

# MHS Service Advantage Cartridge HD Secondary Cleaner

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## Installation, Operation and Maintenance Manual

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# MHS SAC HD Secondary Cleaner

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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

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## 1.1 General Introduction

We at Flexco are very pleased that you have selected an MHS SAC 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 visit our website or contact our Customer Service Department.

**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 ESAC 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 SAC 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 Lockout/Tagout (LOTO) regulations, 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.

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## 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

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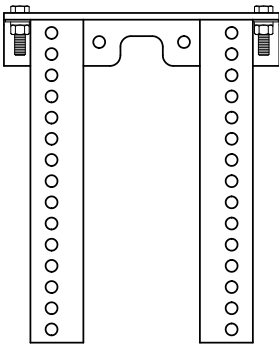
### 3.1 Checklist

- 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

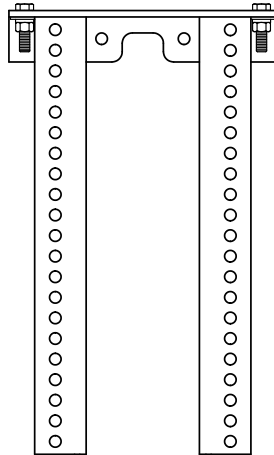
## 3.2 Optional Installation Accessories

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



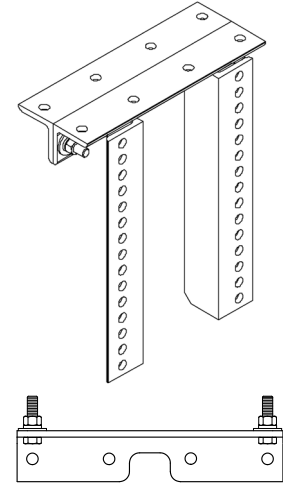
**SST Standard Mounting Bracket Kit (for SST XD Tensioner)**  
(Item Code: 76071)

- For most secondary cleaner installs.
- 325 x 388 mm (13 x 15-1/2")



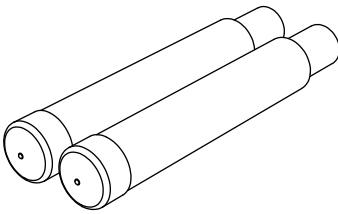
**SST Long Mounting Bracket Kit (for SST XD Tensioner)**  
(Item Code: 76072)

- For installations that require extra length legs.
- 325 x 538 mm (13 x 21-1/2")



**SST Optional Top Angle Kit (for SST XD Tensioner)**  
(Item Code: 76073)

- Used with both standard and long mounting bracket kits for additional mounting options.
- 325 mm (13")



**Pole Extender Kit (incl. 2 pole extenders)**  
(Item Code: 76024)

- For cleaner sizes 1800 mm (72") and larger
- Provides 750 mm (30") of extended pole length

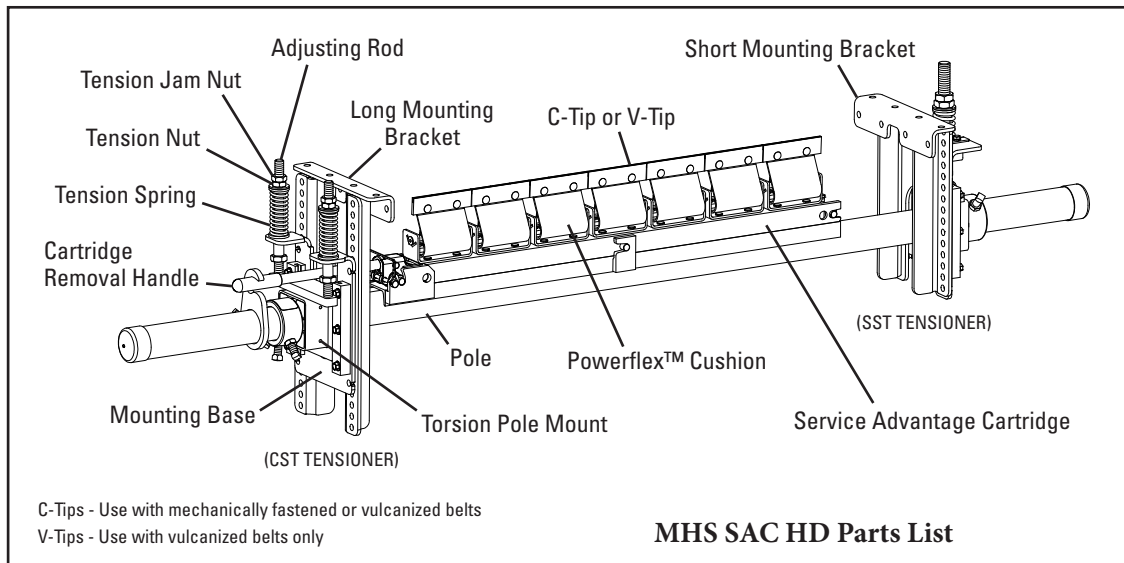
**Optional Mounting Kits (includes 2 brackets/bars)**

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	9.9

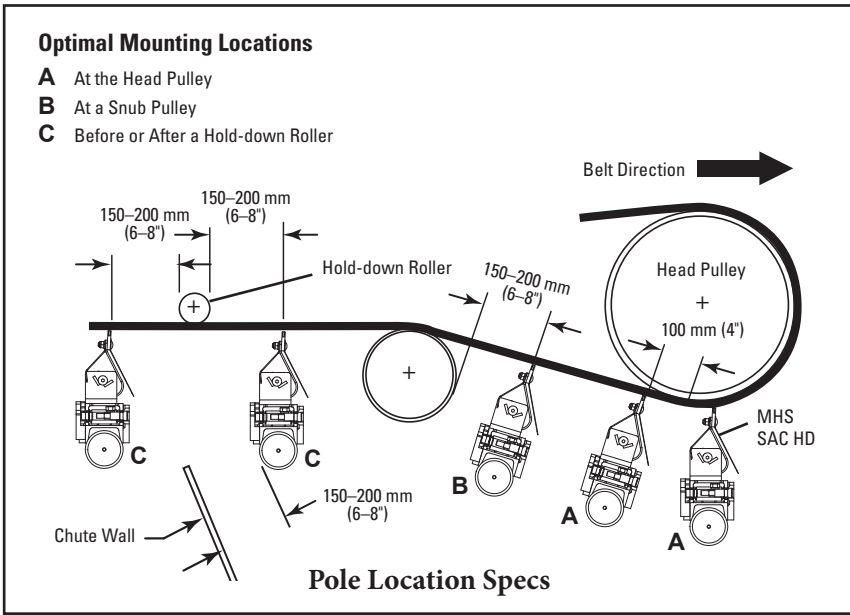
\*Hardware Included  
Lead time: 1 working day

# Section 4 - Installation Instructions

## 4.1 MHS SAC HD - CST Tensioner



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



- Tools Needed:**
- 14 mm (9/16") Wrench
  - 19 mm (3/4") Wrench
  - 22 mm (7/8") Wrench
  - 35 mm (1-3/8") Wrench
  - OR Large Adjustable/Crescent Wrenches (x2)
  - Clamps (x2)
  - Torch (as needed)
  - Welder (as needed)
  - Tape Measure
  - Level
  - Marking Pen or Soapstone



# Section 4 - Installation Instructions

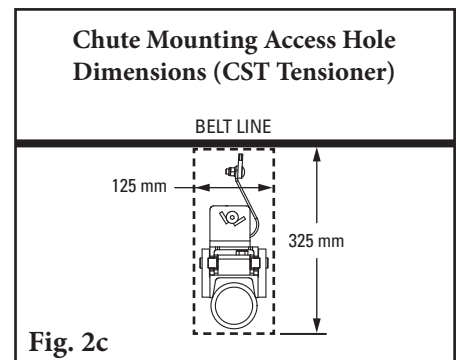
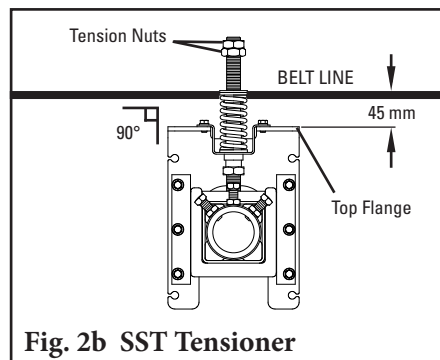
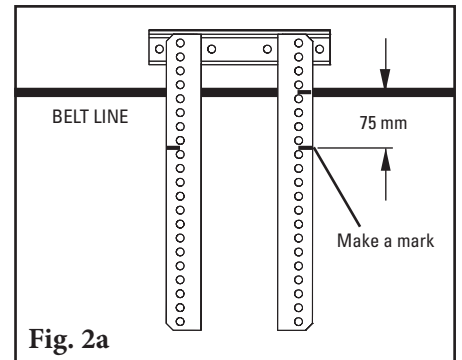
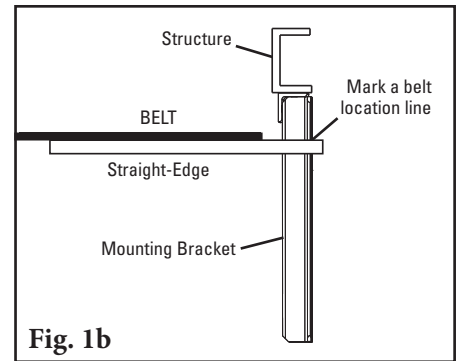
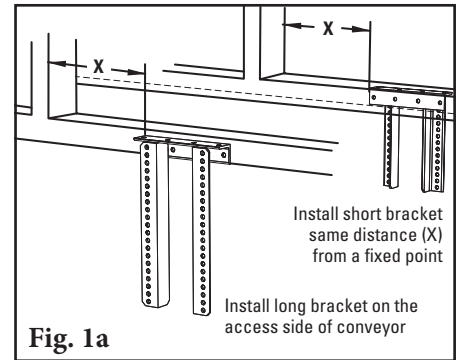
## 4.1 MHS SAC HD - CST Tensioner

**1a. Install the mounting brackets.** Position the long mounting bracket on the structure on the side of the conveyor from which the cleaner will be installed and serviced. With the long bracket installed, take a measurement “X” from a fixed point on the structure to the mounting bracket and transfer to the opposite side of the structure; mount short mounting bracket in this location (Fig. 1a).

