

Online Troubleshooting

The steps below will assist you in identifying some of the basic problems that can arise within aqueous cleaning processes. If you identify a specific problem and need help to rectify it, just [email](#) or call our Service Department (517) 905-5352 and a Service Technician will be sent to help you out.

My machine won't start or run!

1. Check all emergency stop buttons around the machine to be sure they are in the "out" or "run" position.
2. Check to be sure there is appropriate voltage and amperage to the control panel and that the control panel lights come on when the master power switch is in the ON position.
3. Be sure to press the green "Master Start" button that is on the control panel usually at the top left side of the panel.
4. Check the PLC screen or lighted push buttons to be sure that the machine is in the "Auto" mode not the "Manual" mode.
5. Check the red, amber and green warning light tree on the top of the control panel to see if the red or amber lights are lit signaling a fault or component trouble. See your control panel PLC screen or lighted push buttons for red or fault indications for the individual systems.

I've identified a component problem, now what?

With the machine power off:

1. Check the component to be sure it isn't physically jammed or stuck.
2. Check the component's electrical box to be sure the conduit/wires leading to it are not damaged or pulled out.
3. If the component has a filter, remove it and check it for excessive debris.
4. Check the service life of the component and see if it is nearing the end of its operational life span.

My parts aren't coming out clean anymore!

1. Check your bath to see if it is acceptably clean, if not, change the bath and filters.
2. Check the bath soap concentration and be sure it is correct and that the proper chemistry is in the bath.
3. Check your spray headers to be sure that cleaning solution is coming out of the nozzles, if not clean or change the nozzles.
4. Check the spray headers to be sure they are in the proper position, not broken or bent by a mis-loaded part.
5. Check your pumps to be sure that they are pumping at the proper pressures as indicated by the flow gauges on your filtration system or on the control panel if you selected that option.

My parts aren't coming out dry anymore!

With the machine power off:

1. If you have a blow off system, check your air blower(s) to be sure they are operating at the proper pressure as indicated by the digital gauges for positive back pressure.
2. If you have a dryer system, check your squirrel cage blower to be sure its running and the fins are unobstructed.
3. If you have a blow off system, check the orange air hoses leading from the blower(s) to the air knives or air nozzles to be sure they aren't broken, split or obstructed. You will have to remove the filter covers to get at the hosing inside the machine connected directly to the blower(s).
4. If you have a dryer system, check the opening from the fan box to the drying stage to be sure it isn't obstructed and can pass the re-circulated hot air to the parts.
5. If you have a heated blow off system, be sure your electric heater elements or gas fired heat system is functioning properly (you will need to contact the service department for instructions on how to check these systems).
6. If you have a dryer system, check the electric heater elements or gas fired heat system is functioning properly (you will need to contact the service department for instructions on how to check these systems).
7. Check all air nozzles, air knives or air tubes to be sure they aren't plugged or bent over by mis-loaded parts. Clean or replace as necessary.

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Because Crown is here to help I hope this helps get you up and running.
I do however realize not every problem can be solved online.
Please don't hesitate to call or email me for further assistance.
Crown is here to help.

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