

Filling Monoblock



Dear sirs,

GF S.p.A. is pleased to present plastic bottles processing monoblock, the Air Blowing, Filling, and Cap Welding Monoblock. This machine is designed for the blowing, filling, and sealing plastic bottles of various sizes with a high degree of accuracy and reliability..

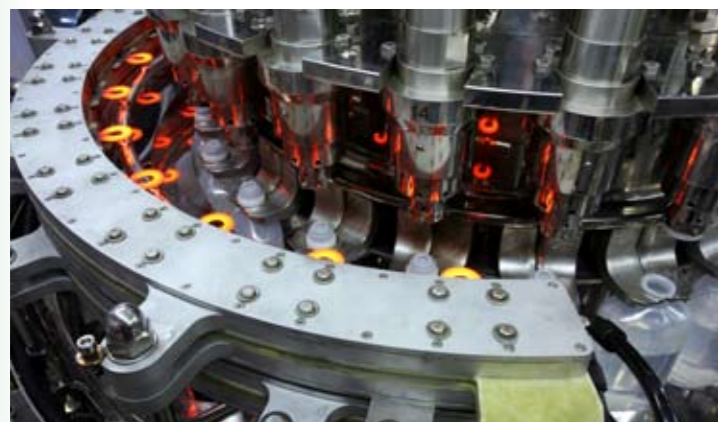


Air blowing station

This station has special grippers which turn the bottles upside down during the carousel rotation to allow the air blowing nozzles to penetrate inside the containers. The nozzles have ionizing tips which electrically charge the compressed air in order to remove foreign particles of various nature which are attached inside the bottle because of static electricity. The air is simultaneously extracted to optimize the cleaning effect.

Filling station

With the double nozzle it is possible to flush inert gas before, during, and after the filling phase in order to prevent oxygen from coming into contact with the product (optional). The special fill nozzles, produced by molding, are positioned in the external part of the carousel, in order to allow the laminar flow of air to protect directly the opening of the container.



Cap sealing station

The machine is equipped with a cap welding carousel to seal the bottles with Euro caps. The welding system with hot plates is mounted on a mobile arm and has been designed to obtain extreme precision and uniformity in the closure of the container.



EuroCap

Inspection Monoblock



Dear sirs,

GF S.p.A. is pleased to present one of our newest inspection machines, the “monoblock”. This monoblock is able to externally rinse and then dry the containers, excute a leak detection inspection, and finally with the last module is able to make a complete optical inspection of all the containers.

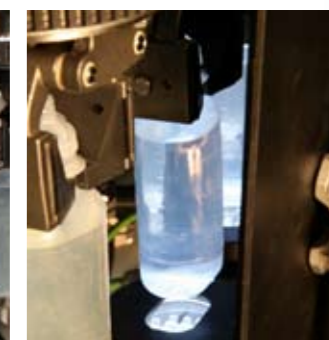
Leak detection module

The machine detects leaks (due to micro holes and cracks) and automatically rejects faulty containers.



Optical inspection module

The machine is based on an advanced optical inspection system with high resolution CCD cameras and illuminators.



Please do not hesitate to contact us for any further information.

Best regards



Pharmaceutical Machinery Division

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