**1b. Transfer the belt location line to the mounting bracket.** Using a straight-edge pushed up to the bottom of the belt, mark the mounting bracket (Fig. 1b). Repeat on opposite side.

**2. Install the SST mounting base.** On the cartridge access (service) side of the conveyor, make a mark on the long bracket 75 mm below the belt line (Fig. 2a); this will be needed in Step 3. On the opposite side, bolt the SST tensioner mounting base into position so the top flange of the base is 45 mm below the belt line (Fig. 2b). Adjust the tension nut to the top of the adjusting rod.

**NOTE:** For chute mounting, a belt location line must be drawn on the chute wall so the mounting bases can be aligned with the belt. Cut an access hole as shown for the CST tensioner (Fig. 2c). Cut an access hole as needed for the SST tensioner.



# Section 4 - Installation Instructions

## 4.1 MHS SAC HD - CST Tensioner

3. **Install the pole.** Remove the cartridge from the pole. Slide the pole into the SST torsion pole mount as far as needed (Fig. 3a). Then, slide the other end into the CST tensioner torsion pole mount and attach the mounting base to the long bracket, aligning the flanges with the previously marked position (Fig. 3b). Adjust tension nuts to the tops of the adjusting rods.

4. **Different Cartridge Installation Methods.**

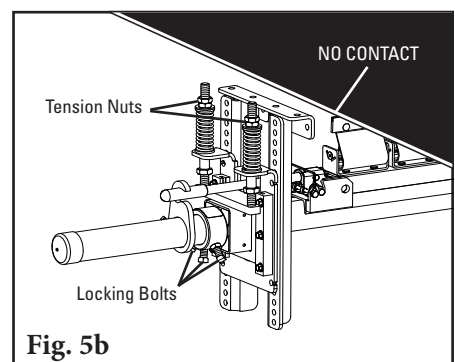
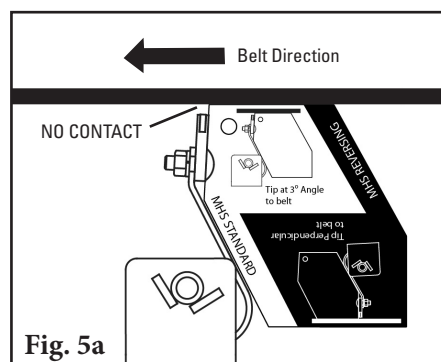
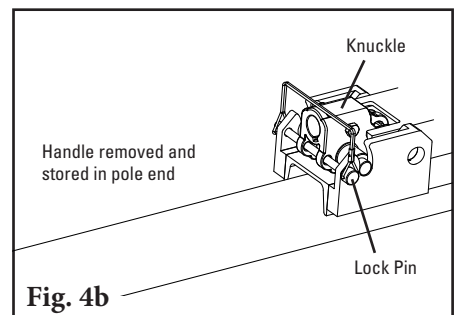
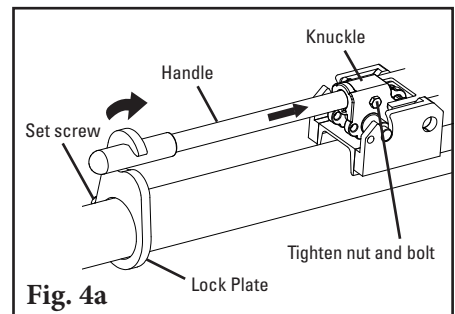
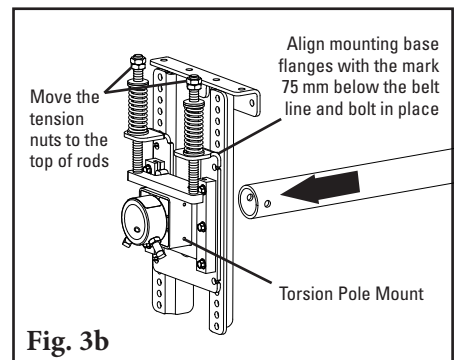
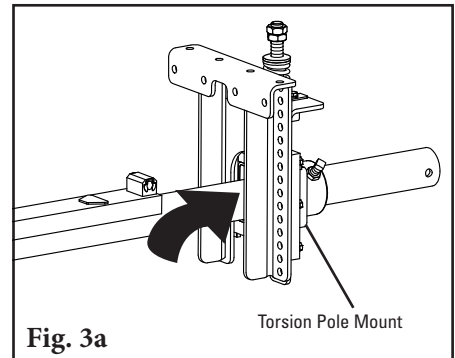
**Option A: Handle always on cartridge (Fig. 4a).**

1. Slide the handle into the knuckle, tighten with supplied bolt/nut.
2. Slide the cartridge onto the pole, lock the knuckle onto the pole.
3. Slide the lock plate onto the pole, over the handle, lock with the set screw.

**Option B: Handle stored inside pole (Fig. 4b).**

1. Set the cartridge onto the pole, then slide the handle into the already installed knuckle.
2. Lock down the knuckle onto the pole, then remove handle and place into open pole end.
3. Lock the knuckle and handle in place with supplied lock pins.

5. **Set the blade angle.** Center the pole/blades on the belt. Rotate the pole until the tips align with the white “MHS Standard” side of the tip setup gauge provided (Fig. 5a). Tighten the two locking bolts on each torsion pole mount to lock the pole in place (Fig. 5b). 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.



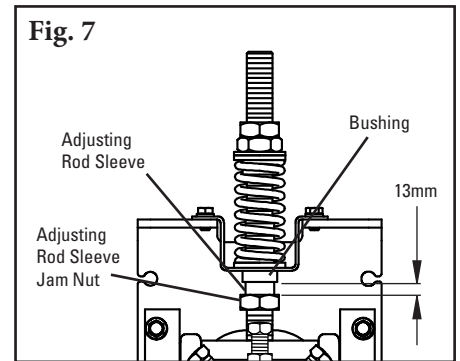
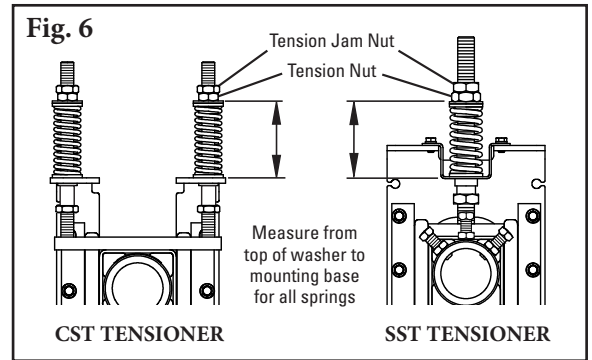
# Section 4 - Installation Instructions

## 4.1 MHS SAC HD - CST Tensioner

6. **Set the blade tension.** Loosen the top tension jam nuts on both sides. Tighten the tension nuts until the correct spring compression is reached (Fig. 6). Spring length is determined by the belt width, see charts for the correct spring lengths. Tighten the two tension nuts together to prevent loosening.

7. **Set adjusting rod sleeve (SST Tensioner only).** After setting the blade tension, screw the adjusting rod sleeve into the UHMW bushing until 13 mm is showing (Fig. 7). Tighten the adjusting rod sleeve jam nut.

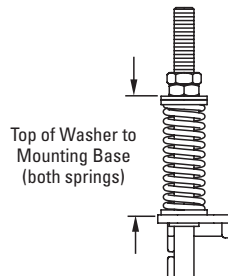
8. **Test run the cleaner and inspect the cleaning performance.** If vibration occurs or more cleaning efficiency is desired, increase the blade tension by making 3 mm compression adjustments on the tension springs.



**CST Spring Length Chart**

Blade Width	White Springs	Silver Springs	Black Springs	Gold Springs
mm	mm	mm	mm	mm
600	78	99	N/A	N/A
750	72	97	N/A	N/A
900	N/A	94	98	N/A
1050	N/A	91	95	N/A
1200	N/A	88	93	N/A
1350	N/A	86	91	N/A
1500	N/A	83	89	103
1800	N/A	N/A	84	101
2100	N/A	N/A	80	99
2400	N/A	N/A	N/A	97
3000	N/A	N/A	N/A	93

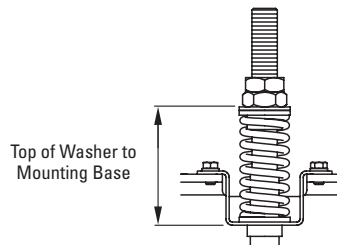
Shading indicates preferred spring option.



**SST Spring Length Chart**

Blade Width	White Springs	Silver Springs	Black Springs
mm	mm	mm	mm
600	78	99	N/A
750	72	97	N/A
900	N/A	94	98
1050	N/A	91	95
1200	N/A	88	93
1350	N/A	86	91
1500	N/A	83	89
1800	N/A	N/A	84

Shading indicates preferred spring option.





