clamps (for Temporary Positioning of Mounting Brackets)
- Cutting Torch and/or Welder
- Marking Pen

#### 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 4.4 - Installation Instructions

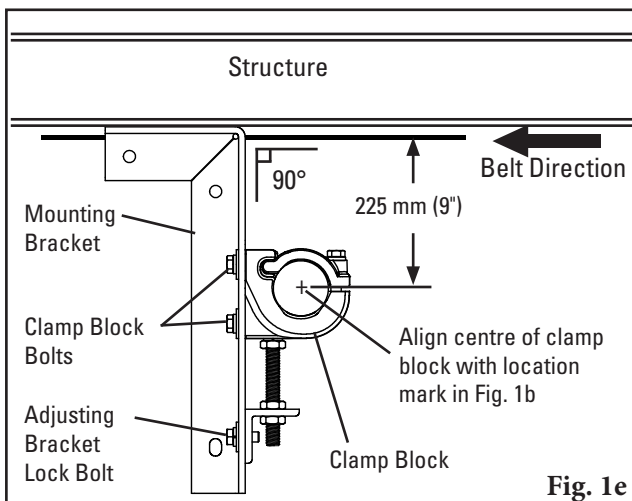
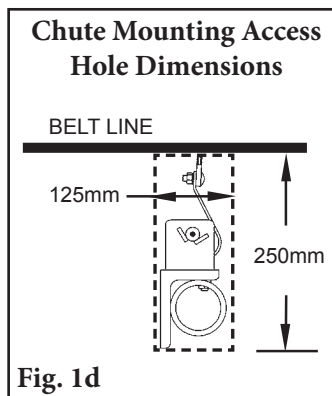
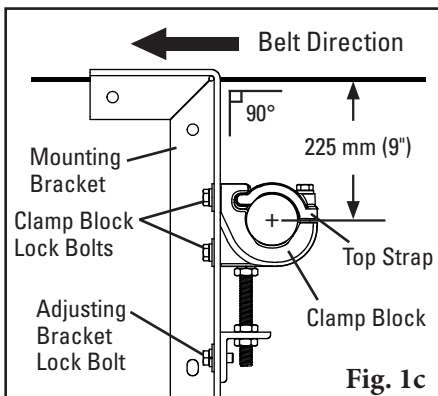
## MHS with L-Bracket Tensioner



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 225 mm (9") below belt location line (Fig. 1b). Locate a mounting bracket along this line allowing the centreline of the clamp block to align with this 225 mm (9") 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 centre of the hole is 225 mm (9") 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.



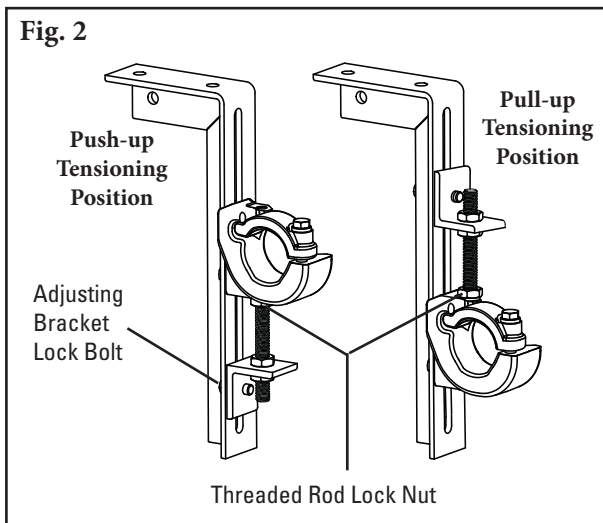
**For structure mounting:** In most applications the standard mounting brackets will have adequate room to fit on the structure with no cutting. Clamp the mounting bracket into position (use 150mm clamps). Move the clamp block to align the centre of the block with a point 225 mm (9") below the belt (Fig. 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.



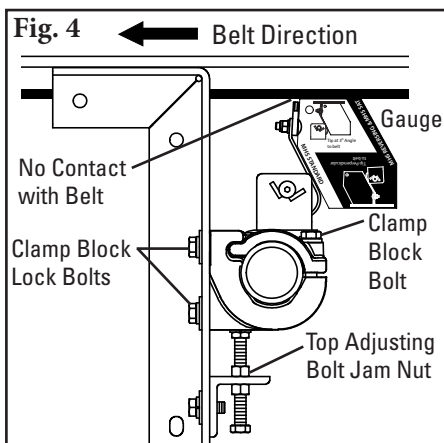
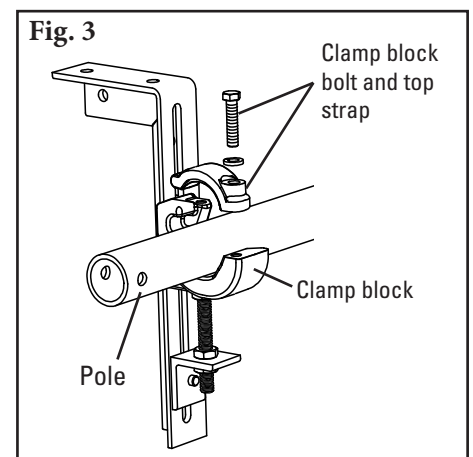
## Section 4.4 - Installation Instructions

