

- Check the interior of the machine and remove any foreign material.
- Ensure all curtains, baffles, and screens are installed and positioned properly.
- Check breaker(s) size; ensure the house breaker is the same size as the "Machine Electrical Connection" label found inside the main control cabinet. Booster and blower dryer are optional, they too may have a separate control cabinet.
- Check and ensure all plumbing connections are connected and no leaks; water, drain, cross flow tubes, steam (if applied). Ensure all internal electrical wires are connected for each section.
Note: Machines with Heat Recovery system has (2) water connections; 110' and cold water.
- Check the conveyor belt tension. There should not be any slack on the bottom half on the conveyor belt. On the unload end of the machine, you should be able to raise the conveyor belt equally on both sides approximately 2" off the track.
- Close the tank drain(s).
- Turn the main power on at the breaker panel or fused disconnect switch.
 - Machine main power.
 - Electric booster main power (if applicable).
- Flip the Power Switch on the front of the Control Cabinet to the "ON" position.
 - The power light will illuminate.
 - The machine will begin to fill with water.
- Allow the machine to completely fill with water.
 - The water will shut off automatically and the heat will energize.
 - Check for proper water level in each tank. (water level - center of top float switch)
- Check for leaks and take corrective action if required.
 - Pumps, seals (during operation and setting idle)
 - Valves
 - Tank seams
 - Drains
 - Detergent and rinse aid dispensers (supplied by others)
- Monitor the tank thermometers for the proper temperature reading.
 - Allow sufficient time for the tank heat to reach operating temperature.
 - Prewash 120° - 140° (no heat)
 - Wash 150° - 170°
 - Power Rinse 160° - 180°
 - Econo Rinse 165° - 185°
 - Adjust the thermostat setting, if necessary.
- Press the GREEN start button on the front of the control cabinet.
- Move the conveyor shut-off shelf located at the end of the unload section toward the center of the machine.
 - This resets the automatic conveyor stop system.
 - When an object on the conveyor contacts the shut-off, the conveyor stops.
- Check the door safety switch by opening each door; machine should shut down.

Start-up Form

E and EE UC-C, UC-CW

- Check the direction of rotation of each pump and drive motor for proper rotation.
 - If all the pumps and drive motors are incorrect:
 - Reverse wires L1 and L2 on the disconnect switch side of the main electrical terminal block, located inside the control cabinet.
- Check the Anti-Jam switch on the conveyor belt drive. The anti-jam switch is located just below the large conveyor drive sprocket on the front side of the unload section. (factory set)

To adjust:

- a. If the conveyor belt stops too easily, the micro switch should be lowered. The micro switch bracket is slotted. Loosen (2) hex head screws and lower the switch, retighten screws.
- b. Have a person of average build (about 185lbs) hold the belt with both hands and pull against the direction of travel. The belt should stop with much force.

REMINDER FOR END USER: Although the Anti-Jam switch is factory set, the final adjustment of the drive anti-jam switch depends upon the overall length of the conveyor belt and the maximum weight that may be placed on the conveyor belt during normal operation. The Anti-Jam switch is not a safety switch.

ANTI-JAM SWITCH SHOULD BE CHECKED MONTHLY

- Check drive components for proper lubrication.
 - Check drive chain for proper lubrication. (use heavy weight grease to prevent lubricate from running onto drive components)
 - Check oil level in gear reducer (should be checked every 6 months).
- Check the alignment of the conveyor belt. Adjust the take-up assemblies so that conveyor rollers track evenly on conveyor sprockets. (There should be no slack in conveyor belt)
 - Check for broken plastic links or bent conveyor belt rods. If broken links or bent rods are found, repair broken parts immediately.
- Check the Energy Sentinel (idle pump shut-off) by placing a tray or dish on the moving conveyor belt prior to the electric eyes found on the load end of machine.
 - The pumps will start as the object enters the tunnel of the machine.
 - The econo rinse pump starts with the final rinse.
 - Check pump motor rotation. CW when viewed from the rear of motor.
- Check the final rinse temperature as the object enters the final rinse area.
 - The final rinse temperature must be 180° - 195° F.
 - Adjust the temperature of the incoming water supply, if necessary.
 - Adjust the booster thermostat setting if necessary.
 - Check final rinse nozzles for blockage (lime build up), clean if necessary.
- Check the final rinse water pressure as the object enters the final rinse area.
 - The final rinse pressure must be 20-22 PSI flow pressure.
 - Adjust the pressure reducing valve setting, if necessary. (factory set)
- Check that the pumps and final rinse shut-off before the object reaches the conveyor shut-off shelf.
 - Adjust timers, if necessary. (Factory set)
- Check that the conveyor belt stops when the object pushes the conveyor shut-off shelf.

Start-up Form E and EE UC-C, UC-CW

- Move the shut-off shelf toward the tunnel of the machine. The conveyor belt will start moving again.
- Push the RED stop button. The conveyor belt will stop moving.
- Flip the power switch on the control cabinet to OFF. The red power light will go out.
- Open all the drain valves and check that the house drains can handle the flow.
- Explain that the machine must be drained after end meal period or every 2 hours of operation.
 - Scrap screens, pump intake screens, and drain strainer must be cleaned.
 - Reference operation manual for more detail instructions regarding operation, daily cleaning, and prevented maintenance.

Model _____, Serial _____

Conditions Found

Corrective Action Needed

General Manager _____ Date _____

Champion Sales Representative _____ Date _____

Champion Service Representative _____ Date _____