# Section 4 - Installation Instructions

## 4.2 MHS 2SAC HD - CST Tensioner (Dual Cartridge)

**1a. Install the mounting brackets.** Position the first long mounting bracket on the structure on the side of the conveyor from which the cleaner will be installed and serviced. With the first long bracket installed, take a measurement “X” from a fixed point on the structure to the mounting bracket and transfer to the opposite side of the structure; mount the other mounting bracket in this location (Fig. 1a).

**1b. Transfer the belt location line to the mounting bracket.** Using a straight-edge pushed up to the bottom of the belt, mark the mounting bracket (Fig. 1b). Repeat on opposite side.

**2. Install one CST mounting base.** On both sides of the conveyor, make a mark on the long brackets 75 mm below the belt line (Fig. 2a); this will be needed in Step 3.

**NOTE:** For chute mounting, a belt location line must be drawn on the chute wall so the mounting bases can be aligned with the belt. Cut an access hole as shown for the CST tensioner (Fig. 2b).

**3. Install the pole.** Remove the cartridges from the pole. Slide the pole into one CST torsion pole mount as far as needed (Fig. 3a). Then, locate the other end into the other CST tensioner torsion pole mount and attach the mounting base to the long bracket, aligning the flanges with the previously marked position. Adjust tension nuts to the tops of the adjusting rods (Fig. 3b).

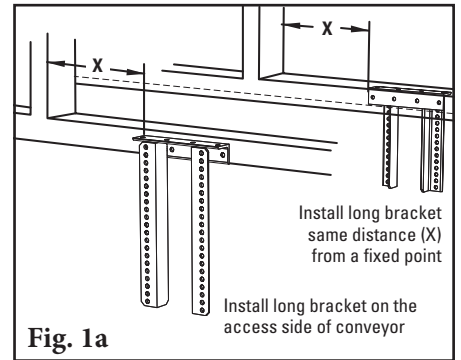


Fig. 1a

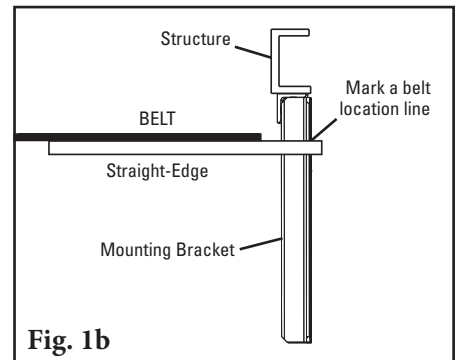


Fig. 1b

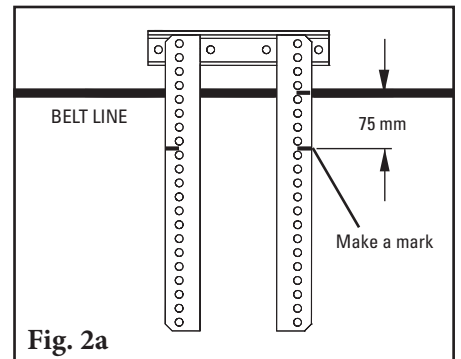


Fig. 2a

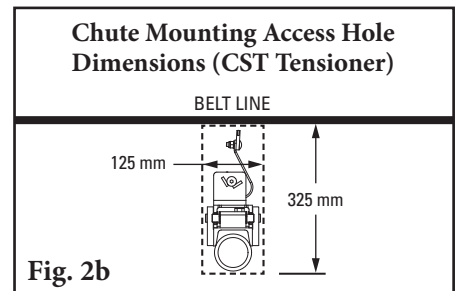


Fig. 2b

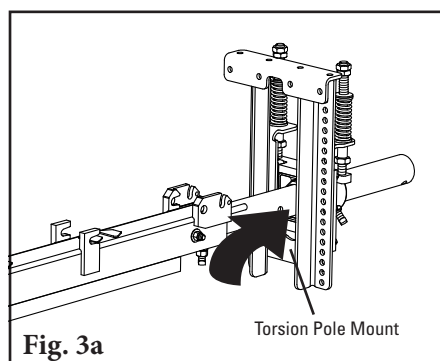


Fig. 3a

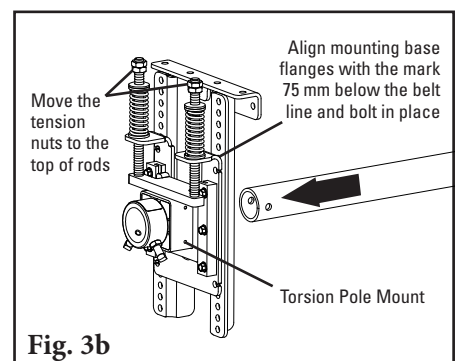


Fig. 3b

# Section 4 - Installation Instructions

## 4.2 MHS 2SAC HD - CST Tensioner (Dual Cartridge)

### 4. Different Cartridge Installation Methods.

#### Option A: Handle always on cartridge (Fig. 4a).

1. Slide the cartridge onto the pole, lock the knuckle onto the pole.
2. Slide the lock plate onto the pole, over the handle, then lock with the set screw.
3. Repeat for other side.

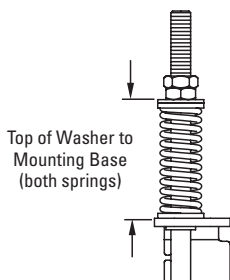
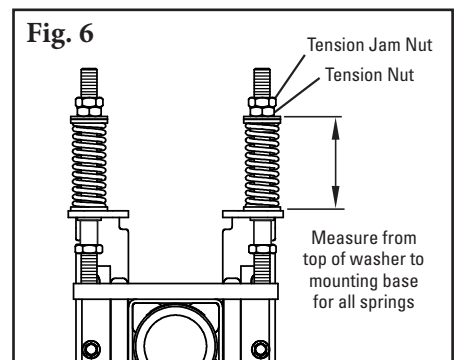
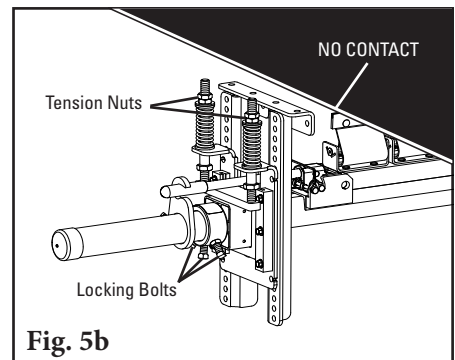
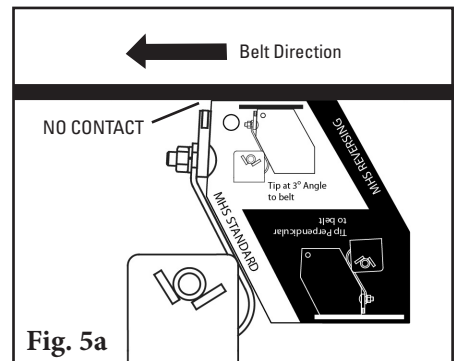
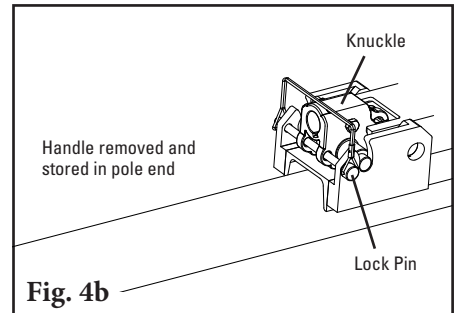
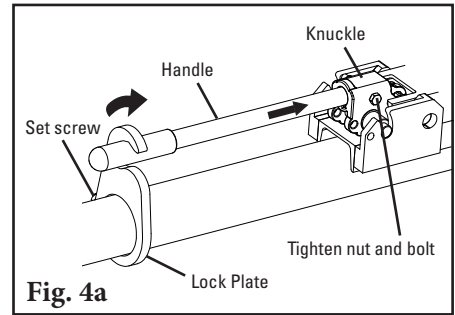
#### Option B: Handle stored inside pole (Fig. 4b).

1. Set the cartridge onto the pole, then slide the handle into the already installed knuckle.
2. Lock down the knuckle onto the pole, then remove handle and place into open pole end.
3. Lock the knuckle and handle in place with supplied lock pins.
4. Repeat for other side.

5. **Set the blade angle.** Center the pole/blades on belt. Rotate the pole until the tips align with the white “MHS Standard” side of the tip setup gauge provided (Fig. 5a). Tighten the two locking bolts on each torsion pole mount to lock the pole in place (Fig. 5b). 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.

6. **Set the blade tension.** Loosen the top tension jam nuts on both sides. Tighten the tension nuts until the correct spring compression is reached (Fig. 6). Spring length is determined by the belt width, see chart for the correct spring length. Tighten the top tension jam nuts to prevent loosening.

7. **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.



**CST Spring Length Chart**

Blade Width	White Springs	Silver Springs	Black Springs	Gold Springs
mm	mm	mm	mm	mm
600	78	99	N/A	N/A
750	72	97	N/A	N/A
900	N/A	94	98	N/A
1050	N/A	91	95	N/A
1200	N/A	88	93	N/A
1350	N/A	86	91	N/A
1500	N/A	83	89	103
1800	N/A	N/A	84	101
2100	N/A	N/A	80	99
2400	N/A	N/A	N/A	97
3000	N/A	N/A	N/A	93

Shading indicates preferred spring option.