### MHS with L-Bracket Tensioner

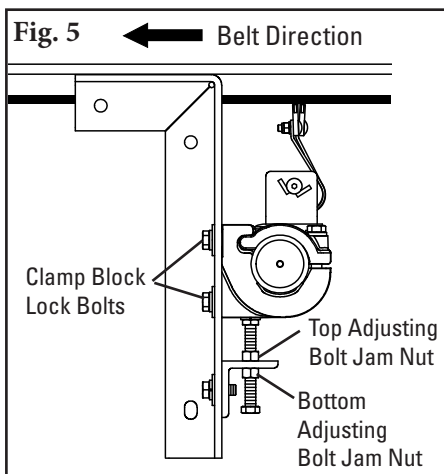


2. **Choose the tensioner position.** The tensioner is shipped mounted in the push-up position. Depending upon the space constraints of the installation, the tensioner can be optionally mounted in a pull-up position. To do this, loosen the threaded rod lock nut, unscrew the threaded rod and remove adjusting 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, centre 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.** Slightly loosen all the clamp block lock bolts and turn the bottom adjusting bolt jam nuts down 5-6 turns (Fig. 5). Turn the top adjusting bolt jam nuts down until light contact is made between the blades and the full belt width. Make an additional 1½ turns on both top jam nuts and retighten the bottom jam nut. Tighten all clamp block lock bolts.

6. **Check the blade tension.** Pull back on the outside blade until the tip-to-belt contact is broken and release. If the cleaner is correctly tensioned the complete tip of the adjacent blade will be visible (Fig. 5). If not, add (or reduce) tension by making ½ turn adjustments on the adjusting bolt jam nuts as described in Step 5 until 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 the tensioner spring for recommended length (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

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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 MHS 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 should look for:

- If spring length is the correct length for optimal tensioning
- If belt looks clean or if there are areas that are dirty
- If 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 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 the chart on the cleaner or the one on Page 10 (SST spring tensioner) or Page 13 (MST spring tensioner).
- When maintenance tasks are completed, test run the conveyor to ensure the cleaner is performing properly

## Section 6 - Maintenance

---

### 6.4 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: \_\_\_\_\_

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Date: \_\_\_\_\_ Work done by: \_\_\_\_\_ Service Quote #: \_\_\_\_\_

Activity: \_\_\_\_\_

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Date: \_\_\_\_\_ Work done by: \_\_\_\_\_ Service Quote #: \_\_\_\_\_

Activity: \_\_\_\_\_

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Date: \_\_\_\_\_ Work done by: \_\_\_\_\_ Service Quote #: \_\_\_\_\_

Activity: \_\_\_\_\_

---

Date: \_\_\_\_\_ Work done by: \_\_\_\_\_ Service Quote #: \_\_\_\_\_

Activity: \_\_\_\_\_

---

# Section 6 - Maintenance

## 6.5 Cleaner Maintenance Checklist

Site: \_\_\_\_\_ Inspected by: \_\_\_\_\_ Date: \_\_\_\_\_

Belt Cleaner: \_\_\_\_\_ Serial Number: \_\_\_\_\_

### Beltline Information:

Beltline Number: \_\_\_\_\_ Belt Condition: \_\_\_\_\_

Belt Width:  450mm (18")  600mm (24")  750mm (30")  900mm (36")  1050mm (42")  1200mm (48")  1350mm (54")  1500mm (60")  1800mm (72")  2100mm (84")  2400mm (96")

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:  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

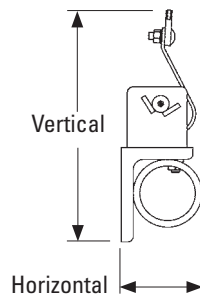
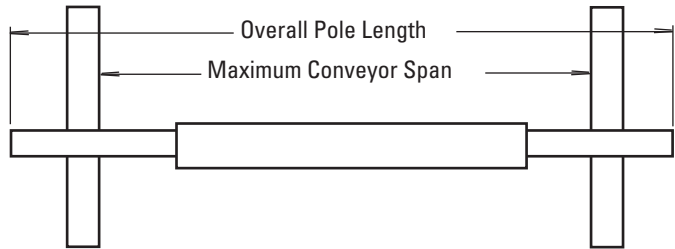
Problem	Possible Cause	Possible Solutions
Vibration	Cleaner secure bolts not set	Ensure all locking nuts are tight (Loctite)
	Cleaner not set up correctly	Ensure cleaner set up properly (check tip angle with gauge) MHS Standard 1°-3° into belt; MHS Reversing perpendicular
	Belt tension too high	Ensure 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
	Nylon bearing worn out or missing	Replace nylon bearing
Material buildup on cleaner	Cleaner not set up correctly	Ensure cleaner set up properly (1°-3° into belt)
	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) MHS Standard 1°-3° into belt; MHS Reversing perpendicular
	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) MHS Standard 1°-3° into belt; MHS Reversing perpendicular
	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) MHS Standard 1°-3° into belt; MHS Reversing perpendicular
	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
	Blade in backwards	Install blade correctly and set correct tension
Damage to mechanical fastener	Incorrect cleaner blade selection	Change blade type to accommodate fastener style (UC or UF)
	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
MST 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 - Specs and CAD Drawings

## 8.1 Specs and Guidelines

### Pole Length Specifications\*

CLEANER SIZE	BLADE WIDTH	POLE LENGTH	MAXIMUM CONVEYOR SPAN
mm	mm	mm	mm
600	600	1200	950
750	750	1350	1100
900	900	1500	1250
1050	1050	1650	1400
1200	1200	1800	1550
1350	1350	1950	1700
1500	1500	2200	1950
1800	1800	2350	2100
2100	2100	2650	2400
2400	2400	2950	2700



### Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
100	4	254	10

### SST Tensioner Spring Length Chart

Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
450	18	86	3 3/8	102	4	N/A	N/A	N/A	N/A
600	24	79	3 1/8	98	3 7/8	N/A	N/A	N/A	N/A
750	30	73	2 7/8	95	3 3/4	N/A	N/A	N/A	N/A
900	36	N/A	N/A	95	3 3/4	98	3 7/8	N/A	N/A
1050	42	N/A	N/A	92	3 5/8	95	3 3/4	N/A	N/A
1200	48	N/A	N/A	89	3 1/2	92	3 5/8	N/A	N/A
1350	54	N/A	N/A	86	3 3/8	92	3 5/8	95	3 3/4
1500	60	N/A	N/A	83	3 1/4	89	3 1/2	95	3 3/4
1800	72	N/A	N/A	N/A	N/A	86	3 3/8	92	3 5/8
2100	84	N/A	N/A	N/A	N/A	79	3 1/8	89	3 1/2
2400	96	N/A	N/A	N/A	N/A	N/A	N/A	89	3 1/2
2700	108	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8
3000	120	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8

### MST Tensioner Spring Length Chart

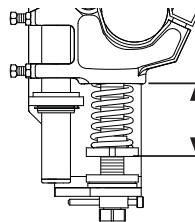
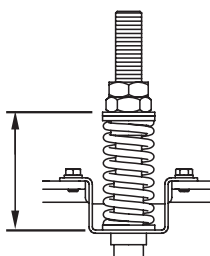
Blade Width	2 White Springs	2 Silver Springs	2 Black Springs
mm	mm	mm	mm
450	73	86	89
600	67	86	86
750	60	83	86
900	54	79	83
1050	48	76	79
1200	N/A	73	79
1350	N/A	73	76
1500	N/A	70	73
1800	N/A	64	70

Shading indicates preferred spring option. Measure spring as shown below.

Shading indicates preferred spring option. Measure from the top of the flat washer to the mounting base to determine spring length.

### SST

Top of Washer to Mounting Base



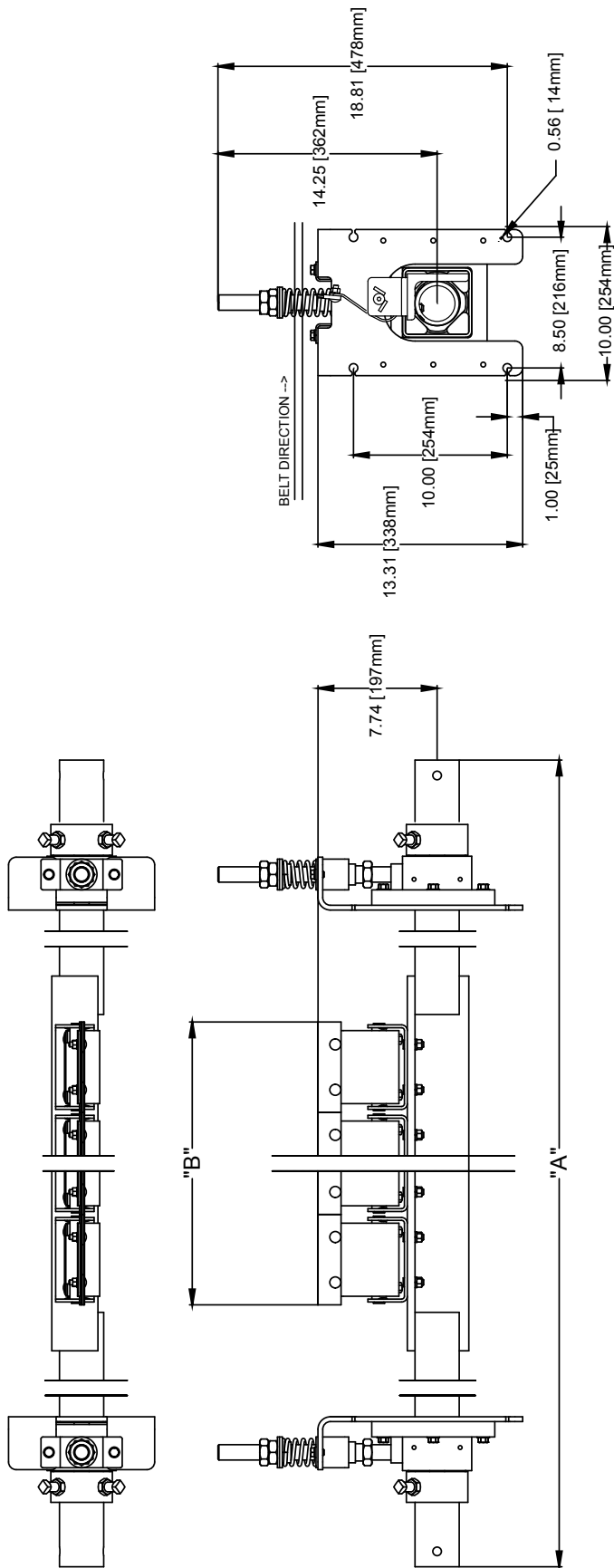
### MST

Bottom of Pole Mount to Bottom of Spring Support Plate

- Maximum Belt Speed ..... SST Tensioner - 6 m/s  
MST Tensioner - 5 m/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 (for vulcanized belts only)
- Available for Belt Widths ..... SST Tensioners - 450 to 2400 mm. Other sizes available upon request.  
MST Tensioners - 450 to 1800mm. Other sizes available upon request.
- CEMA Cleaner Rating ..... Class 5

