

NEW!



**FILLING
SYSTEMS**



MICROBLOCK 551 EPV

Rinser - Counterpressure Filler - Crowner

FOR FILLING CARBONATED DRINKS IN GLASS BOTTLES

Automatic Isobaric Microblock - Model 551 EPV

Automatic rinsing-filler-capper with low oxygen pick up of Italian made quality.
New EPV Electro Pneumatic filling Valves, with special pre-evacuation of air.



The **brand new Microblock 551 EPV** is an innovative new generation system compared to similar all-in-one machines on the market. It represents the **best solution available** for entry level automatic beer filling lines.

The machine is suitable for filling **beer and carbonated drinks** and it features our new **EPV (Electro Pneumatic Valve) technology**. The EPV valve allows total flexibility in adjusting the filling cycle by adapting the vacuum and filling timings to the necessity of each different carbonated drink via Siemens PLC.

Microblock 551 EPV consists of a **Rinsing Section** supplied with **5 rinsing nozzles**, **5 Electro-pneumatic Isobaric Counterpressure filling valves** and a single head **Crowning Turret** suitable for crown cork application on glass bottles.

The machine is also equipped with a device for the **detection of the bottle on the conveyor** (no bottles on conveyor, no rinse) featuring a photocell which stops the machine and closes the rinsing electro valve in case of missing bottles and a **turret height adjustment system** to accommodate different height bottles.

The capper can close both **26mm and 29mm** crown caps.



Rinsing Turret supplied with 5 nozzles and equipped with a device for detection of the bottle on the conveyor.



Counterpressure Filling Turret, supplied with 5 Electropneumatic Isobaric valves suitable for filling beer and carbonated drinks into glass bottles.



Automatic Capping Turret supplied with:
- Automatic AISI 304 stainless cap sorter,
- AISI 304 Chute equipped with cap presence monitoring device
- Capping head for crown corks.

Specifications:

Product to be filled	Beer
Type of bottle	Glass
Type of closure	Crown cap Ø 26 mm
Rinsing grippers nr.	5
Filling valves nr.	5
Capping heads nr.	1
Rinsing system	by water – single stage treatment
Filling system	electropneumatic isobaric valves
Filling temperature	0-3°C
CO2 content	Max 5,5 g/lt.
Pressure	Max: 2-2,5 bar
Bottle standard dimensions	Ø min. 50/max. 100 – h min.180/max. 340
Machine rotation	Clockwise
Speed adjustment	electronic, by inverter
Photocells automatic start/stop	included (positioned at inlet and exit)
Working height	1.100 mm. ± 50 mm
Conveyor dimensions	100x125 mm
Conveyor chain	82,5 mm
Output	1000 bph x 330ml

Optionals:

- Insert gas injection prior to capping
- Spray bottle wash tunnel after capping
- Parts to handle 29mm crown corks
- UL/CE electric parts



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