

TROUBLESHOOTING - LPV PORTABLE SEED TREATER

Below is a table describing the most frequent problems and solutions with the Inlet and Outlet conveyors. For further assistance, contact the USC Service department at (785) 431-7900.

Problem	Possible Cause	Solution
Conveyor will not run.	<ol style="list-style-type: none"> 1. Not turned on. 2. Conveying belt loose. 3. Drive belt loose. 	<ol style="list-style-type: none"> 1. Start power source or turn on power. 2. Tighten and align belt. 3. Tighten drive belt.
Belt edge fraying.	<ol style="list-style-type: none"> 1. Belt not aligned. 	<ol style="list-style-type: none"> 1. Align and tension belt.
Low conveying capacity.	<ol style="list-style-type: none"> 1. Angle too steep. 2. Slow operating speed. 3. Conveyor belt slipping. 4. Drive belt slipping. 	<ol style="list-style-type: none"> 1. Reposition with angle at 30°. 2. Increase operating speed. 3. Tighten belt. 4. Set drive belt tension.
Discharge conveyor will not rotate right, left or raise up and down.	<ol style="list-style-type: none"> 1. Hydraulic line is leaking. 2. Not enough fluid in system. 3. Object is obstructing travel. 	<ol style="list-style-type: none"> 1. Repair or replace hose. 2. Check fluid level in reservoir. Add fluid. 3. Remove obstruction.
Treater E-Stops. Alarm message reads: "Drum Tilt Actuator NOT in requested position".	<ol style="list-style-type: none"> 1. Treater is positioned at an angle that is too steep because the trailer is not on level ground. The front or the back are too low. 2. Trailer can not be leveled at the current location 	<ol style="list-style-type: none"> 1. Level the trailer, then reset the system and continue to treat. 2. The treater inclinometer is based on true line of gravity. If the trailer can not be leveled. Log into the system as ADMIN and go to page 3 of the setpoints. Open up the angle tolerance. Plus or minus ten degrees is the maximum allowed. Refer to the U-Treat manual for more information.

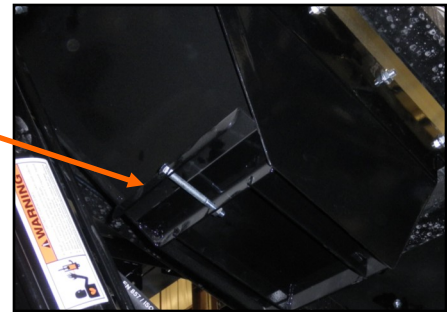
UNPLUGGING

In unusual moisture or material conditions, the machine can plug. When unplugging, follow this procedure:

1. Place all controls in neutral or off, stop motor, disable and lock out power source before unplugging.
2. Remove the nut, bolt and sliding clean out door from the bottom of the inlet tube section of the conveyor. Remove any built up material. Reinstall door and hardware.

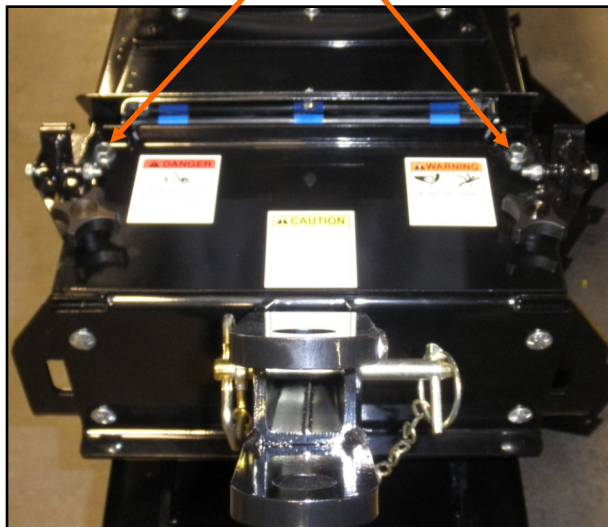


*Clean
Out
Doors*



3. Open the tail cover (below).
4. Remove plugged material.
5. Install and secure conveyor and tail covers.

*Remove shipping bolts
after receiving
conveyor*



Bottom clean-out cover



Bottom clean-out cover removed