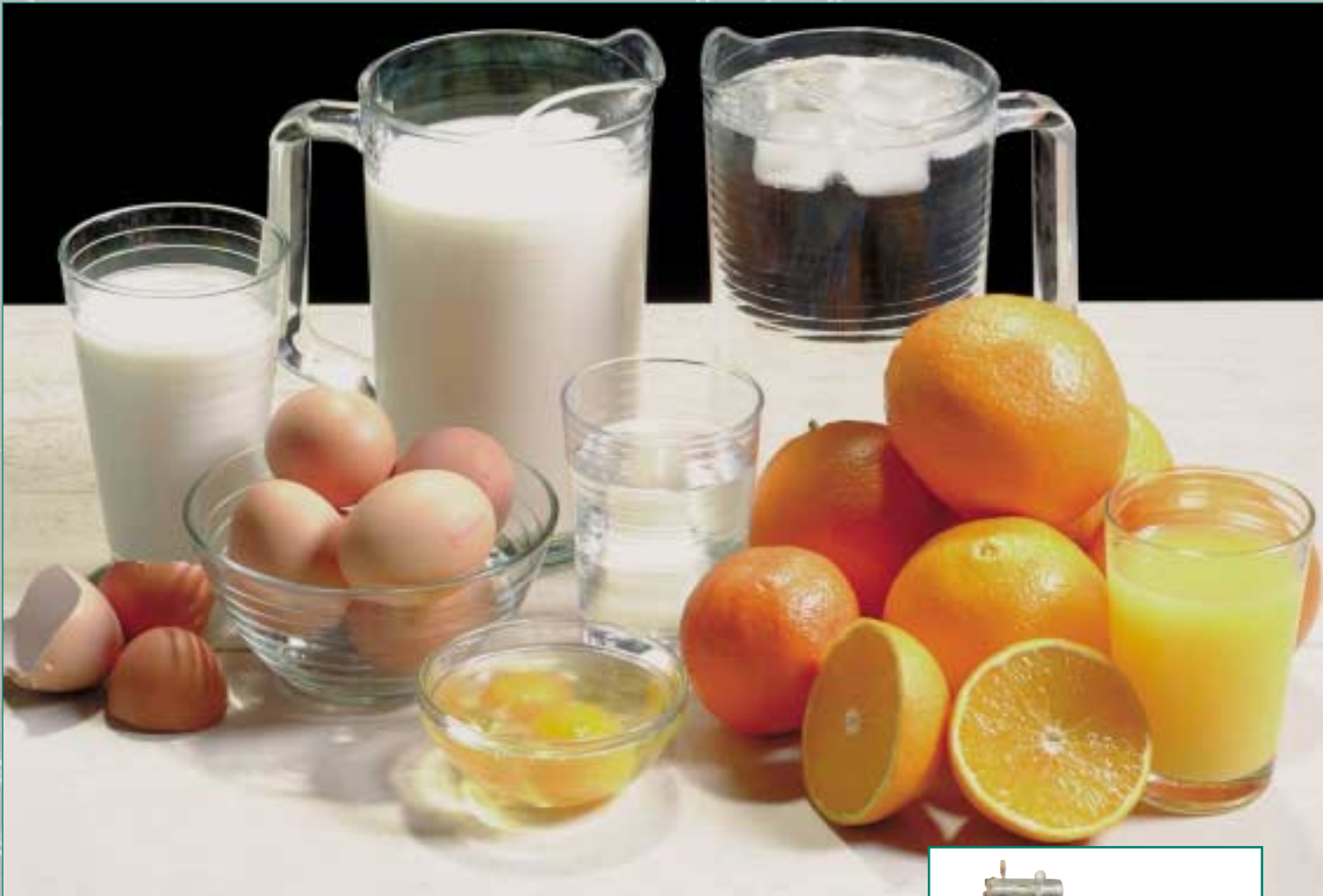


Van Meurs

Aseptic Bag-in-Box filling systems



Markets

- Liquid Egg processing
- Convenience Foods
- Mineral Water
- Dairy
- Sauces
- Baking mixes
- Fruit juices & concentrates