## Section 4 - Installation Instructions

### 4.3 Cartridge Replacement

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

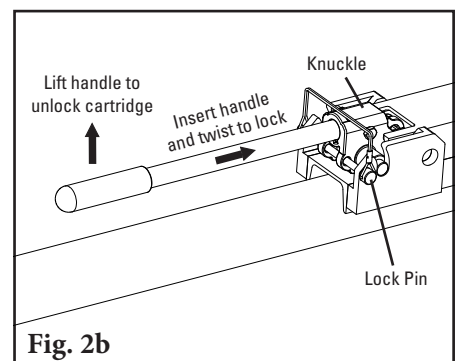
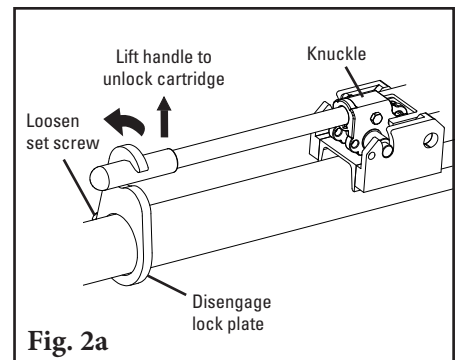
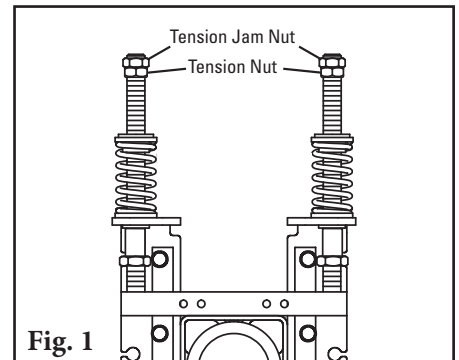
1. **Release tension on the cleaner.** Loosen both the tension jam nut and tension nut on all adjusting rods until the nuts are at the tops of the adjusting rods (Fig. 1).
2. **Different Cartridge Removal Methods.**

**Option A: Handle always on cartridge (Fig. 2a).**

1. Loosen the lock plate set screw and disengage lock plate from the handle.
2. Lift the handle to unlock the knuckle and cartridge, then pull the cartridge out.
3. If using dual cartridge cleaner, repeat for other side.

**Option B: Handle stored inside pole (Fig. 2b).**

1. Remove lock pins holding handle and knuckle in place.
2. Slide the handle into the knuckle and twist to lock.
3. Lift the handle to unlock the knuckle and cartridge, then pull cartridge out.
4. If using dual cartridge cleaner, repeat for other side.



## Section 4 - Installation Instructions

### 4.3 Cartridge Replacement

#### 3. Replace the worn tips.

**NOTE:** If using a dual cartridge cleaner, please use the provided Cartridge Tip Alignment Tool to ensure the tips on both cartridges are located at the same height. It is recommended to use a second cartridge with new tips and cushions already installed for a quick change-out. However, new cleaner tips can be installed on the pulled cartridge on-site if needed.

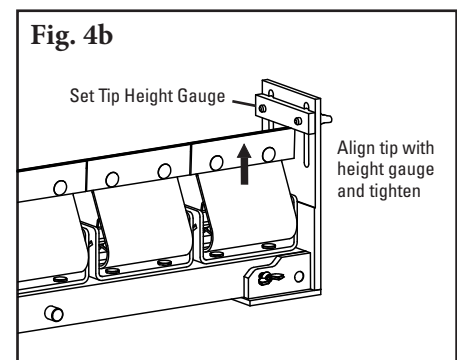
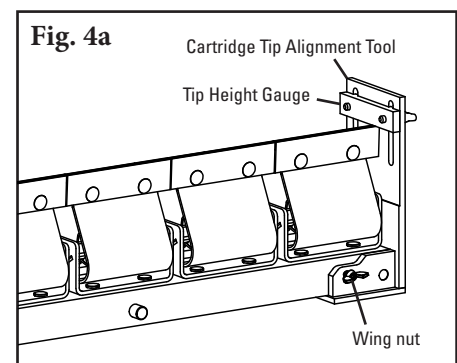
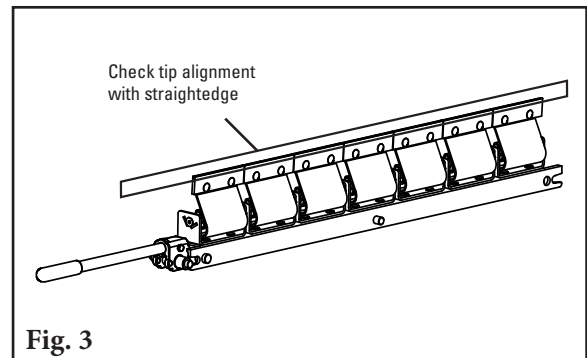
##### Single Cartridge:

1. Remove all tips with hardware from the used cartridge.
2. Install all new tips and hardware without fully tightening.
3. Tighten one of the tips on one end of the cartridge.
4. Visually align all others while tightening remaining tips, ensuring a flat profile across all tips. Check with a straightedge (Fig. 3). When finished, all tips should move freely without catching on the next tip and have no gaps larger than 1 mm (approx. thickness of a credit card).

##### Dual Cartridge:

1. Remove all tips with hardware from the used cartridges.
2. Install all new tips and hardware without fully tightening.
3. On one cartridge, place the Cartridge Tip Alignment Tool on the end with the notch and alignment holes. Using those alignment holes, tighten the tool to the cartridge with wing nut (Fig. 4a).
4. Set the tip height gauge on the Cartridge Tip Alignment Tool so that the loosely installed tip can push up into the corner of the tool (Fig. 4a).
5. Tighten the first tip while holding it tight to the Cartridge Tip Alignment Tool (Fig. 4b).
6. Visually align all others while tightening remaining tips, ensuring a flat profile across all tips. Check with a straightedge. When finished, all tips should move freely without catching on the next tip and have no gaps larger than 1 mm (approx. thickness of a credit card).
7. Repeat Steps 3, 5, and 6 for the second cartridge.

**NOTE:** Make sure to keep the tip height gauge locked in place so both cartridges will be aligned when assembled to the pole.





# Section 4 - Installation Instructions

## 4.3 Cartridge Replacement

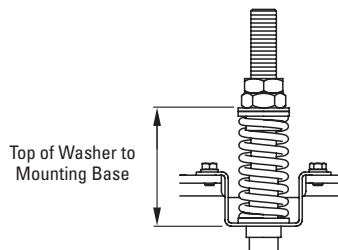
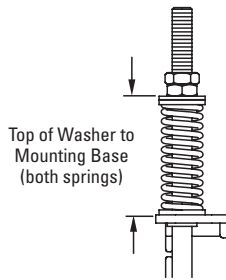
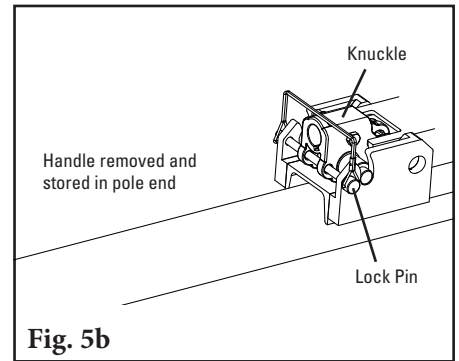
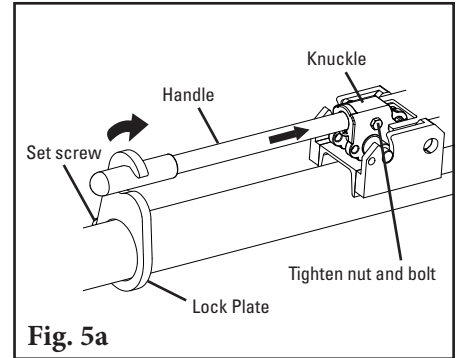
### 4. Insert the reconditioned or replacement cartridge.

#### Option A: Handle always on cartridge (Fig. 5a).

1. Slide the cartridge onto the pole, lock the knuckle onto the pole.
2. Slide the lock plate onto the pole, over the handle, then lock with the set screw.
3. If using dual cartridge, repeat for other side.

#### Option B: Handle stored inside pole (Fig. 5b).

1. Set the cartridge onto the pole, then slide the handle into the already installed knuckle.
  2. Lock down the knuckle onto the pole, then remove handle and place into open pole end.
  3. Lock the knuckle and handle in place with supplied lock pins.
  4. If using dual cartridge, repeat for other side.
5. **Retension the cleaner tips to the belt.** Turn the tension nuts until the correct spring length is reached for your belt width, see charts for the correct spring length. Tighten the top tension jam nuts to prevent loosening.
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.



**CST Spring Length Chart**

Blade Width	White Springs	Silver Springs	Black Springs	Gold Springs
mm	mm	mm	mm	mm
600	78	99	N/A	N/A
750	72	97	N/A	N/A
900	N/A	94	98	N/A
1050	N/A	91	95	N/A
1200	N/A	88	93	N/A
1350	N/A	86	91	N/A
1500	N/A	83	89	103
1800	N/A	N/A	84	101
2100	N/A	N/A	80	99
2400	N/A	N/A	N/A	97
3000	N/A	N/A	N/A	93

Shading indicates preferred spring option.

**SST Spring Length Chart**

Blade Width	White Springs	Silver Springs	Black Springs
mm	mm	mm	mm
600	78	99	N/A
750	72	97	N/A
900	N/A	94	98
1050	N/A	91	95
1200	N/A	88	93
1350	N/A	86	91
1500	N/A	83	89
1800	N/A	N/A	84

Shading indicates preferred spring option.

