

# Van Meurs aseptic bag-in-box fillers



## Van Meurs is a division of the MPE GROUP

The MPE Group is the holding company of internationally operating companies active in the development, production and sales of process systems and components for liquid substances.

- Jongia stirring & mixing equipment
- Terlet process systems & equipment

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## Van Meurs has expanded its product range with a new type:

### B200 semi automatic bag-in-box filling machine.



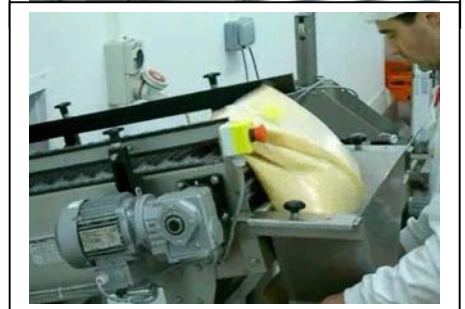
The B200 is an aseptic semi automatic bag-in-box filling machine for the filling of, for example, dairy products, fruit juices and concentrates, liquid eggs and sauces.

- Separated handling of the bag and box for additional hygiene.
- The B200 is suitable for the use of 2 to 25 litre bags foreseen with virtually all standard closure systems.
- Cleaning of the filling valve by steam and sterile air (Cleaned In Place).
- Steam sterilisation and, subsequently, drying of the filling valve with sterile air, after each filled bag. The filling valve is fully clean and dry when it comes into contact with the spout of the next bag.
- Vacuum purging of the bag before each filling and after each filling to prevent product from dripping.
- Steam or nitrogen injection in the bag once it has been filled.
- High filling accuracy.
- Standard model in stainless steel AISI 304 and 316L.

### B200 technical specifications

The B200 is provided with the following as standard:

- Inductive high-speed Endress & Hauser liquid flowmeter.
- Siemens S7 control with display.
- Vacuum installation with liquid ring vacuum pump.
- A moveable roller conveyor underneath the filling chamber. The bag will be filled on a slight slope for airless filling.
- Gravity roller conveyor for transporting the filled bag to the backside of the machine.
- The gravity roller conveyor will automatically adjust in height.
- Steam accumulator including control.
- Analogue modem for communication.
- One quickly exchangeable bag closure gripper per filling valve.
- A cylinder with control for processing bag closures with and without a pre-closure position.
- Sterile air filter installation.
- The B200 has a filling repetition accuracy of  $\pm 0.5\%$ .
- Optionally available with a box erector, box sealer and conveyor belts.



**Sterile means sterile and germ free means germ free thanks to the unique dry sterilisation filling process of the Van Meurs aseptic fillers.**