

Flexco MHS and U-Type Retrofit Replacement Blades for Richwood® 1C-ITC Cleaner

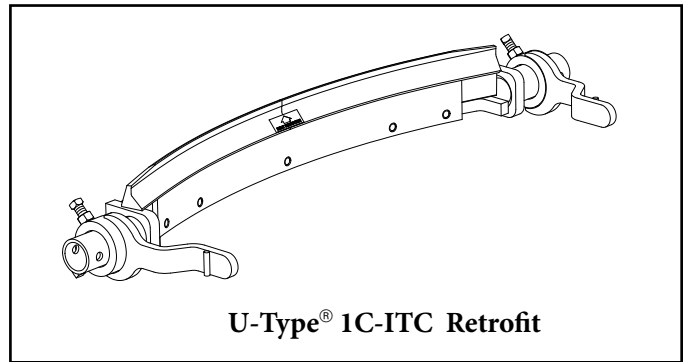
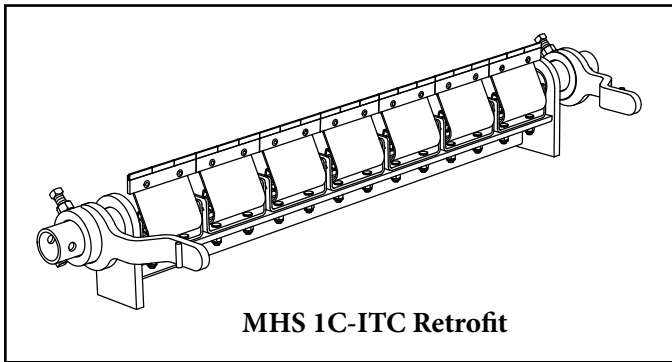
Installation Instructions



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The replacement parts described herein are designed and made by Flexco.
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Installation Instructions

MHS and U-Type® 1C-ITC Retrofit Setup Instructions



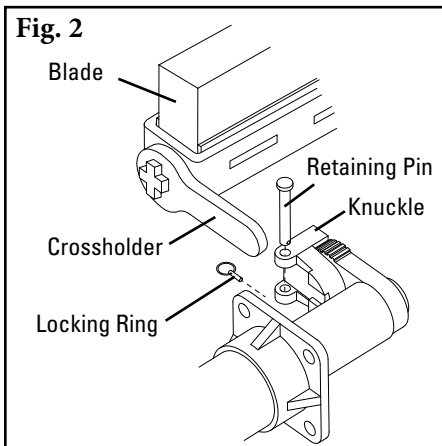
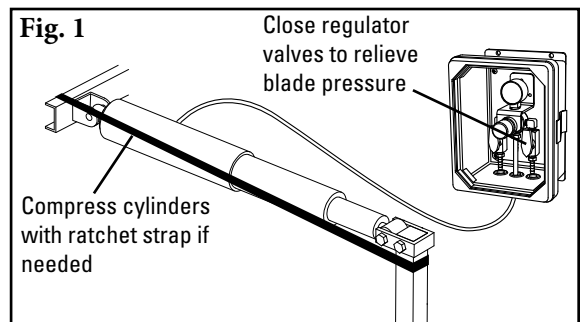
Physically lock out and tag the conveyor at the power source before you begin cleaner installation.

WARNING: V-TIPS CAN CAUSE DAMAGE TO THE BLADE AND/OR THE BELT IF USED ON A BELT WITH MECHANICAL FASTENERS OR RIP REPAIRS.

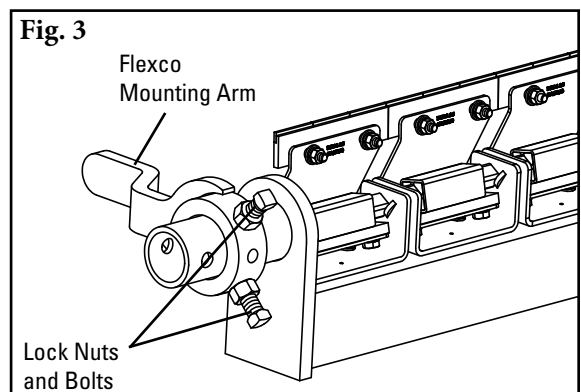
V-Tips are designed for use on vulcanized belts only.

Verify the tips on the cleaner you are about to install are compatible with the belt and replace V-tips with C-tips (impact-resistant carbide) if needed.

1. After locking out and tagging out the conveyor, close regulator valves to relieve blade pressure and drop cleaner away from belt. A ratchet strap may be needed to compress the cylinders to fully remove the air pressure, which should back the cleaner down from the belt.



2. Remove blade by removing crossholder retaining pin and locking ring on both sides (do not discard). NOTE: These blades can be extremely heavy, so use caution when removing. Then pull the crossholder arm off the knuckle on both sides (in some cases you may have to knock the crossholder off the knuckles). Once the blade and both crossholders are out of the knuckles on both sides, clean the entire knuckle off.



3. Loosen lock nuts and bolts on Flexco mounting arms and slide arms onto each side of the Flexco cleaner pole. Then insert arms into knuckles and replace crossholder retaining pin and locking ring.
4. Rotate the tips upright and snug (do not fully tighten) the locking bolts on the Flexco mounting arms.