# Section 8 - Specs and CAD Drawings

## 8.2 CAD Drawing - MHS with SST Tensioners



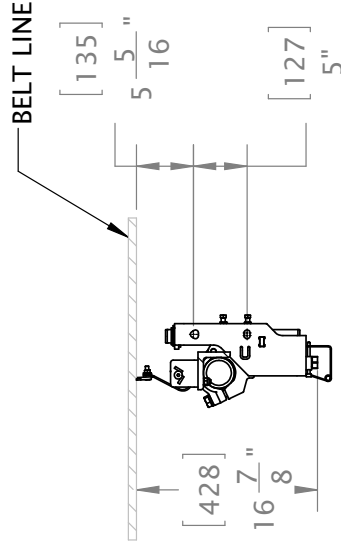
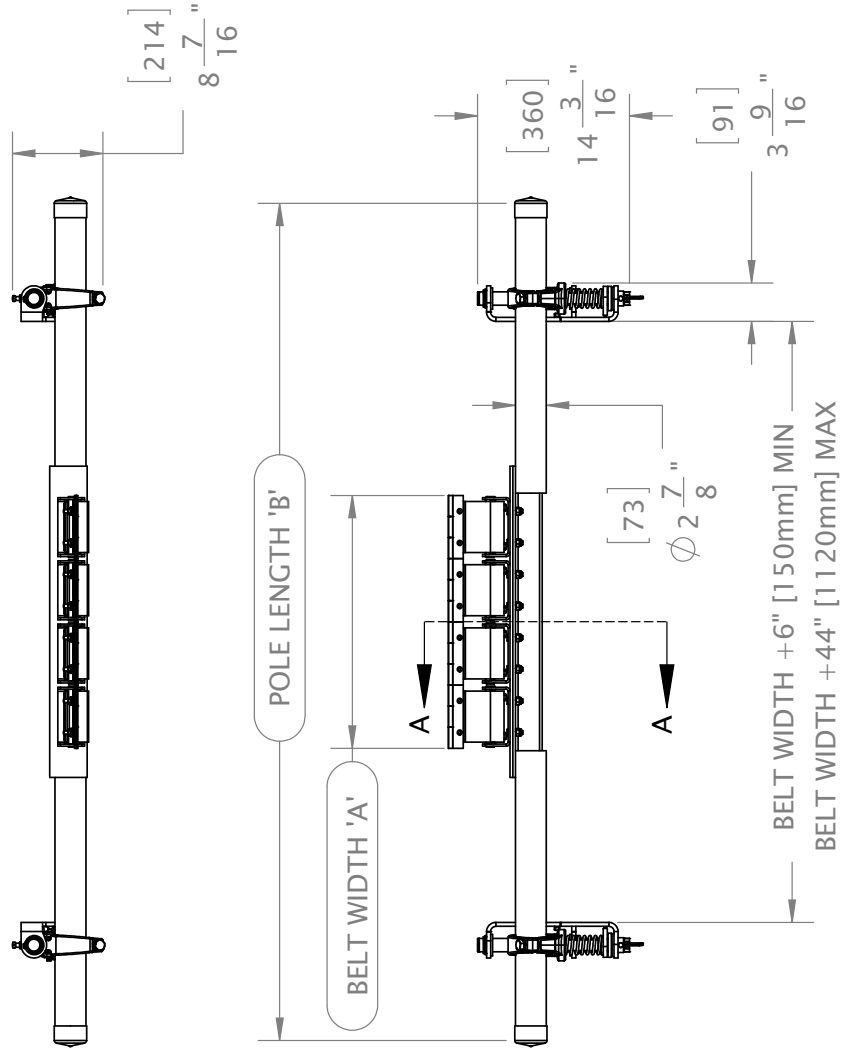
PART NO.	75910	75911	75912	75913	
BELT WIDTH	24" [600mm]	30" [750mm]	36" [900mm]	42" [1050mm]	
LENGTH "A"	66.48" [1689mm]	72.36" [1838mm]	78.24" [1987mm]	84.12" [2137mm]	
LENGTH "B"	23-5/8" [600mm]	29-1/2" [751mm]	35-1/2" [902mm]	41-3/8" [1051mm]	
NO. OF BLADES	4	5	6	7	
PART NO.	75914	75915	75916	75917	76803
BELT WIDTH	48" [1219mm]	54" [1372mm]	60" [1542mm]	72" [1829mm]	84" [2134mm]
LENGTH "A"	90" [2286mm]	95.88" [2435mm]	101.76" [2585mm]	113.52 [2882mm]	125.28" [3182mm]
LENGTH "B"	47-1/4" [1200mm]	53-1/4" [1353mm]	59-1/8" [1500mm]	70-7/8 [1800mm]	82-5/8" [2100mm]
NO. OF BLADES	8	9	10	12	14
					16



