



TROUBLESHOOTING - WEIGH & SURGE HOPPERS

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Weight display not reading steady (Bouncing)	<ol style="list-style-type: none"> 1. Bad load cell. 2. Wind Drafts. 	<ol style="list-style-type: none"> 1. Replace load cell. 2. Close doors.
No scale reading on the weigh hopper indicator on the touch screen.	<ol style="list-style-type: none"> 1. Serial cable is disconnected. 2. Scale head is unplugged. 	<ol style="list-style-type: none"> 1. Check cables for connectivity and damage. 2. Ensure that the scale head has power and is turned on.
Scale is reading incorrect weight.	<ol style="list-style-type: none"> 1. Something is touching the scale. 2. Scale needs recalibrated. 	<ol style="list-style-type: none"> 1. Ensure that nothing is leaning on or resting on the scale. 2. Zero scale. If still incorrect, have a professional scale technician recalibrate the scale.
Air gate will not close fully.	<ol style="list-style-type: none"> 1. Something is obstructing the air gate from closing. 2. Air pressure to the gate is not strong enough. 	<ol style="list-style-type: none"> 1. Remove obstruction. 2. Ensure that the bin slide gate has at least 100 psi of air being supplied to it.
Air gate is opening when it should be closing and vice versa.	<ol style="list-style-type: none"> 1. Air lines to the air gate are reversed. 	<ol style="list-style-type: none"> 1. Switch the hoses to the front and the back of the air cylinder.
Diverter is leaking seed through bypass side while in TREAT mode of operation.	<ol style="list-style-type: none"> 1. Insufficient air pressure to actuate the diverter K-Valve. 2. An obstruction in the diverter is stopping correct placement of the diverter plate. 	<ol style="list-style-type: none"> 1. Ensure that at least 100 psi of air pressure is present at the diverter. 2. Remove obstruction.
Vibrator will not start.	<ol style="list-style-type: none"> 1. Not getting proper voltage. 2. Thermal overload protection has tripped. 	<ol style="list-style-type: none"> 1. Check power supply to unit. 2. Wait at least two minutes, then reset by switching firmly off then on again.
Vibrator stops running.	<ol style="list-style-type: none"> 1. Power is disconnected. 2. Thermal overload protection has tripped. 	<ol style="list-style-type: none"> 1. Check power supply to unit. 2. Wait at least two minutes, then reset by switching firmly off then on again.