RINSER COUNTERPRESSURE FILLER CAPPER MONOBLOCK - MODEL COMPACTBLOCK 6.6.2



Information about the product:

Product Non Carbonated / carbonated

Bottles type Glass bottles Power 0.37Kw

180 litres of air per minute @ 6 bars pressure 240v 50hz single phase Air consumption

Voltage

Fill temperature 0-2º Celcius

Technical information about the project:

Painted steel covered with stainless steel plates.

Structure on 4 lockable wheels for easy moving of the filler-block in client's factory.

6 Rinser nozzles



EASY CLEAN STAINLESS STEEL BASE WITH RECESSED WORKING AREA TO PREVENT PRODUCT & WATER SPILLAGE "NO BOTTLE, NO SPRAY TECHNOLOGY" ON EACH RINSER POCKET

6 electro-pneumatic counter-pressure filling valves (diameter 15mm)



TWIN HEAD CROWNER WITH TOUCH SCREEN HMI CONTROL PANEL FOR EASY MANAGEMENT OF THE CONTROLS OF THE FILLERBLOCK. INJECTION OF CO2 INTO THE NECK SPACE OF THE GLASS BOTLE PRIOR TO CLOSING TO REMOVE RESIDUAL OXYGEN IN THE HEADSPACE.



EASY ACCESS BACK DOORS FOR FILLER MAINTENANCE

Descriptions:

This triblock has been designed to assist the packaging of carbonated products in glass bottles with Crown corks. 3 phases of packaging in a single steel base, on wheels.

Rinser, counter-pressure filling and closing with Crown corks

Our clients have recorded dissolved oxygen levels of around 40-100 PPB in the bottles after filling and capping with our COMPACTBLOCK

Productions speed up to 500 bph on 330ml (depending on operator ability, bottle size & fill temp)

Bottle sizes possible 370mm height bottles - 150mm diameter bottle

Caps size Crown Caps

OPERATING CYCLE OF THE FILLER

1) Place the bottles on the filling positions

- 2) The machine is then activated by means of pressing two buttons simultaneously
- 3) The safety door comes down automatically (pneumatically driven)
- 4) The bottles are lifted pneumatically under the filling valves
- 5) The vacuum system sucks air out of the bottle
- 6) The machine fills the bottle with fresh CO² from the CO² canister (not from the filling tank)
- 7) The vacuum system sucks air out of the bottle
- 8) The machine fills the bottle with CO2 from the header tank
- 9) The machine achieves stability of pressure and starts releasing the liquid in the bottle
- 10) The machine snifts the fill level gently (in three micro-impulses) as to prevent foaming
- 11) The bottles lower down from the valve to the rest position
- 12) The safety door opens automatically and the bottles are removed manually and transferred to the capping unit

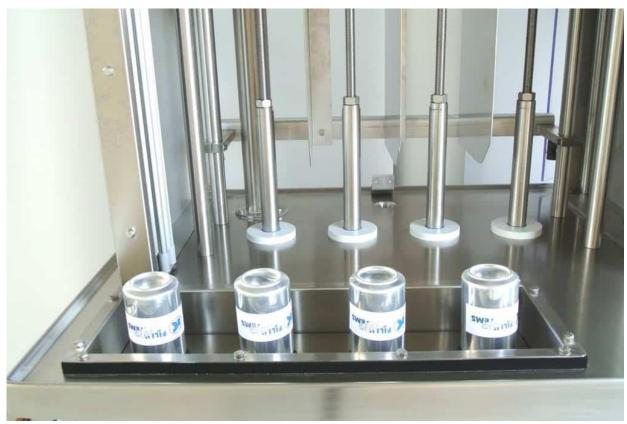
Hugely improved design with many new and enhanced features including:

- Faster filling cycle
- Higher quality of vacuum for oxygen retention lowest in the industry
- Oxygen TPO (Total Pickup of Oxygen) values between 50-80 ppb
- User friendly HMI 3" touchscreen control panel
- Easy clean stainless-steel base with recessed working area to avoid product spillage
- Total control of fill cycle (pre-evacuation, CO² injection, filling, degassing) through interactive touch screen 3" control panel
- IoT Smart Device: Full internet connection available as an option for remote technical diagnosis and assistance
- High visibility vacuum tank to ensure visual monitoring of correct operating status
- Easy visibility and access from rear via transparent opening doors for easy maintenance
- Possibility to fill short neck bottles
- Rinser with "No bottle no spray" system
- Flexibility to fill any size glass or PET bottle as well as aluminium can
- Easy and rapid changeover from glass bottling to aluminium can filling and seaming

ACCESSORIES FOR CAN FILLING AND SEAMING

RINSER FILLER FOR ALUMINIUM CANS





ALUMINIUM CAN SEAMING MACHINE WITH SLIDING AUTOMATIC CAN LOADING SYSTEM









CAN LOADING FROM THE LEFT