# Section 8 - Specs and CAD Drawings

## 8.3 CAD Drawing - MHS with MST Tensioners

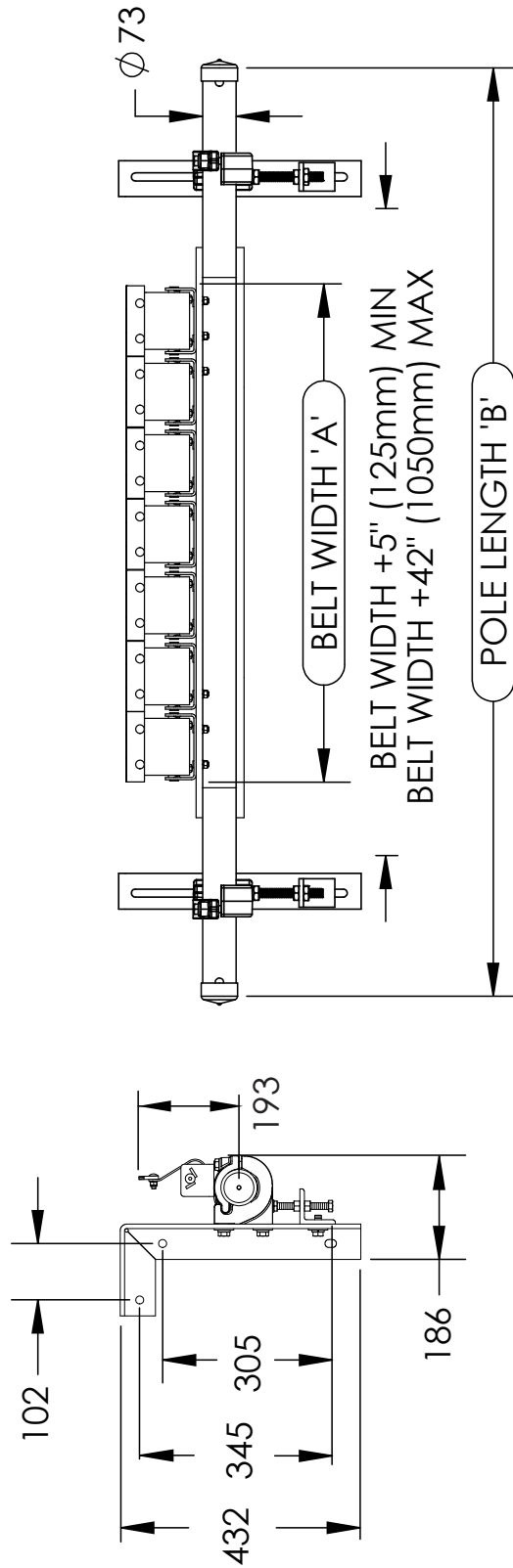
SPECIFICATIONS				MHS V CLEANER	ITEM 1 MHS POLE	
BELT WIDTH 'A'	POLE LENGTH 'B'		# OF TIPS	ORDER NUMBER	ITEM CODE	
	(in)	(mm)				
18	450	72	3	MHS-18V-MST	MHSP-18	76178
24	600	78	4	MHS-24V-MST	MHSP-24	75918
30	700	84	5	MHS-30V-MST	MHSP-30	75919
36	900	90	6	MHS-36V-MST	MHSP-36	75920
42	1050	96	7	MHS-42V-MST	MHSP-42	75921
48	1200	102	8	MHS-48V-MST	MHSP-48	75922
54	1350	108	9	MHS-54V-MST	MHSP-54	75923
60	1500	114	10	MHS-60V-MST	MHSP-60	75924
72	1800	126	12	MHS-72V-MST	MHSP-72	75925



# Section 8 - Specs and CAD Drawings

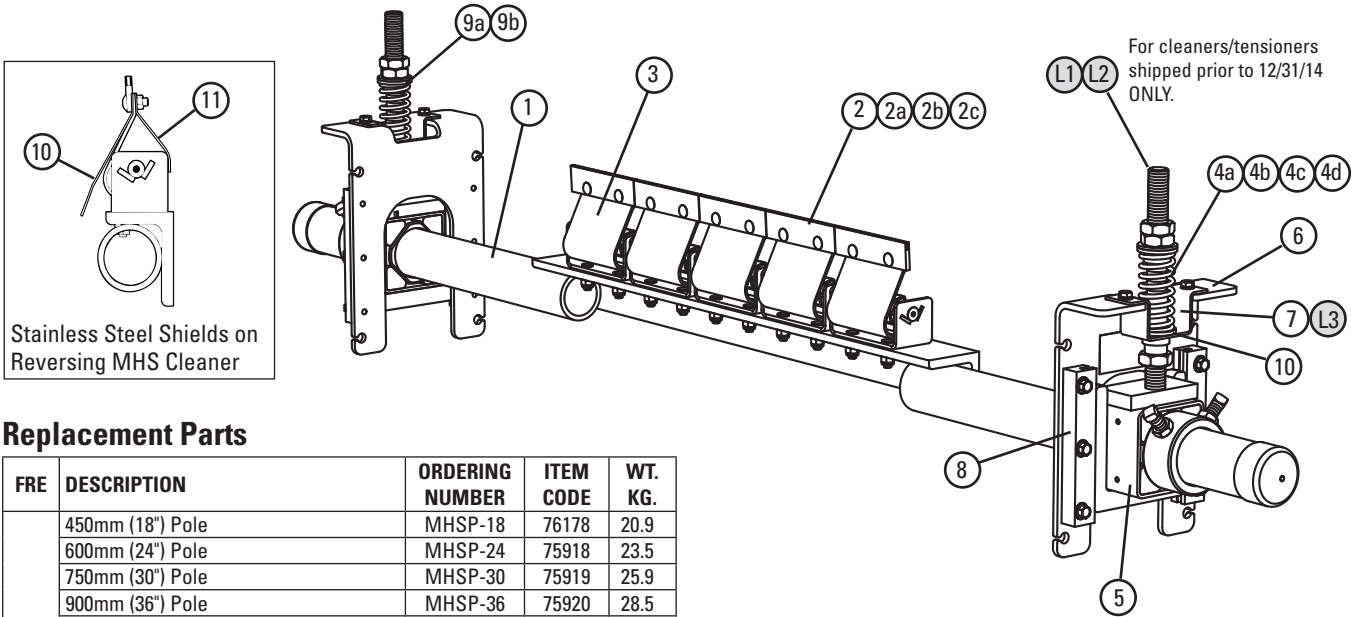
## 8.4 CAD Drawing - MHS with L-Bracket Tensioners

SPECIFICATIONS				
BELT WIDTH 'A' (in)	BELT WIDTH 'A' (mm)	POLE LENGTH 'B' (in)	POLE LENGTH 'B' (mm)	NUMBER OF TIPS
24	600	78	1980	4
30	750	84	2133	5
36	900	90	2286	6
42	1050	96	2438	7
48	1200	102	2590	8
54	1350	108	2743	9
60	1500	114	2895	10
72	1800	126	3200	12
84	2100	138	3505	14



