



Requirements and Solutions

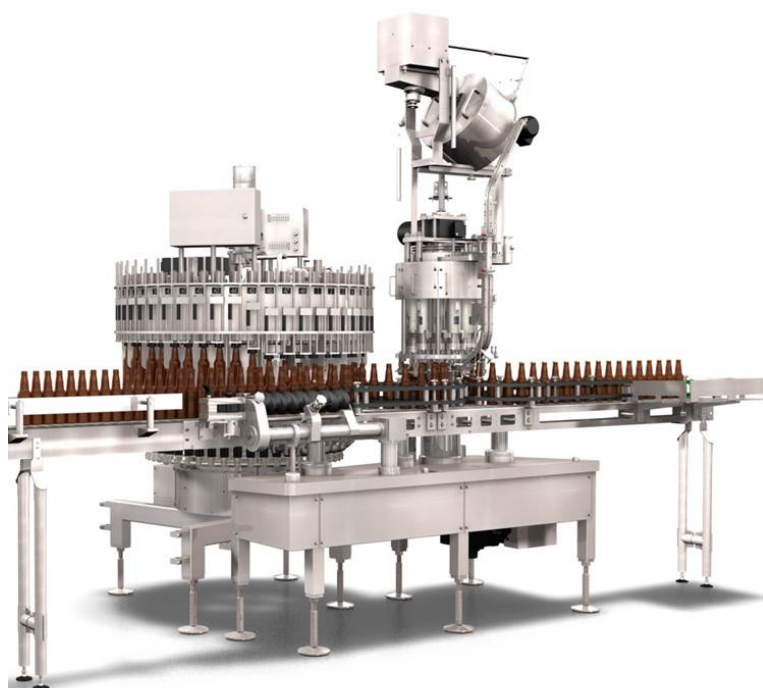
The Innofill Glass MF is a mechanically controlled, glass bottle filler that uses the filling tubes to determine fill levels. It is designed to fill products such as spirits and wine in glass bottles. The Innofill Glass MF achieves filling capacities of up to 35,000 bottles/hr while adhering to exact fill volumes. All processing sequences of the Innofill Glass MF are mechanically controlled for easy handling and operating. This filler can be monoblocked with a bottle rinser.

Key Features

- The filler and capper and the transfer stars are mechanically synchronized and are driven by a servo motor
- The glass bottles are fed to the filler standing on their bases
- Lifting elements lift the bottles, which are then sealed against the filling valves by rubber contact seals. The centering bells are incorporated in the CIP process
- Mechanically controlled filling system; filling tubes determine the fill levels
- Negative pressure filling process for drip-free filling (normal pressure process can be selected)
- Facilities for processing aluminum and plastic screw caps

Standard Equipment

- Simple machine design compliant with hygiene regulations
- Motor-driven height adjustment enables processing of various bottle heights
- Filling valve with automatic, infinitely variable fill level adjustment
- Filling valves integrated into the rectangular filler bowl
- Manually inserted CIP caps ensure loss-free sanitizing
- The sloped front table accommodates the transfer stars and the capper
- Freestanding, wrap-around cladding with electrically secured, folding doors provides excellent access to the machine



2_INNOFILL GLASS MF

MECHANICALLY CONTROLLED, SHORT-TUBE, GLASS BOTTLE FILLING SYSTEM

FILLING



Advantages

- The Innofill Glass MF is characterized by its ease of operation and high machine availability
- Conversion to other fill heights by automatic adjustment
- Filling process with negative pressure for optimum filling quality and drip free
- Closed CIP circuit for effective sanitizing
- Robust, easy-to-maintain machine design



Service

- Worldwide service
- Customized machine design
- Complete line design
- Turnkey systems
- Fast supply of spare parts

Options

- The machine can be optionally equipped with various machine exterior cleaning facilities
- Additional capper can be integrated into the front table
- Quickly changeable format parts

Technical Data

Bottle volumes

0.1 l – 2.5 l

Filling temperatures

4 – 20°C

Bottle heights

130 – 360 mm

Bottle diameters

40 – 120 mm

Fill level accuracy

s = 1.0 mm – 2.0 mm

Filler pitch circle / Filler capacity (bph)*

1,800 / 9,000 to 25,000

2,520 / 12,000 to 35,000

Capper pitch circle / Capper capacity (bph)*

360 / to 28,000

540 / to 35,000

* The capacity depends on the pitch and the type of bottle and product to be filled.