



Equipment Operation Check List

Daily Start Up

1. Check Iso Level (Add material or change drum as required) **RED DRUM**, connect air to iso drum
2. Check Resin Level (Add material or change drum as required) **BLUE DRUM**, connect air to resin drum
3. Turn on resin mixer (60 minutes min. on high, depending on air supply run on low speed all day)
4. Turn on Electric power to spray machine
5. Turn hose heater to operational heat setting. Allow to preheat 30-60 Minutes until up to temperature
6. Turn Iso and Poly material heaters ON
7. Clean and/or Service Gun for spraying

Spray Time

1. Ensure spray gun is serviced and ready for spraying
2. If system purge is required, remove gun side blocks for system purge
3. Purge unheated material out of material lines and pour back into drums, ensuring fresh hot material will be ready to shoot from the gun
4. Turn air ball valve to ON position (in line with air line) on main machine
 - Flip toggle switch to run
 - Pressures both gauges read 1800-2500 psi based on input air
 - Gauges read +/- 200 psi of each other
5. Turn Air ON to Gun. Trigger gun to purge out white grease
6. Open Valves on Gun for Material Flow. Do this one side at a time to ensure no material blow-by
7. Spray gun on to test area to check spray pattern
NOTE: It May take 1-2 Strokes of the machine to get Hot material to shoot out of the nose of the gun. Check the following if material continues to stream out of gun; **A.** At least 85 psi of air pressure **B.** Equipment air is plugged in **C.** Hose assemblies have had enough time to preheat **D.** Your Gun Is Clean
8. Ensure material is dry before proceeding
NOTE: On the first job of the day, it may take up to 20-40 seconds for the material to completely dry, since the material may not be completely preheated up to operational specifications. This is normal and is not a problem. If the material never dries, that is a problem...
NOTE: Pressures should read +/- 100 psi of each other while spraying

Spraying Complete/Daily Shut Down

1. Flip Toggle Switch to retract
2. Trigger gun until pump retracts and gauges read 500-1000 PSI
3. Close Valves on Gun For Material Flow, Trigger gun to relieve pressure
4. Allow air to purge from gun for 15 seconds
5. Pump white lithium grease into P2 gun via zert, grease comes out nose, turn off air valve
6. Turn Off Main Air Supply valve to main machine
7. Turn Off Main Power Switch on main machine
8. Disconnect air from Iso and Resin drums
9. Apply CU-6 to machine pump shafts

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