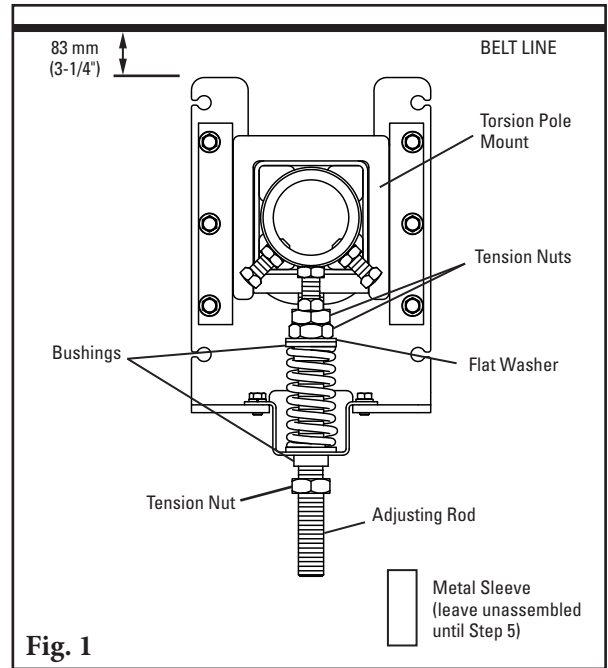
# Section 4 - Installation Instructions

## 4.4 SST Tensioner (Single-Side Access Only) - Push-Up Tensioning

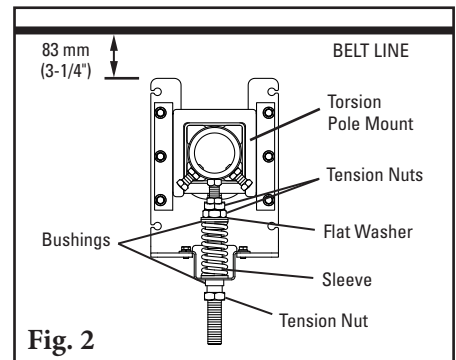
- 1. Reconfigure the standard pull-up tensioner to the push-up style.** Remove the 3 tension nuts, flat washer, 2 bushings, spring, sleeve, and the hat bracket; reassemble (Fig. 1) with 2 tension nuts, the flat washer, 2 bushings, the spring and the hat bracket on the upper end of the adjusting rod. Add the 3rd tension nut to bottom of the adjusting rod, this will act as a lock for the metal sleeve.
- 2. Install the tensioner mounting bases.** Mount the bases to the structure or chute so that the tops of the base legs are 83 mm 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.

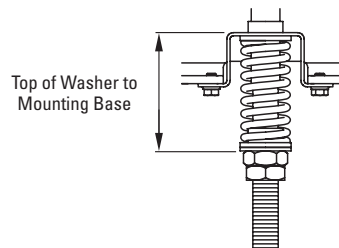
- 4. Set the blade tension.** Remove the bottom tension nut and washer from the adjusting rod. Turn the 2 upper tension nuts until the spring is compressed to the correct length, see chart for the correct spring length. Tighten the 2 tension nuts together to prevent loosening.
- 5. Replace the sleeve.** 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. 2).



**Fig. 1**



**Fig. 2**



**SST Spring Length Chart**

Blade Width	White Springs	Silver Springs	Black Springs
mm	mm	mm	mm
600	78	99	N/A
750	72	97	N/A
900	N/A	94	98
1050	N/A	91	95
1200	N/A	88	93
1350	N/A	86	91
1500	N/A	83	89
1800	N/A	N/A	84

Shading indicates preferred spring option.

## Section 5 - Pre-Operation Checklist and Testing

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### 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 ESAC HD 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 ones on Page 11.
- When maintenance tasks are completed, test run the conveyor to ensure the cleaner is performing properly

# Section 6 - Maintenance

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## 6.4 Maintenance Log

Conveyor Name/No. \_\_\_\_\_

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: \_\_\_\_\_

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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: \_\_\_\_\_

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

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

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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:  600mm (24")  750mm (30")  900mm (36")  1050mm (42")  1200mm (48")  1350mm (54")  1500mm (60")  1800mm (72")  2100mm (84")  2400mm (96")  3000mm (120")

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: \_\_\_\_\_

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## Section 7 - Troubleshooting

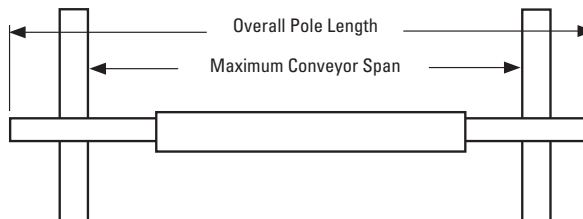
Problem	Possible Cause	Possible Solutions
Vibration	Cleaner secure bolts not set	Ensure all locking nuts are tight (Loctite)
	Cleaner not set up correctly	Ensure cleaner set up properly (check tip angle with gauge)
	Belt tension too high	Ensure cleaner can conform to belt, or replace with alternate Flexco 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 (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 precleaner
	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 blades worn/damaged	Check blades 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
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 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

# Section 8 - Specs and CAD Drawings

## 8.1 Specs and Guidelines

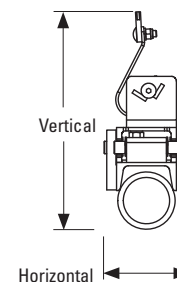
### Pole Length Specifications\*

VERSION	CLEANER SIZE	BLADE WIDTH	POLE LENGTH	MAXIMUM CONVEYOR SPAN
	mm	mm	mm	mm
SINGLE	600	600	1950	1650
	750	750	2100	1800
	900	900	2250	1950
	1050	1050	2400	2100
	1200	1200	2550	2250
	1350	1350	2700	2400
	1500	1500	2850	2550
	1800	1800	3150	2850
DUAL	1500	1500	3000	2700
	1800	1800	3300	3000
	2100	2100	3600	3300
	2400	2400	3900	3600
	3000	3000	4500	4200



### Clearance Guidelines for Installation

VERSION	HORIZONTAL CLEARANCE REQUIRED	VERTICAL CLEARANCE REQUIRED
	mm	mm
SINGLE	114	279
DUAL	114	318



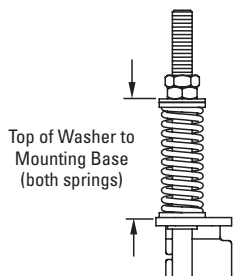
\*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750 mm of extended pole length.

Pole Diameter - 73 mm

### CST Spring Length Chart

Blade Width	White Springs	Silver Springs	Black Springs	Gold Springs
mm	mm	mm	mm	mm
600	78	99	N/A	N/A
750	72	97	N/A	N/A
900	N/A	94	98	N/A
1050	N/A	91	95	N/A
1200	N/A	88	93	N/A
1350	N/A	86	91	N/A
1500	N/A	83	89	103
1800	N/A	N/A	84	101
2100	N/A	N/A	80	99
2400	N/A	N/A	N/A	97
3000	N/A	N/A	N/A	93

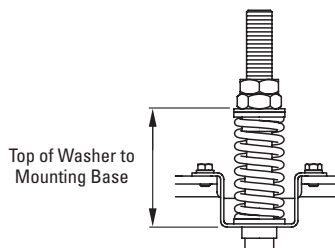
Shading indicates preferred spring option.



### SST Spring Length Chart

Blade Width	White Springs	Silver Springs	Black Springs
mm	mm	mm	mm
600	78	99	N/A
750	72	97	N/A
900	N/A	94	98
1050	N/A	91	95
1200	N/A	88	93
1350	N/A	86	91
1500	N/A	83	89
1800	N/A	N/A	84

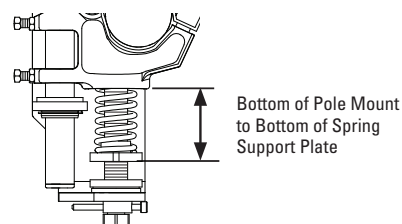
Shading indicates preferred spring option.



### MST Spring Length Chart

Blade Width	White Springs	Silver Springs	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.



### Specifications:

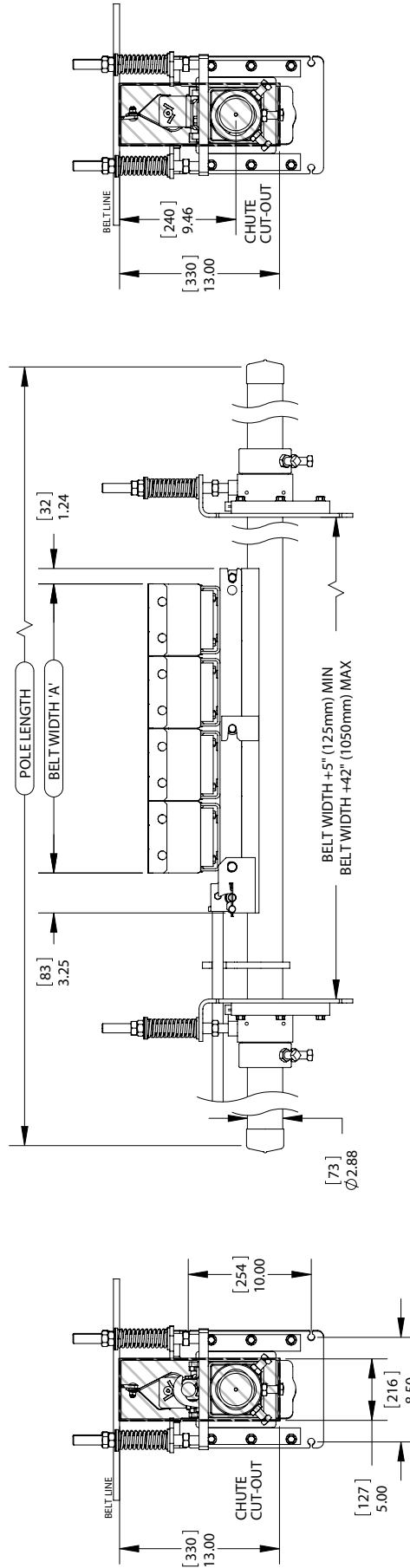
- Maximum Belt Speed .....6 m/s
- Temperature Rating .....-35 to 82°C
- Useable Blade Wear Length.....9 mm
- Blade Materials .....C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)  
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths .....600 to 3000 mm. Other sizes available upon request.



