

30x12 FLOW METER BASED ROTARY FILLING AND ROPP CAPPING MACHINE



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Description

Flow Meter filling is the ideal solution for conductive and non-conductive liquids with no moving parts in contact with the product regardless its foaminess or viscosity. The system includes automatic 'Recipes' choice from the Human Machine Interface.

Flow meter filler and capper mono-block are based on conductive or nonconductive liquid is passed through it. Mag flow meters are suitable to handle all products having a minimum level of electrical conductivity of 5 micro Siemens. Mass flow meters are particularly suitable when handling liquid products without electrical conductivity, such as oils etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction
- In feed screw, star, main star, and exit star wheels precisely align each bottle
- Optional Motorized height adjustment of capping turret.
- No bottle no filling, no bottle no cap release, Out feed jam machine stop, no cap in chute machine stop, Auto feeder on/off system, Safety door open machine stop,
- Flow meter on each filling head
- Cap feeder auto on/off system preventing cap damage
- Clutch system in feed worm to avoid bottle damage during operation
- High filling accuracy: $\pm 1\%$
- Precise single track cam to control capping head up and down movement
- Programmable for multi speed and profile filling cycles
- Integrated fault light and alarm to inform operator production error
- Individual nozzle/head fill volume adjustment by HMI
- Synchronized variable speed control.
- All contact parts are SS-316/peek/PTFE/silicon/EPDM and non-contact parts SS 304, MS frame structure with SS cladding
- Lifetime pre lubricated gear motor for Main drive
- Precise filling valve for 100% spillage/drip free on bottle neck and shoulder
- Fully interlocked guarding for machine protection safety
- CIP at temperatures up to 70°C