



Somat Company

SERVICE BULLETIN

Effective: 2-19-09

Action Required: NO

Units Affected: SPC-75, SPC-60, SP-75, SP-60

Starting Serial Number: #9018

As of 2-19-09, our fill systems on the SOMAT pulpers has changed. Previously, we employed an electronic proximity sensor. We have changed to an ALL PLC system. This means, there is no more air pump and pressure switch on new systems, and there will be no proximity sensor on new machines.

The basic run down for adjustment of water level and operation is as follows:

- ↳ Power **ON**
- ↳ Release **RED** stop button if engaged.
- ↳ Press **GREEN** pushbutton, unit will pre-fill if no water is in tank. Pre-fill duration timer is POT 1. Clockwise rotation of the pot will **INCREASE** water level in the tank on PRE-FILL. POT 2 is for make-up water, again, clockwise rotation off the pot will add more water during operation and you will get more over-flow at the extractor. Keep in mind that too much make-up water during a run cycle can inhibit processing.
- ↳ **Green** pushbutton is still used for start and for flash codes. Ie, one flash, pause and repeat means tank is filling. Check your electrical diagram for the units specific codes.
- ↳ Timed stop no longer has an adjustable POT. The spray rinse timed stop function has been hard coded into the PLC for a 5 minute run.
- ↳ All units will now have a Motor Operated Valve instead of a manual ball valve to drain the tank. The DRAIN button will be located on the panel door and is **THE ONLY** way to drain the unit after a run cycle. The drain can be opened after a timed stop sequence or after the stop button is pressed.
- ↳ Unit **WILL NOT** start while drain is open. (slow green flash for an open drain)
- ↳ Unit will **CLOSE** drain and refill pulper when the **GREEN** pushbutton is pressed if the drain is open.
- ↳ Remote pushbutton units will have drain button located on the panel door.
- ↳ Pulper lid **CAN** be opened during pre-fill without shutting off the solenoid. Unit **WILL NOT** start while lid is open and in pre-fill. This function is to be used **only** by the service tech to set the static water level and **IS NOT** to be shown to customers as an option.
- ↳ Fill duration is preset from the factory at 3:00 minutes. This means that from the moment the machine starts to fill, it will fill for 3:00 minutes before it shuts off the solenoid and allows the system to be started. Technician needs to be sure proper water level is set. If water level is too low or too high by making an adjustment, you will need to drain unit entirely and adjust POT 1 before refilling.
- ↳ Fresh water makeup water duration is set at 15 seconds. This is 15 seconds of makeup water and 15 seconds off and repeat during operation.
- ↳ If the power is turned off or if there is a loss of power to the building and the pulper is full, the system has been programmed to drain the pulper upon power being restored. The **GREEN** pushbutton will need to be pressed in order to close the MOV and refill the pulper.