# Section 8 - Specs and CAD Drawings

## 8.2 CAD Drawing - MHS SAC with C-Tips

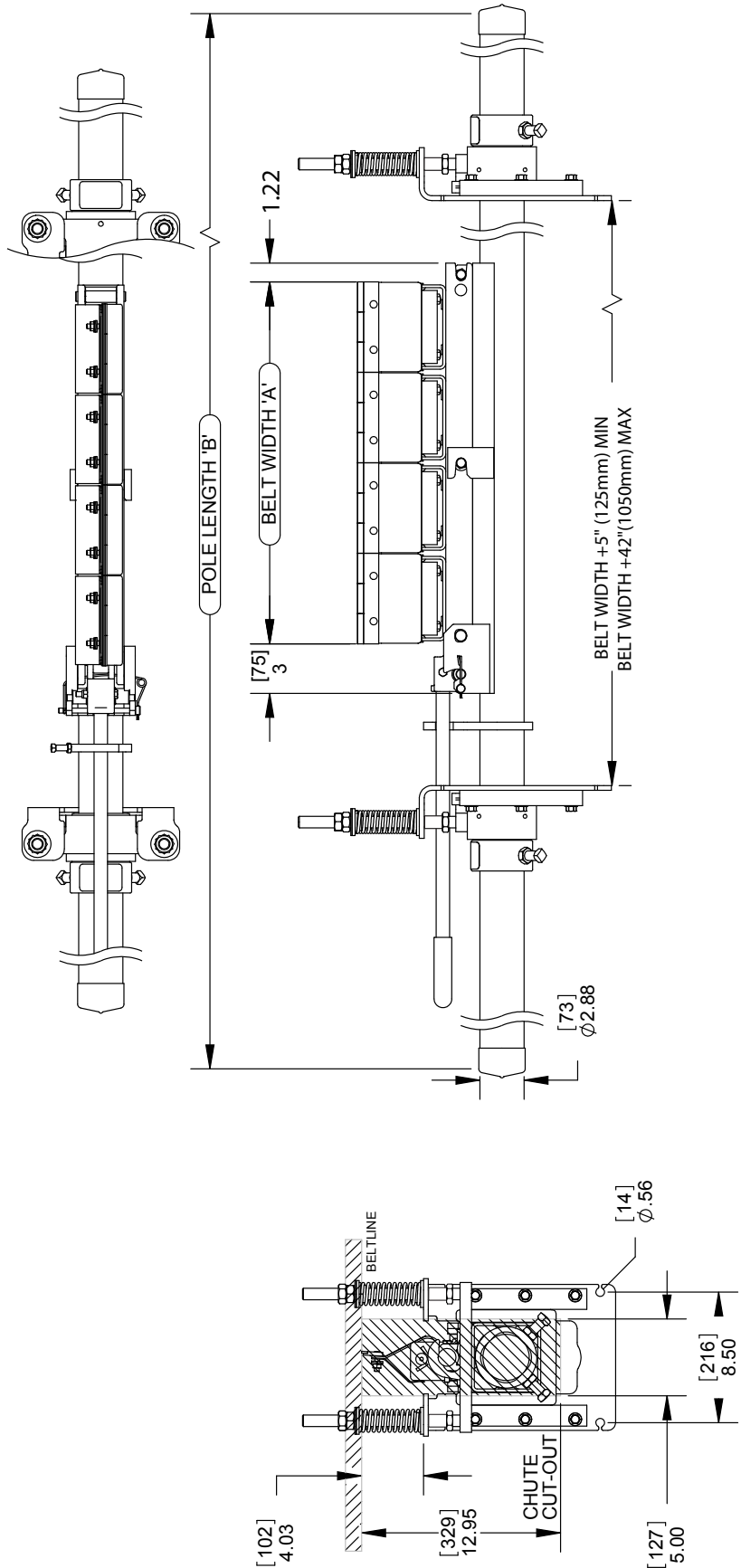
SPECIFICATIONS			SAC MHS C CLEANER	
BELT WIDTH 'A' (in)	POLE LENGTH 'B' (in)	NO. OF BLADES	ORDER NUMBER	ITEM CODE
24	78	4	MHS-24-ESAC	77840
30	84	5	MHS-30-ESAC	77841
36	90	6	MHS-36-ESAC	77842
42	96	7	MHS-42-ESAC	77843
48	102	8	MHS-48-ESAC	77844
54	108	9	MHS-54-ESAC	77845
60	114	10	MHS-60-ESAC	77846
72	126	12	MHS-72-ESAC	77847



# Section 8 - Specs and CAD Drawings

## 8.3 CAD Drawing - MHS SAC with V-Tips

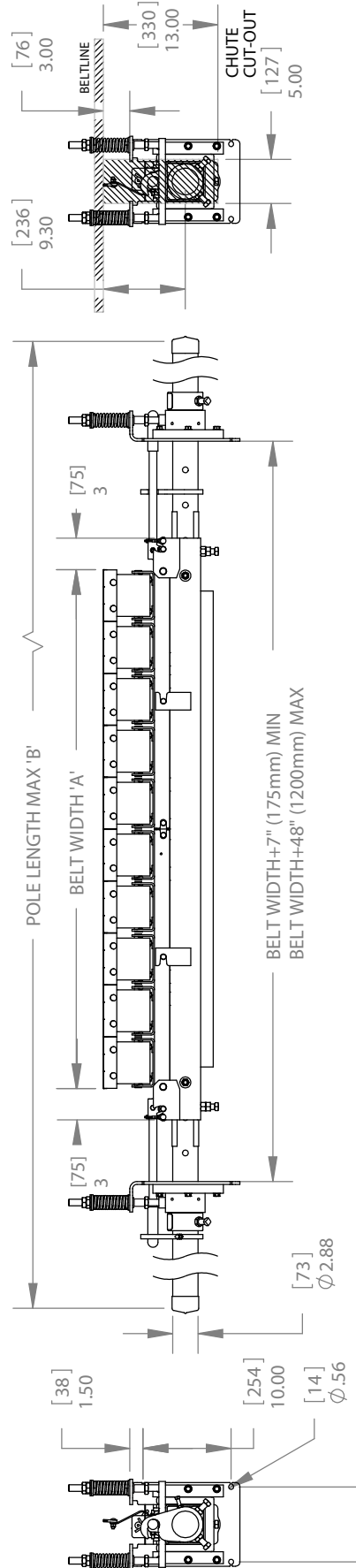
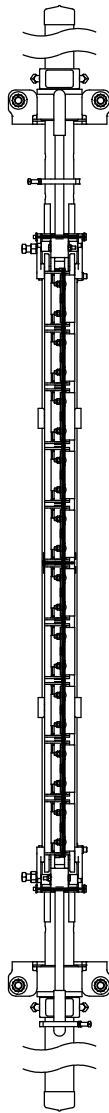
SPECIFICATIONS			SAC MHS V CLEANER	
BELT WIDTH 'A' (in)	POLE LENGTH 'B' (in)	# OF BLADES	ORDER NUMBER	ITEM CODE
24	78	4	MHS-24V-ESAC	77853
30	84	5	MHS-30V-ESAC	77854
36	90	6	MHS-36V-ESAC	77855
42	96	7	MHS-42V-ESAC	77856
48	102	8	MHS-48V-ESAC	77857
54	108	9	MHS-54V-ESAC	77858
60	114	10	MHS-60V-ESAC	77859
72	126	12	MHS-72V-ESAC	77860



# Section 8 - Specs and CAD Drawings

## 8.4 CAD Drawing - MHS 2SAC with C-Tips (Dual Cartridge)

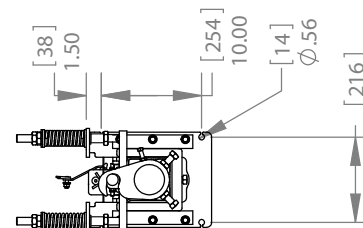
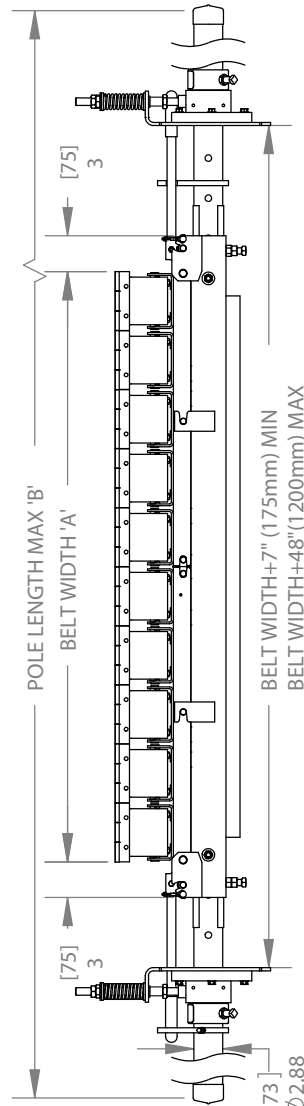
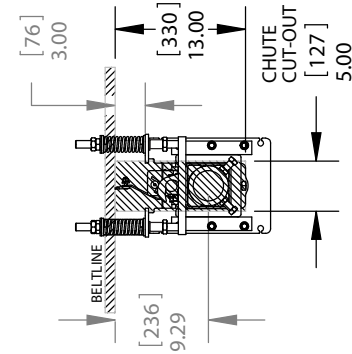
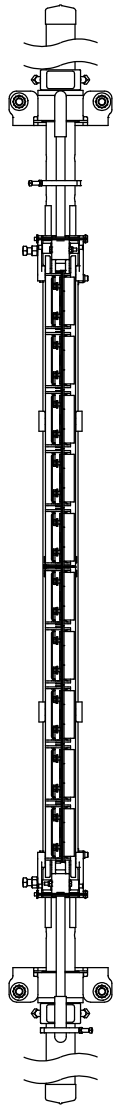
SPECIFICATIONS		SAC MHS C CLEANER	
BELT WIDTH 'A' (in)	MAX POLE LENGTH 'B' (mm)	# OF BLADES	ITEM CODE
60	1500	10	77848
72	1800	12	77849
84	2100	14	77850
96	2400	16	77851
120	3000	20	77852



