



SERVICE BULLETIN ALERT!

EFFECTIVE: 03-10-08

Models affected: SPC-75S and SPC-75UDT and 75 remote units.
Action required: No
Upgrade available: Yes

As of 03-10-08 Somat company has decided to eliminate the air pump, the pressure switch, the snubber, the airlines, and the standpipe from the close coupled 75 machines. This is due to a problematic pressure switch.

The new system will be entirely run by PLC based logic. There will be minimal adjustments to machines. The order of logic operates exactly like a pressure based system. If power is turned on, all safeties are latched and the e-stop and stop pushbutton are unlocked then the machine will fill. Once fill has completed, the green light will illuminate indicating a "Ready" status, or, indicating the machine is ready to run.

On the PLC, there are 2 "pots" for timer sequencing. There is an upper and a lower. The upper timer "pot" is used for a spray rinse timer. The lower "pot" is used for fresh water make-up. Peak areas to place the "pot" are between 9 and 1 if a clock face is referenced. 9 position you will receive less of a fill. At the 12 o'clock you will receive about 15 seconds of fill and 15 seconds hold, then repeat. There is code written in the PLC that if that if the PLC does not see water for 30 seconds it will shut the machine down. If the machine shuts down due to a no water fault, then diagnosis will need to be performed as to why water loss occurred.

With the elimination of the standpipe, there is now a water level control sensor in place inside of the tank. This sensor should not need adjustment, although be aware that if the unit is not properly cleaned the sensor may be "tricked" into seeing a full status by debris being stuck on the sensor. Please ensure your customers do a proper cleaning to avoid unwarranted service calls.

For customers that have a problematic pressure based system, an upgrade is available. The machine can be retrofitted with a PLC system. By doing so, the pressure system will be eliminated and all water level control will be handled by the PLC and the sensor located inside of the tank. Please contact the service dept. for inquiries.