Installation Instructions

5. Raise the cleaner up so that the tips are about 1" (25mm) below the belt. Depending on how the cleaner was set up originally, you may have to loosen the clutch nut from torque arm and turn actuator tube (using the large nut) until tips are 1" (25mm) from belt, then retighten clutch nut. Ensure the cleaner is level across the full belt width.
6. Loosen the lock nuts on the mounting arm and rotate the pole until perpendicular to the belt. Center the blade(s) to the belt, then snug mounting arm bolts on both sides to hold pole in place.
7. Remove straps from cylinders and very slowly apply pressure so tips come up to belt and lightly touch. Readjust tips to the proper angle for the cleaner type (Fig. 6) and then tighten down mounting arm bolts all the way.
8. See a Flexco HD Specialist or contact Flexco Grand Rapids BCP Engineering for recommended air pressure. Please measure and be ready to provide the four measurements on back page.
9. Once the pressure is set, ensure the blade angle is still correct.

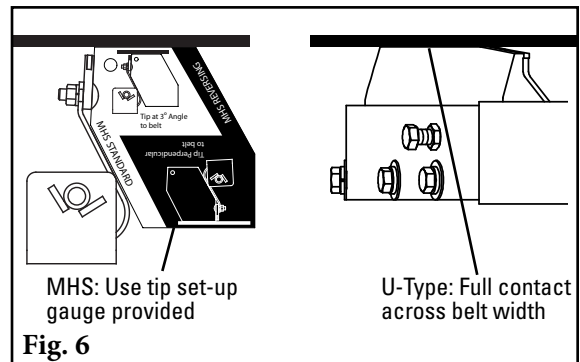
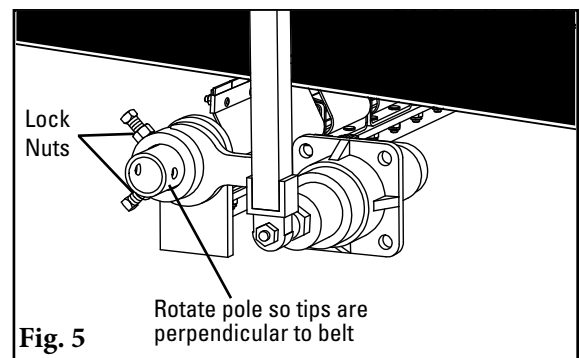
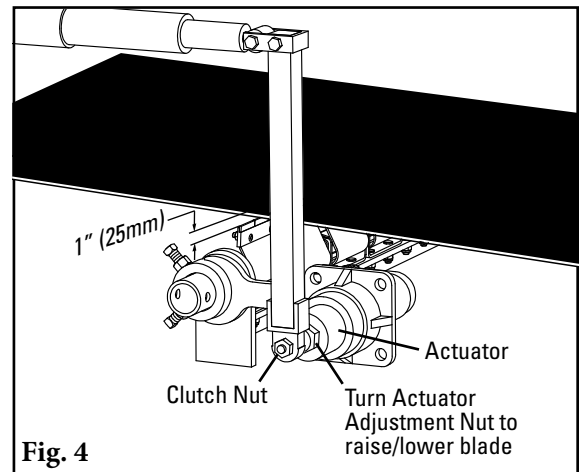
Pre-Op Checklist:

- Recheck that all fasteners are tightened properly.
- 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.

Test Run the Conveyor:

- Run the conveyor for at least 15 minutes and inspect the cleaning performance.
- Make adjustments as necessary.

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

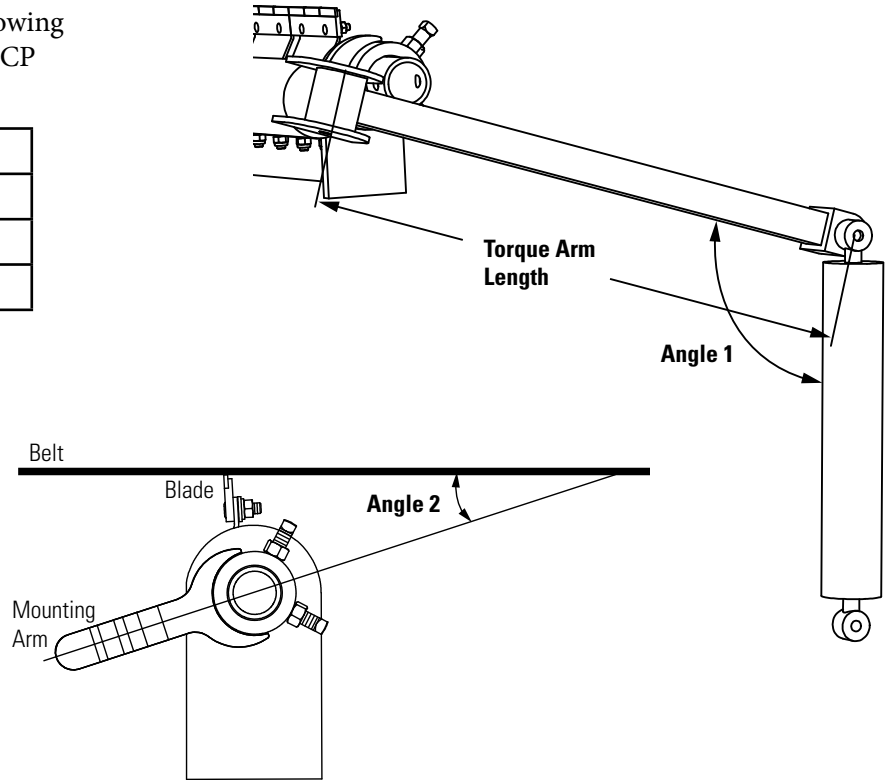


Installation Instructions

Measurements Needed to Set the Tension Pressure

For tension pressure, please provide the following measurements to your HD Specialist or to BCP Engineering in Flexco Grand Rapids.

Belt Width	
Torque Arm Length (inches)	
Angle 1	
Angle 2	



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2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 • USA
Tel: (630) 971-0150 • Fax: (630) 971-1180 • E-mail: info@flexco.com

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