Automatic overflow liquid filling machine SAOF

Description:

In pressure overflow filling systems the product is pumped or gravity fed from a tank through a filling valve to the container. The filling valve contains an over flow tube to drain the excess product back to the supply tank and prevent overfill. The fill level of the container is determined by the depth of the overflow port within the neck of the container. When the product reaches the overflow port, the fill is completed, but the flow continues through the overflow tube until the seal on the container is broken and the valve sleeve covers the ports in the filling nozzle and stops the flow. The fill level will be the same regardless of bottle inconsistencies.

Technical Specifications:

Model	**SAOF**
No. of filling head**	As per required
Fill Size	200 ML to 5 Ltrs
Viscosity Range	2000 CPS (Centipoises)
Foamy Product***	Yes
Corrosive Product****	Yes
Heated Product*****	Yes
Electrical Specification	415v , Single Phase, 50 Hz
Air Requirement	80 to 100 PSI @ 2 CFM
Overall Dimension (Approx.)	1981.2 mm (H) X 1422.4 mm(D) X 3048mm(L)
Weight (Approx.)	1100lbs. (498.95 Kg.)

*Depends on filling size and viscosity of liquid
** We can supply as per customer's requirement
*** The machine may require changes depending on product.
**** Many cases contact parts will need to be changed to match the corrosive product
***** May require changes, depending on the fill temperature

Key Feature:

1. No Bottle No Filling System
2. Pneumatic Diving nozzle
3. Pneumatic Bottle Stoppering Arrangement
4. Pneumatic operated valve
5. Stainless Steel no drip Fill Heads
6. On the fly adjustments
7. Stainless Steel drip collection tray
8. Stainless Steel Food Grade Manifold with Tri-clover connections
9. 304/316 Stainless Steel Food Grade Over flow Tank and float tank
10. HDPE reinforced tubing
11. 10 Feet Stainless Steel variable speed Conveyor
12. Suitable Transfer Pump

Salient Features:

- PLC Based Controller
- 316 Stainless Steel Upgrade
- Overall production counter.