



**FILLING
SYSTEMS**



MICROBLOCK 6611 EPV — HYBRID

RINSER - FILLER - SEAMER - CAPPER - MONOBLOCK

For counterpressure filling of carbonated beverages
in glass bottles and aluminium bottles / cans

MICROBLOCK 6611 EPV — HYBRID

for Glass Bottles & Aluminium Cans

The automatic HYBRID 6611 EPV fillerblock is able to produce up to 1,500 x 330ml bottles or cans per hour on the same frame.

This whole bottling line in a “U-shape” conveyor system can be run with just one single operator in automatic mode.

Unlike some systems available on the market, you can fill different size bottles/cans with this line with adequate tooling. It is an extremely flexible & versatile bottling/canning system.

Format change-over time is only 10/15 minutes from one bottle to another, completely tool-less.

Our fillerblock, thanks to the electro-pneumatic control of the filling valves fluxes/ filling sequence, offers high-speed precision filling and in the case of beer & cider filling, minimal Dissolved Oxygen (DO) pickup levels.

Method of operation for beer:

The glass bottle is firstly pressed into the valve to create a hermetic seal & then undergoes double pre-evacuation & CO² flushing to remove oxygen completely from the bottle

Once the pressure is the same/balance in the header tank and in the bottle, the filling process starts.

Once the liquid level reaches the end of the vent tube, no more gas can escape from the bottle and the filling valve is closed.

After a settling phase, the snifting valve lowers the pressure in the bottle's head space and the filled bottle leaves the machine which then travels towards the automatic capper.

Characteristics:

- Reliable calculation of the fill level using the length of the vent tube
- Low-oxygen filling thanks to double pre-evacuation with intermediate CO² flushing
- Closed CIP circuit
- Hygienic design
- Electro-pneumatically controlled filling valve functions for maximum flexibility, which is managed by the operator on the main control panel.



Capper



Can head distribution



Can seaming head



Rinser



2,600mm
Width

4,600mm
Length

2,450mm
Height

Max Height: 2,450mm
Max Length: 4,600mm
Max Width: 2,600mm

Italian made quality in an automatic rinser / filler / seamer / capper with low oxygen pick up
New EPV electro-pneumatic filling valves

The brand new HYBRID 6611 EPV (Glass Bottles and Aluminium Cans & Bottles) is an innovative counterpressure filling system

It represents the best solution available for entry level automatic carbonated beverage filling for glass bottles, aluminium bottles and aluminium cans. Suitable for filling beer and any other carbonated beverages, it features our new EPV (Electro Pneumatic Valve) technology. The EPV valve allows total flexibility in adjusting the filling cycle. It does this by adapting the vacuum and filling timings to the requirements of each different carbonated drink through a user-friendly 7" colour HMI touch screen control panel.

The HYBRID 6611 EPV includes a Rinsing Section supplied with 6 rinsing nozzles, 6 Electro-pneumatic Counterpressure filling valves and a single head Capping Turret suitable for various cap applications on glass/aluminium bottles and a single head seamer for cans.

Turret height adjustment system to accommodate different sized bottles/cans.

It is possible to install a multifunction capping turret with various cap application requirements eg. both ROPP and Crown Caps on a single turret.

This model is available to fill both glass bottles, aluminium bottles and aluminium cans.



Counterpressure Filling Tank

Hugely improved design with many new and enhanced features including:

- Faster filling cycle up to 1,500 bph/cph (with still water)
- Higher quality of vacuum for oxygen removal — new high-performance pump
- User friendly 7" colour & PLC HMI touch screen control panel
- Capper - can now also apply ROPP, Corks, Crown and Plastic Screw Caps
- Ethernet connection available as an option for remote software technical diagnosis and assistance.
- Easy visibility and access from all sides via transparent opening doors for easy maintenance
- Possibility to fill and cap short neck bottles
- Rinser with "No container - no spray" system
- Flexibility to fill any size bottle or can
- Easy and rapid changeover from glass bottling to canning
- Product to be filled: Carbonated beer, cider, carbonated soft drinks, kombucha, water, wine and cold coffee
- Container: Glass Bottles & Aluminium Cans
- Closure: Various on demand
- Optional Multiple caps revolving turret available
- Rinsing system: Water or air
- Filling system: Electro-pneumatic Counter-Pressure valves

Optionals:

- Parts to handle 29mm crown caps
- Inert gas injection prior to capping
- Spray bottle wash tunnel after capping
- Liquid nitrogen dosing for still products
- Under cover CO2 flushing for cans
- UL/CE/CSA electric parts

*Further details,
enquiries and videos at:*
<https://icfs.to/6611>

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