

# Van Meurs

# B-100

## Bag in box filling machine



### Some applications

- Wine
- Fresh milk
- Nutrition oils
- Liquid frying fat
- Coffee extracts
- Mineral water
- Mayonnaise
- Liquid Soap

### Characteristics

- Semi or fully automatic
- Non aseptic



[www.vanmeurs.nl](http://www.vanmeurs.nl)

 **Van Meurs**

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## Van Meurs member of the MPE GROUP

The Multi Processing Equipment Group is the holding company of 5 international operating companies with the focus on development, production and selling of high quality installations and components of processing systems and equipment for both liquids and solids.

- Bolz-Summix                      Solids mixing & drying systems
- Jongia                                Stirring & mixing equipment
- Techno-G                            Solids handling & processing
- Terlet                                Process systems & equipment



## Operation

After a bag is brought in a closing-handle is operated and the filling process starts.

The cap is automatically taken away and the bag is filled. Before the cap is replaced the filling head is cleaned briefly to remove the last drips.

After the bag is removed a new bag can be positioned.



## Universal

The van Meurs B-100 is designed for filling bag-in-box and buckets and can be used for the filling of liquid products in all types of bags with every type of cap.

Thanks to the universal frame it is possible to fill the bag with or without the box.

The roller conveyor is adjustable in height and can also be placed at an angle. Thanks to the various adjustment possibilities of the filler it is possible to fill in different ways.

## PLC and Flow measurement

The PLC of the Van Meurs B-100 is equipped as standard with options for filling bags and baskets.

The desired volumes can be adjusted to standard and by the operator. Thanks to the accurate flow measurement the bags can be filled with high accuracy. By means of a display faults and errors can be traced quickly. On the display one can choose the filling volumes, keep up to date the filled amount and when the machine needs service.



## Specifications

- Dimensions 1660x920x700 mm (HxWxD)
- Cladding and frame from stainless steel 1.4301, AISI 304
  - Machine parts that contact the product are from stainless steel 1.4404, Aisi 316 L
  - Other parts from high quality technical materials
- Inductive high-speed flowstream
- Filling possible on volume and based on time
- Suitable for filling bag-in-box and filling only the bag.
- Suitable for filling buckets and cans
- Standard universal roller conveyor length 700 mm width 350 mm



- Siemens S7 PLC with display
- By means of the display information can be obtained about:
  - Daily production
  - Total production
  - Faults and error messages
  - Filling volume
  - Maintenance and inspection report
- Suitable for all common 1 inch closures with or without pre-closing position
- Suitable for filling from 1 up to 25 litre.
- Suitable for filling volumes above 25 litres to customer specifications
- Roller conveyor is adjustable in height between 600 and 975 mm
  - Roller conveyor can be positioned so that filling is possible along and through the machine
  - Roller conveyor can be inclined at a small angle for laying the bag during the filling to avoid air in the bag
- Reliable, low maintenance and simple operation
- CIP cleanable, coupling delivered as standard
- Filling capacity 5500 litres per hour, depending on product pressure and volume
- Air pressure 6 bar overpressure, oil free
- Electricity 230 Volt, 50 Hz, other voltages on demand



## Fully automatic

- The B-100 can be delivered as a full automatic filling machine. Bags are brought in together automatically. After filling the bags are separated from each other and the bags are placed in the box.
- Bag placers, bag sealers and roller conveyor are also part of the Van Meurs programme.



## After sales & service

We will be pleased to advise you which type of B-100 best suits with your product. Van Meurs has the B-100 parts stocked and with the 24 hour after sales service we are able to guarantee worldwide a quick delivery of the wanted parts.



## Options

- Steam injection in the bag after filling
- Filling based on weight
- Nitrogen injection in the bag after filling
- Sterile air in the bag after filling inclusive sterile air filter
- Vacuumizing the bag before filling
- Guidance funnel to slide the bag in the box
- Manual CIP set for cleaning the B-100:
  - Vessel 25 litres with drain
  - Steam heating with steam injection or electrical heating 3 kW
  - Pump with hose connection and a hose return
  - Simple temperature control
  - Inclusive connections to the B-100

## International standards

Our products are in accordance with CE guidelines and the specific applications desired. Design guide lines include, certificates and codes like: ASME, TÜV, Stoomwezen, U-Stamp, FDA (Food and Drug Administration), EHEDG (European Hygienic Equipment Design Group) and cGMP (current Good Manufacturing Practice)

## Van Meurs

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