# Section 9 - Replacement Parts

## 9.1 Replacement Parts List - MHS HD Secondary Cleaners (SST Tensioners)



### Replacement Parts

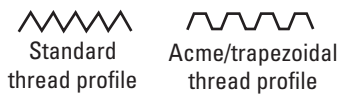
FRE	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	MHSP-18	76178	20.9
	600mm (24") Pole	MHSP-24	75918	23.5
	750mm (30") Pole	MHSP-30	75919	25.9
	900mm (36") Pole	MHSP-36	75920	28.5
	1050mm (42") Pole	MHSP-42	75921	31.0
	1200mm (48") Pole	MHSP-48	75922	33.5
	1350mm (54") Pole	MHSP-54	75923	36.0
	1500mm (60") Pole	MHSP-60	75924	38.6
	1800mm (72") Pole	MHSP-72	75925	43.6
	2100mm (84") Pole	MHSP-84	76814	50.8
2400mm (96") Pole	MHSP-96	79052	58.1	
2	C-Tip*	ICT6	74535	0.3
2a	V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
3	PowerFlex™ Cushion* (complete)	PFC	75927	1.9
3a	PowerFlex Cushion* SS (complete)	PFC-SS	76560	1.9
4a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W	75846	0.2
4b	Tension Spring - Silver (1 ea.) for belts 900 - 1200mm (36" - 48")	STS-S	75843	0.4
4c	Tension Spring - Black (1 ea.) for belts 1350 - 2100mm (54" - 84")	STS-B	75844	0.5
4d	Tension Spring - Gold (1 ea.) for belts 2400mm (96")	STS-G	78142	0.6
5	HD Torsion Pole Mount* (1 ea.) (includes HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	6.8
6	HD Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTHDMK	77870	4.6
7	SST Hat Bracket (pair)	SSTHB	79582	1.4
8	Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	0.5
9a	SST Bushing Kit - White/Silver (includes 2 bushings)	SSTBK-W	76636	0.05
9b	SST Bushing Kit - Black/Gold (includes 2 bushings)	SSTBK-B	76637	0.05
10	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.1
11	P Stainless Steel Shield	PSSS	74773	0.2
12	PowerFlex™ Reverse Shield	PFRS	76622	0.2
-	HD Spring Tensioner* - White (includes 2 each items 4, 5, 6, & 9) for belts 450 - 750mm (18" - 30")	SST2HD-W	77879	27.5
-	HD Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, & 9) for belts 900 - 1200mm (36" - 48")	SST2HD-S	77880	27.9
-	HD Spring Tensioner* - Black (includes 2 each items 4b, 5, 6, & 9a) for belts 1350 - 2100mm (54" - 84")	SST2HD-B	77881	28.1
-	HD Spring Tensioner* - Gold (includes 2 each items 4c, 5, 6, & 9a) for belts 2400mm (96")	SST2HD-G	79041	28.4

\*Hardware Included  
Lead time: 1 working day

### Legacy Replacement Parts for Tensioners shipped prior to Dec. 31, 2014\*

Part	Description	Ordering Number	Item Code	WT. KG.
L1	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 600 - 1500mm (24" - 60")	STAK	75847	1.3
L2	HD Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 1800 - 2100mm (72" - 84")	STAKHD	75892	1.4
L3	Legacy SST Hat Channel Kit	SSTHK	79070	0.7
L4	SAT2 Adjusting Rod Kit (2 ea.)	SAT2AK	78733	2.3
-	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.1

\*Verify if legacy parts are needed by looking at threaded rod. If it has standard threads, use legacy parts. If it has flat/acme threads, choose from regular replacement parts.



### Spring Tensioner Selection Chart

CLEANER SIZE	77879 SST2HD-W	77880 SST2HD-S	77881 SST2HD-B	79041 SST2HD-G
MHS 450 - 750mm	X			
MHS 900 - 1500mm		X		
MHS 1800 - 2100mm			X	
MHS 2400mm				X

