

Blowback: reverse blow valve, backflow valve open, the rest of the valves are closed, reverse blowing time in 0–60 minutes arbitrary regulation, anti blow when reaching a certain time, a time relay the signals given press end and directs PLC enters the next working shape (membrane), the reverse blow valve closure.

Diaphragm squeeze: press the valve open, all the tap is open, the rest of the valves are closed, open press pump. Press pump available at the time of 0–60 minutes arbitrary regulation, feeding pressure reaches 1.3mpa, press pressure sensor receives the signal press end and directs PLC enters the next working shape (pumping), then press the valve, press the pump stops working.

Pumping pumping valve is opened, the rest: the valves are closed, open water pump. Pumps available at the time of 0–60 minutes arbitrary regulation, pumping up to a certain time, pumped by the time relay the signals given end pumping and instructs the PLC enters the next working shape (loosen filter plate), the flush valve closed. At this time the alarm begins until the operation workers by stops.

Undo filter plate: automatic pressure release, oil pump and release electromagnetic valve, pressure plate back, when the back and on the pressing plate to an induction switch receives the signal, the pressing plate back stop, loosen the solenoid valve to stop working, PLC into the next state (pulling plate of cake discharge).

Pulling plate of cake discharge: pressing plate back in place, pause the 1–2 minutes, and residual liquid safety after discharge, plate drawing carriage started successive open filter and artificial love aided slag. We can according to the actual pull plate suspension device to stop or continue pulling plate this action. Until the silence and pull the last filter plates touch plate into place sensor when the car back and touch the plate cylinder end position sensor to stop, PLC enters the next working state (press filter plate).

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