# Section 8 - Specs and CAD Drawings

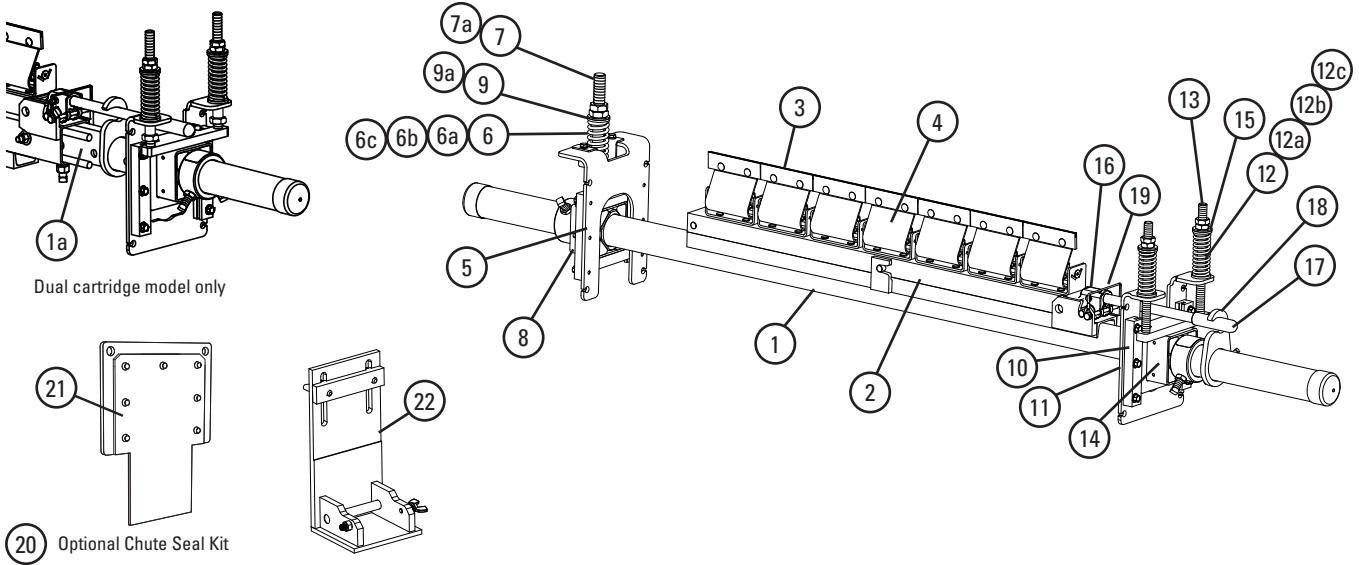
## 8.5 CAD Drawing - MHS 2SAC with V-Tips (Dual Cartridge)

SPECIFICATIONS			SAC MHS V CLEANER		
BELT WIDTH 'A' (mm)	MAX POLE LENGTH 'B' (in)	MAX POLE LENGTH 'B' (mm)	# OF BLADES	ORDER NUMBER	ITEM CODE
60	1500	120	3000	MHS-60V-E2SAC	77861
72	1800	132	3300	MHS-72V-E2SAC	77862
84	2100	144	3600	MHS-84V-E2SAC	77863
96	2400	156	3900	MHS-96V-E2SAC	77864
120	3000	180	4500	MHS-120V-E2SAC	77865



# Section 9 - Replacement Parts

## 9.1 Replacement Parts List - MHS SAC HD - Mild Steel



### Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG
1	SAC Cartridge Pole 600mm	SACPL-24/600	77887	29.7
	SAC Cartridge Pole 750mm	SACPL-30/750	77888	32.3
	SAC Cartridge Pole 900mm	SACPL-36/900	77889	35.0
	SAC Cartridge Pole 1050mm	SACPL-42/1050	77890	37.6
	SAC Cartridge Pole 1200mm	SACPL-48/1200	77891	40.3
	SAC Cartridge Pole 1350mm	SACPL-54/1350	77892	42.9
	SAC Cartridge Pole 1500mm	SACPL-60/1500	77893	45.6
	SAC Cartridge Pole 1800mm	SACPL-72/1800	77894	50.9
	SAC Cartridge Center Pole 1500mm (Dual)	SACPL2-60/1500	77895	35.1
	SAC Cartridge Center Pole 1800mm (Dual)	SACPL2-72/1800	77896	40.6
	SAC Cartridge Center Pole 2100mm (Dual)	SACPL2-84/2100	77897	46.2
	SAC Cartridge Center Pole 2400mm (Dual)	SACPL2-96/2400	77898	51.8
	SAC Cartridge Center Pole 3000mm (Dual)	SACPL2-120/3000	77899	64.5
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	24.5
2	SAC Cartridge 600mm	CART-24/600	77900	1.6
	SAC Cartridge 750mm	CART-30/750	77901	2.0
	SAC Cartridge 900mm	CART-36/900	77902	2.3
	SAC Cartridge 1050mm	CART-42/1050	77903	2.7
	SAC Cartridge 1200mm	CART-48/1200	77904	3.0
	SAC Cartridge 1350mm	CART-54/1350	77905	3.4
	SAC Cartridge 1500mm	CART-60/1500	77906	3.8
	SAC Cartridge 1800mm	CART-72/1800	77907	4.5
	SAC Cartridge 1500mm (Dual)	CART2-60/1500	77908	3.9
	SAC Cartridge 1800mm (Dual)	CART2-72/1800	77909	4.6
	SAC Cartridge 2100mm (Dual)	CART2-84/2100	77910	5.3
3	C-Tip*	CT6	74535	0.3
	V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
4	PowerFlex™ Cushion*	SPFC	78701	1.9
5	SST HD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides)	SSTHDMK	77870	4.6
6	SST Spring - White (1 ea.) for belts 450–750mm	STS-W	75846	0.2
6a	SST Spring - Silver (1 ea.) for belts 900–1200mm	STS-S	75843	0.4
6b	SST Spring - Black (1 ea.) for belts 1350–2100mm	STS-B	75844	0.5
6c	SST Spring - Gold (1 ea.) for belts 2400–3000mm	STS-G	78142	0.7
7	SST Adj Rod Kit* for belts 450–750mm (incl. (1) ea. rod, washer & (2) ea. nuts, 2 bushings)	STAK	75847	1.3
7a	SST HD Adj Rod Kit* for belts 1800–2100mm (incl. (1) ea. rod, washer & (2) ea. nuts, 2 HD bushings)	STAKHD	75892	1.4
8	SST HD Torsion Pole Mount* (1 ea.)	SSTHDPM	77868	6.8

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG
9	SST Bushing Kit - White/Silver	SSTBK-W	76636	0.1
9a	SST Bushing Kit - Black	SSTBK-B	76637	0.1
10	ST Slide Guide Kit	STGK2	77867	0.5
-	SST HD Cartridge Tensioner - White for belts 450–750mm (incl. (1) ea. items 5, 6, 7, 8)	SST1HDM-W	78517	13.7
-	SST HD Cartridge Tensioner - Silver for belts 900–1200mm (incl. (1) ea. items 5, 6a, 7, 8)	SST1HDM-S	78518	13.9
-	SST HD Cartridge Tensioner - Black for belts 1350–2100mm (incl. (1) ea. items 5, 6b, 7a, 8)	SST1HDM-B	78519	14.1
-	SST HD Cartridge Tensioner - Gold for belts 2400–3000mm (incl. (1) ea. items 5, 6c, 7a, 8)	SST1HDM-G	79069	14.1
11	CST HD Mounting Base Kit*	CSTHDMK	77871	3.9
12	CST Spring - White (1 ea.) for belts 450–750mm	CTS-W	77742	0.2
12a	CST Spring - Silver (1 ea.) for belts 900–1200mm	CTS-S	77743	0.2
12b	CST Spring - Black (1 ea.) for belts 1350–2100mm	CTS-B	77744	0.3
12c	CST Spring - Gold (1 ea.) for belts 2400–3000mm	CTS-G	77745	0.4
13	CST Adj Rod Kit (incl. (2) ea. rods, washers & (4) ea. nuts, 4 bushings)	CSTAK	77031	1.5
14	CST HD Torsion Pole Mount* (1 ea.)	CSTHDPM	77869	7.4
15	CST Bushing Kit (incl. 4 bushings)	CSTBK	77037	0.0
-	CST HD Cartridge Tensioner - White for belts 450–750mm (incl. (1) ea. items 11,13,14 & (2) ea. item 12)	CST1HDM-W	78513	13.7
-	CST HD Cartridge Tensioner - Silver for belts 900–1200mm (incl. (1) ea. items 11,13,14 & (2) ea. item 12a)	CST1HDM-S	78514	13.7
-	CST HD Cartridge Tensioner - Black for belts 1350–2100mm (incl. (1) ea. items 11,13,14 & (2) ea. item 12b)	CST1HDM-B	78515	13.7
-	CST HD Cartridge Tensioner - Gold for belts 2400–3000mm (incl. (1) ea. items 11,13,14 & (2) ea. item 12c)	CST1HDM-G	78516	13.9
16	SAC Removal Knuckle	SACRKN	77882	1.5
17	SAC Removal Handle	SACRH	77883	1.4
18	SAC Handle Lock Plate	SACRHL	77884	0.8
19	Knuckle Retainer Pin	SACKRP	77885	0.1
20	SAC Chute Seal Kit	SACSK	77052	1.8
21	SAC Chute Seal Replacement Cover	SACSRC	77065	0.2
22	SAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	1.1

