

Single Head Bag-In-Box Filler

Semi Automatic Filler with Magflow Meter Model 210

Features

- Capable of filling most liquids.
- Standard fill range 2-25 litres.
- Batch control via smoothbore Sanitary Magnetic Flowmeter.
- Compatible with clean in place (C.I.P.) systems.
- Manufactured using #316 stainless steel components.
- Filling speed up to 8 x 10 litre bags per minute, dependant on product supply conditions.



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Operation

Operator loads a bag into the bag holder and initiates a fill cycle. The mechanism features a moving head which automatically performs the decapping and recapping operations.

A sanitary stainless steel fill head seats onto the bag spout when filling.

Batch control is achieved with a high speed counter being fed signals from a smoothbore Sanitary Magnetic Flowmeter, being preferred for products that have higher viscosity and those with particulates. This meter is selected for its suitability for hygienic applications. Sequence control is programmed into the PLC based controls. Adjustable timers, fill volume and other critical control steps within the programme are accessed using a touch screen which is Nema4/IP65 rated.

Change part tooling is available to handle any of the currently available spouts valves/caps/connectors of your choice.

Built from stainless steel components (#316) with electrical enclosure to IP 66. Will operate reliably in wet environments with aggressive cleaners.

Specifications

Filling speed Up to 8 x 10 litres bags per minute based on a product flow rate of 3.5 litres per second

Fill range 2-25 litres

Flowmeter accuracy +/- 0.5% at a flow rate of 3.5 litres per second

Electricity 110-240volts, 10amps, 50/60hertz

Air Minimum 600KPa, 8m³/hr - clean and dry

Floor space 800W x 1500D x 1400H mm (including operator space)

Machine weight 60kg

Shipping weight 220kg

Case size 1000W x 800D x 1600H mm

Typical Product Applications

Dairy products, fruit based products, purees, chemicals, products with particulates.

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