

TC4600 addendum

One person should be assigned to maintain the destemmer/crusher. This person should train other operators. All maintenance should be performed by the primary operator only.

The unit has been tested at St. Patrick's of Texas prior to delivery.

The *only modifications needed are*

1. Change electrical plug to match your circuit.
2. Adjust the belt tension.

Unit must be off and unplugged when making adjustments or performing maintenance.

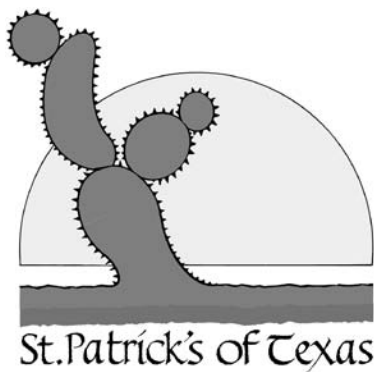
See photo of the tension adjustment mechanism for the TC4600.

To increase the tension, you need to move the rear roller toward the end of the machine.

1. Remove the hopper and covers on end of machine to get access to the bolts.
2. Loosen the 4 nuts indicated by the "1". You must do this on both sides of the conveyor.
3. See "2", the bolts and the two plates the bolt is between. The greater the distance between the plates, the greater the belt tension and more weight can be on the conveyor without slipping.
4. Use a crow bar, or 2x4 or anything handy to pry the plates apart. Do NOT use a wrench on the bolts and push the plates apart by forcibly turning the bolt. As you pry it open, then you can easily adjust the bolt/nut to increase or decrease the tension.
5. Make about 1/2" adjustment on one side of the conveyor, then the other.

The same mechanism is on the other end of the conveyor.

After you make an adjustment, run the conveyor and make sure it does not rub on either side. If it does, then you must make a small adjustment on tension on one side to get it centered.



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This manual, the schematic and parts are available on-line.

Lubrication

Grease the bearings on ends of each of the rollers annually.

DO NOT

1. DO NOT use OZONE. Ozone will destroy all rubber and plastic components and should NEVER be used on equipment with rubber or plastic components.
2. DO NOT use a HOSE or PRESSURE WASHER to clean a motor or electrical panel or bearings. Pressure washers should NEVER be used on bearings or electrical components.
3. DO NOT use METABISULFITE (or any harsh chemicals) for cleaning or sanitizing. Metabisulfite is not a sanitizer nor a cleaner and should NEVER be used as such. Metabisulfite is corrosive to most metals including stainless steel.

Special Notes for Frequency Drives

1. The Frequency Drive (inside control box) requires about 30 seconds to power down. You cannot restart the unit during this period. Thus, if you turn off the main power, then you must wait about 30 seconds to turn the power back on.
2. GFIC (Ground Fault Interrupter Circuit) may be a problem with any Frequency Drive. If you run the unit and it trips the GFI, then you will likely need to remove the GFIC.