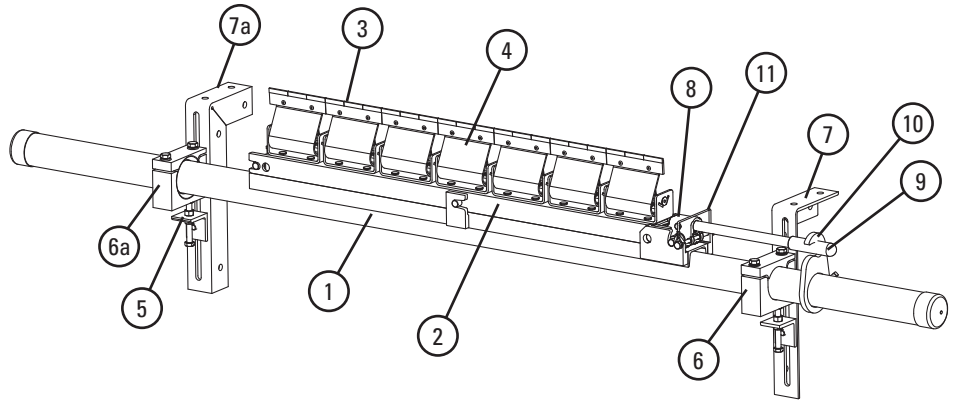
\*Hardware Included

Lead Time: 1 working day

Shade items made to order.  
Contact Flexco for lead times.

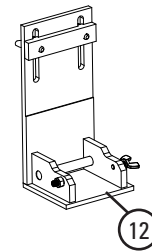
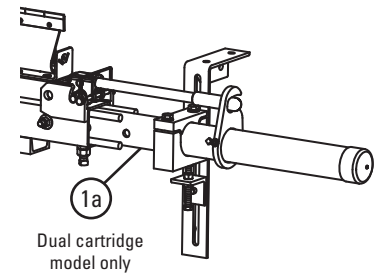
# Section 9 - Replacement Parts

## 9.2 Replacement Parts List - MHS SAC HD - Stainless Steel (Optional Bolt Tensioner)



### Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG
1	SAC S/S Cartridge Pole 600mm	SACPL-24/600-S/S	78371	29.7
	SAC S/S Cartridge Pole 750mm	SACPL-30/750-S/S	78372	32.3
	SAC S/S Cartridge Pole 900mm	SACPL-36/900-S/S	78373	35.0
	SAC S/S Cartridge Pole 1050mm	SACPL-42/1050-S/S	78374	37.6
	SAC S/S Cartridge Pole 1200mm	SACPL-48/1200-S/S	78375	40.3
	SAC S/S Cartridge Pole 1350mm	SACPL-54/1350-S/S	78376	42.9
	SAC S/S Cartridge Pole 1500mm	SACPL-60/1500-S/S	78377	45.6
	SAC S/S Cartridge Pole 1800mm	SACPL-72/1800-S/S	78378	50.9
	SAC S/S Cartridge Center Pole 1500mm (Dual)	SACPL2-60/1500-S/S	78379	35.1
	SAC S/S Cartridge Center Pole 1800mm (Dual)	SACPL2-72/1800-S/S	78380	40.6
	SAC S/S Cartridge Center Pole 1950mm (Dual)	SACPL2-78/1950-S/S	78642	43.9
	SAC S/S Cartridge Center Pole 2100mm (Dual)	SACPL2-84/2100-S/S	78381	46.2
	SAC S/S Cartridge Center Pole 2450mm (Dual)	SACPL2-96/2450-S/S	78382	51.8
SAC S/S Cartridge Center Pole 3000mm (Dual)	SACPL2-120/3000-S/S	78383	64.5	
1a	S/S Extender Pole (for use with S/S Dual Cartridge Center Pole)	MHP-EP-S/S	77599	24.5
2	SAC Repl Cartridge S/S 600mm	CART-24/600-S/S	78576	4.5
	SAC Repl Cartridge S/S 750mm	CART-30/750-S/S	78577	5.6
	SAC Repl Cartridge S/S 900mm	CART-36/900-S/S	78578	6.7
	SAC Repl Cartridge S/S 1050mm	CART-42/1050-S/S	78579	7.8
	SAC Repl Cartridge S/S 1200mm	CART-48/1200-S/S	78580	8.9
	SAC Repl Cartridge S/S 1350mm	CART-54/1350-S/S	78581	10.0
	SAC Repl Cartridge S/S 1500mm	CART-60/1500-S/S	78582	11.3
	SAC Repl Cartridge S/S 1800mm	CART-72/1800-S/S	78583	13.5
	SAC Repl Cartridge S/S 1500mm (Dual)	CART2-60/1500-S/S	78584	11.2
	SAC Repl Cartridge S/S 1800mm (Dual)	CART2-72/1800-S/S	78585	13.4
	SAC Repl Cartridge S/S 1950mm (Dual)	CART2-78/1950-S/S	78635	14.5
	SAC Repl Cartridge S/S 2100mm (Dual)	CART2-84/2100-S/S	78586	15.6
	SAC Repl Cartridge S/S 2400mm (Dual)	CART2-96/2400-S/S	78587	17.8
SAC Repl Cartridge S/S 3000mm (Dual)	CART2-120/3000-S/S	78588	22.6	
3	S/S V-Tip* (for vulcanised belts only)	RVT6-S/S	76205	0.4
4	PowerFlex Cushion S/S*	SPFC-SS	78702	0.9
5	P/R Adjusting Bracket S/S	PAB-S/S	75515	0.4
6	Cradle Clamp Block RH S/S	CRDLBLK-RH-S/S	A2825	1.2
6a	Cradle Clamp Block LH S/S	CRDLBLK-LH-S/S	A2826	1.2
7	Mounting Bracket Kit RH S/S	PMBR-S/S	75521	3.8
7a	Mounting Bracket Kit LH S/S	PMBL-S/S	75518	3.8
8	SAC Removal Knuckle	SACRKN	77882	1.5
9	SAC Removal Handle S/S	SACRH-S/S	78397	1.4
10	SAC Handle Lock Plate S/S	SACRHL-S/S	78398	0.8
11	Knuckle Retainer Pin S/S	SACKRP-S/S	78399	0.1
-	SAC Removal Kit S/S (incl. (1) ea. items 8, 9, 10, 11)	SACRKT-S/S	78401	4.1
12	SAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	1.1
-	Cradle Clamp S/S HD Mounting Kit (incl. (2) ea. item 5 & (1) ea. items 6, 6a, 7, 7a)	CRHMK-S/S	62095	10.8



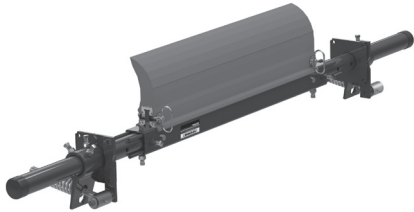
Shade items made to order.  
Contact Flexco for lead times.

## 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 Precleaner



- Extra cleaning power right on the head pulley
- A 250 mm 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

### DRX Impact Beds



- Exclusive Velocity Reduction Technology™ in order to better protect the belt
- Slide-Out Service™ gives direct access to all impact bars for change-out
- Impact bar supports for longer bar life
- 4 models to custom fit to the application

### MDWS DryWipe Secondary Cleaner



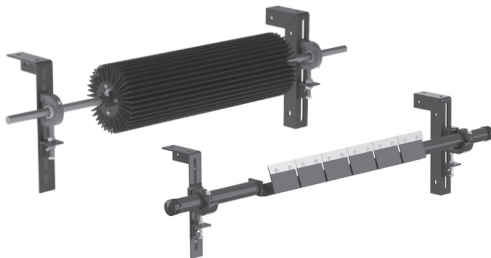
- Wipes the belt dry as final cleaner in system
- Automatic blade tensioning to the belt
- Easy, visual blade tension check
- Simple, one-pin blade replacement

### PT Max™ Belt Trainer



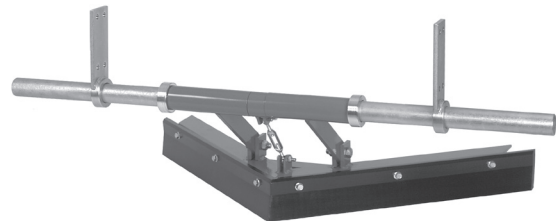
- Patented “pivot & tilt” design for superior training action
- Dual sensor rollers on each side to minimize belt damage
- Pivot point guaranteed not to freeze up
- Available for topside and return side belts

### 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 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

Visit [www.flexco.com](http://www.flexco.com) for other Flexco locations and products, or to find an authorised distributor.

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