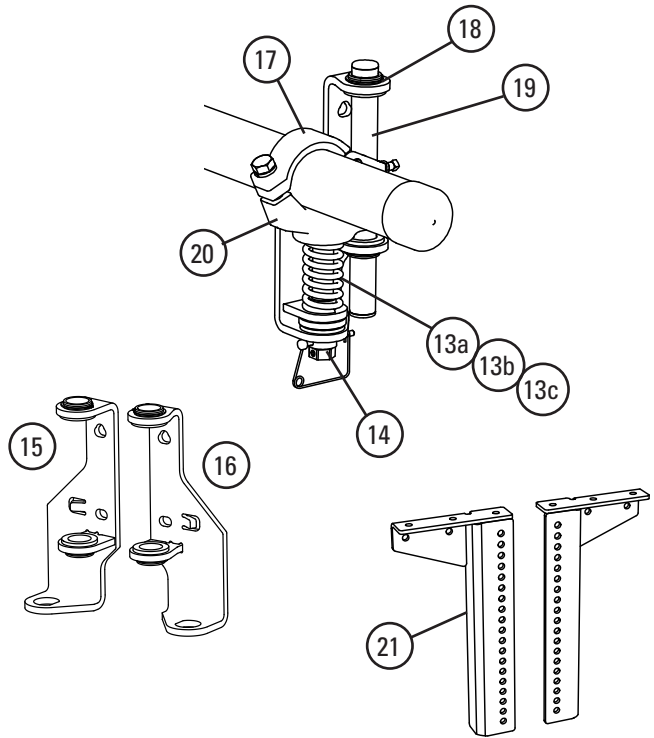
# Section 9 - Replacement Parts

## 9.2 Replacement Parts List - MST and L-Bracket Tensioners

### MST Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
13a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W	75846	0.2
13b	Tension Spring - Silver (1 ea.) for belts 36" - 54" (900-1350mm)	STS-S	75843	0.4
13c	Tension Spring - Black (1 ea.) for belts 60" - 72" (1500-1800mm)	STS-B	75844	0.5
14	MST Adjusting Mechanism	MSTAM	79435	1.3
15	MST Mounting Bracket LH (incl. bushings)	MST-MBL	79436	2.6
16	MST Mounting Bracket RH (incl. bushings)	MST-MBR	79437	2.6
17	MST HD Clamp*	MSTCHD	79439	1.1
18	MST Bushing Kit (incl. 4 bushings)	MSTBK	79440	0.1
19	MST Guide Pole	MSTGT	79441	0.7
20	MST HD Pole Mount*	MSTPMHD	79451	3.3
21	MST Drop Brackets (2)	MSTDB	79434	12.6
-	MST HD Tensioner w/White Spring (incl. 1 ea. items 15, 16 18; 2 ea. items 13a,14, 17, 19, 20)	MSTHD-W	79431	16.7
-	MST HD Tensioner w/Silver Spring (incl. 1 ea. items 15, 16 18; 2 ea. items 13b,14, 17, 19, 20)	MSTHD-S	79432	17.0
-	MST HD Tensioner w/Black Spring (incl. 1 ea. items 15, 16 18; 2 ea. items 13c,14, 17, 19, 20)	MSTHD-B	79433	17.3

\*Hardware included  
Lead time: 1 working day



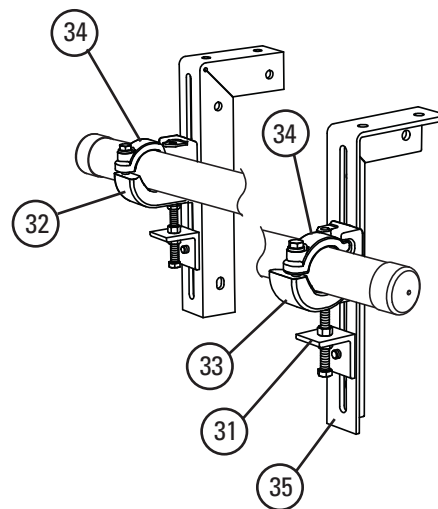
### MST Spring Tensioner Selection Chart

CLEANER SIZE	79431 MSTHD-W	79432 MSTHD-S	79433 MSTHD-B
MHS 450 - 750mm	X		
MHS 900 - 1350mm		X	
MHS 1500 - 1800mm			X

### L-Bracket Tensioner Replacement Parts

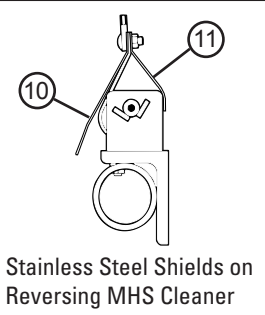
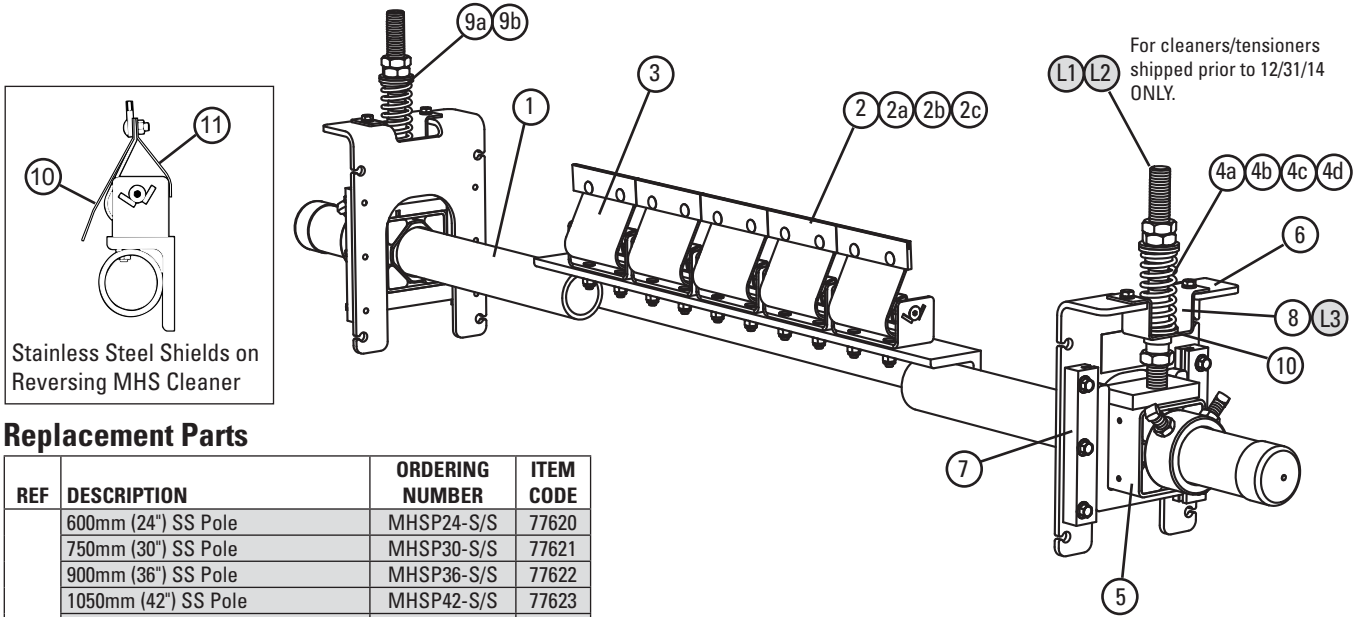
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
31	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
32	Pole Clamp Kit Left* (1 ea.) (incl. 1 item 34)	CCKL	79224	3.1
33	Pole Clamp Kit Right* (1 ea.) (incl. 1 item 34)	CCKR	79228	3.1
34	Pole Clamp Top Strap (1 ea.) For use on left or right Pole Clamp Kit	CCKTS	79232	0.5
35	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
-	Cradle Clamp Mounting Kit* (incl. 2 item 31 and 1 ea. item 32, 33 & 35)	CCMK	78919	14.9

