

**GOLDONI**

# HIGH VACUUM AUTOMATIC CAPPING MACHINE G55



**GOLDONI S.r.l.** via Aldo Moro, 19/7  
43038 Sala Baganza (PR) ITALIA  
tel. +390521337267 fax. +390521548673  
[www.goldoni-progetti.it](http://www.goldoni-progetti.it)

## Description

The oxygen in ambient promotes oxidation in the product causing change in colour and raising of aerobic microorganisms affecting the product. For this reason it is necessary for a correct conservation to extract the air inside the containers.

The machine extract the air **mechanically** trough a pump. This procedure is particularly efficient to reduce the oxygen quantity down to a very low level. It is particularly indicated for hygroscopic products and products packaged at room temperature (lyophilized, citrate, salt, medicine in powder or tablets, coffee, cheese, mayonnaise, cream in general, meat pate, sauces, etc.).

The machine can be set to operate with **modified atmosphere**: after the extraction of air the container is saturated with inert gas (nitrogen, carbon dioxide, etc.).

The machine is compatible with the closing system **T.O., P.O., Pano, Vic**, etc.  
The machine is composed of the following main groups:

- Frame and structure in stainless steel AISI 304 with protection in transparent material with interlocked inspection doors.
- Closing head with vacuum bell (vacuum generated by a pump), screwing mandrel with pressure on jar and closing torque adjustments; the closing head is supported by a column in stainless steel with screw for height adjustment.
- 12 Stations carrousel with interchangeable jars centrings, directing and extraction guides; the rotation is intermitting and auctioned with Brushless motor; Flextop conveyor for automatic jars handling with upload and download of the carrousel.
- Magnetic drum for caps feeding completed with slide and sensor for flux control, positioning and pre-screwing of the caps close to the capping head.
- Electrical switchboard in stainless steel cabinet with PLC and operator panel dedicated to control all cycle parameters.

The machine is normally equipped with one size.

The machine complies with the Directive 2006/42/CE on Machinery.

### **Technical data:**

Production capacity:	400 ÷ 800 jars/h
Bins dimensions:	Ø 40 ÷ 130 mm, h 40 ÷ 180 mm
Caps dimensions:	Ø 43 ÷ 110 mm
Power supply:	3 kW (400 V 50 Hz)
Air consumption:	750 NI/min at 6 bar (instantaneous)
Overall dimensions:	3000 (l) x 1200 (p) x 1900 (h) mm
Weight:	500 kg