

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
Air consumption	180 litres of air per minute @ 6 bars pressure
Voltage	240v 50hz single phase
Fill temperature	0-2° Celcius

Technical information about the project:

Structure:

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 CO<sub>2</sub> 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**

<b>Productions speed</b>	up to 500 bph on 330ml (depending on operator ability, bottle size & fill temp)
<b>Bottle sizes possible</b>	370mm height bottles - 150mm diameter bottle
<b>Caps size</b>	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 CO<sup>2</sup> from the CO<sup>2</sup> canister (not from the filling tank)
- 7) The vacuum system sucks air out of the bottle
- 8) The machine fills the bottle with CO<sup>2</sup> from the header tank
- 9) The machine achieves stability of pressure and starts releasing the liquid in the bottle
- 10) The machine sniffs 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, CO<sup>2</sup> 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**