\*Hardware included  
Lead time: 1 working day



# Section 9 - Replacement Parts

## 9.2 Replacement Parts List - Stainless Steel MHS Cleaners



### Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
1	600mm (24") SS Pole	MHSP24-S/S	77620
	750mm (30") SS Pole	MHSP30-S/S	77621
	900mm (36") SS Pole	MHSP36-S/S	77622
	1050mm (42") SS Pole	MHSP42-S/S	77623
	1200mm (48") SS Pole	MHSP48-S/S	77624
	1350mm (54") SS Pole	MHSP54-S/S	77625
	1500mm (60") SS Pole	MHSP60-S/S	77626
	1800mm (72") SS Pole	MHSP72-S/S	77627
	2100mm (84") SS Pole	MHSP84-S/S	77628
2400mm (96") SS Pole	MHSP96-S/S	79053	
2	C-Tip*	ICT6	74535
2a	SS C-Tip	ICT6-S/S	78700
2b	V-Tip* (for vulcanized belts only)	RSA150	73628
2c	S/S V-Tip* (for vulcanized belts only)	RVT6-S/S	76205
3	PowerFlex Cushion* (complete)	PFC-SS	76560
4a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W-S/S	77630
4b	Tension Spring - Silver (1 ea.) for belts 900 - 1200mm (36" - 48")	STS-S-S/S	77631
4c	Tension Spring - Black (1 ea.) for belts 1350 - 2100mm (54" - 84")	STS-B-S/S	77632
4d	Tension Spring - Gold (1 ea.) for belts 96" (2400)	STS-G-S/S	79057
5	SS HD Torsion Mounting Kit* (1 ea.) (includes adjusting rod, 3 nuts & sleeve) (See 9 & 9a for bushings)	STHDPM2-S/S	77633
6	SS Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	STHDMK2-S/S	77634
7	SS Base Mounting Kit* (includes 2 slide guides)	STGK2-S/S	77635
8	SST Hat Bracket S/S (pair)	SSTHB-S/S	79586
9a	SST Bushing Kit - White/Silver (includes 2 bushings)	SSTBK-W	76636
9b	SST Bushing Kit - Black/Gold (includes 2 bushings)	SSTBK-B	76637
10	SST Lower Bushing Kit (pair)	SSTLBK	79493
11	P Stainless Steel Shield	PSSS	74773
12	PowerFlex™ Reverse Shield	PFRS	76622
-	SS Spring Tensioner* - White (includes 2 each items 4, 5, 6 & 9) for belts 450 - 750mm (18" - 30")	SST2HD-W-S/S	77637
-	SS Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6 & 9) for belts 900 - 1200mm (36" - 48")	SST2HD-S-S/S	77638
-	SS Spring Tensioner* - Black (includes 2 each items 4b, 5, 6 & 9a) for belts 1350 - 2100mm (54" - 84")	SST2HD-B-S/S	77639
-	SS Spring Tensioner* - Gold (includes 2 each items 4c, 5, 6 & 9a) for belts 2400mm (96")	SST2HD-G-S/S	79042

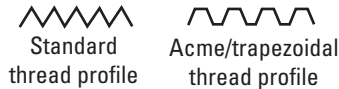
\*Hardware Included  
Lead time: 1 working day

Shaded items are made to order.  
Lead time: 3 weeks

### Legacy Replacement Parts for Tensioners shipped prior to changeover Dec. 31, 2014\*

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
L1	Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 450 - 1500mm (18" - 60")	STAK	75847
L2	HD Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 1800 - 2400mm (72" - 96")	STAKHD	75892
L3	SST Hat Channel Kit S/S	SSTHK-S/S	79071
-	SS Bushing Update Kit (includes 2 ea. lower bushings, sleeves, nuts)	SST-BUK-S/S	77636

\*Verify if legacy parts are needed by looking at threaded rod. If it has standard threads, use legacy parts. If it has flat/acme threads, choose from regular replacement parts.



### Spring Tensioner Selection Chart

CLEANER SIZE	77637 SSTDH-W-S/S	77638 SSTDH-S-S/S	77639 SSTDH-B-S/S	79042 SSTDH-G-S/S
MHS S/S 450 - 750mm (18" - 30")	X			
MHS S/S 900 - 1200mm (36" - 48")		X		
MHS S/S 1350 - 2100mm (54" - 84")			X	
MHS S/S 2400mm (96")				X



# Section 10 - Other Flexco Conveyor Products

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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:

## MMP Primary Cleaner



- Extra cleaning power right on the head pulley
- A 250mm (10") TuffShear™ blade provides increased blade tension on the belt to peel off abrasive materials
- The unique Visual Tension Check™ ensures optimal blade tensioning and quick, accurate retensioning
- Easy to install and simple to service

## Flexco 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

## MDWS DryWipe Secondary Cleaner



- Wipes the belt dry as final cleaner in system
- Automatic blade tensioning to the belt
- Easy, visual blade tension check
- Simple, one-pin blade replacement

## PT Max™ 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 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

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