Packaging

- Flexible such as:
 - All current types of bags
 - Round & rectangular containers
- Non-flexible such as:
 - Buckets
 - Cans
 - Stainless steel containers



www.vanmeurs.nl

 **Van Meurs**
MEMBER OF THE MPE GROUP



Van Meurs member of the MPE GROUP

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

Meet your company's demands

- Filling in or outside the box
- Single or twin head
- Height adjustment for smaller or larger packaging
- Flexible or non-flexible packaging
- Bags filled flat
- Separate bag and box handling for extra hygiene



B-200 C with widened frame



B-200 C

MPE GROUP members:

- | | |
|---------------|--------------------------------|
| ■ Bolz-Summix | Solids mixing & drying systems |
| ■ Jongia | Stirring & mixing equipment |
| ■ Van Meurs | Bag-in-box filling systems |
| ■ Techno-G | Solids handling & processing |
| ■ Terlet | Process systems & equipment |

Van Meurs expert in Aseptic Bag-in-box filling systems

For many years Van Meurs has been one of the leading Bag-in-Box filling systems producers. Van Meurs has an outstanding reputation and an impressive reference list. As a member of the MPE GROUP Van Meurs can guarantee you a world wide service network and superior engineering. Van Meurs systems have a high output. As a result of this increased output the handling cost per litre of product is very low compared to many competitors.

Van Meurs closure system

The Bag-in-Box closure system meets the following requirements:

- Maximum diameter 30 millimetres (1,18 inch)
- Maximum height up to 48 millimetres (1,9 inch)
- Closure may be put into the bag spout to a maximum of 17 millimeters (0,66 inch)
- Special closure can be used
- Several types of bag closure can be used



Van Meurs easy changeover

Switching from filling small bags to filling big bags is done easily by taking away the roller conveyor on which the smaller bags are filled. Thanks to the widened frame the big bags can be driven underneath the fill valve and be placed at the exact height by means of a manually operated pallet truck.



B-200 E

Options van Meurs:

- Steam generator instead of steam accumulator
- Aseptic tanks with sterile pressure /level control
- Aseptic product pump installation with controls
- Filling valve for viscous products
- Mass metering tube



B-200 C with aseptic tank

Van Meurs systems are provided with:

- An inductive high speed metering tube
- Control by plc
- Couplings for the vacuum installation, the CIP system and steam sterilization
- Each filling valve has an interchangeable grab for the bag closure
- Bag closures without pre-closing position
- Sterile air filter installation
- The fill valve is sterilized with steam and dried with sterile air after each bag.
- Steam accumulator with controls
- Widened frame
- Communication module with modem
- Injection of steam or inert gas
- Vacuum installation with pump, valves, piping and controls

Van Meurs machine operators

Two machine operators are necessary for a single as well as for a twin head filling machine. The operators erect the cartons, operate the filling machine, close the cartons and palletize them. The extent of automation of the carton handling determines the productivity.

The operator takes an empty, closed bag from the roller conveyor and places it by hand into the roller of the filling compartment. Thereafter the filling cycle takes place entirely automatically.



Advantages Van Meurs:

- All bag brands
- All closure types
- For packages such as containers, bags, buckets and cans
- Capacity up to 1.200 litres/317 gallons
- No risk of recontamination
- Filling capacity in excess of 5.400 litres (1427 gallons) an hour
- Low maintenance
- Smooth operation
- Reliable
- Long life-span
- Flexible: short adjustment times
- No chemicals used

Product feeds:

Intermittent with a minimum capacity of 5.400 litres (1427 gallons) per hour

Pressure air:

About 11 Nm³ per hour, 6 bar (87 psi) excess pressure, oil free, dew point 4°C (39°F)

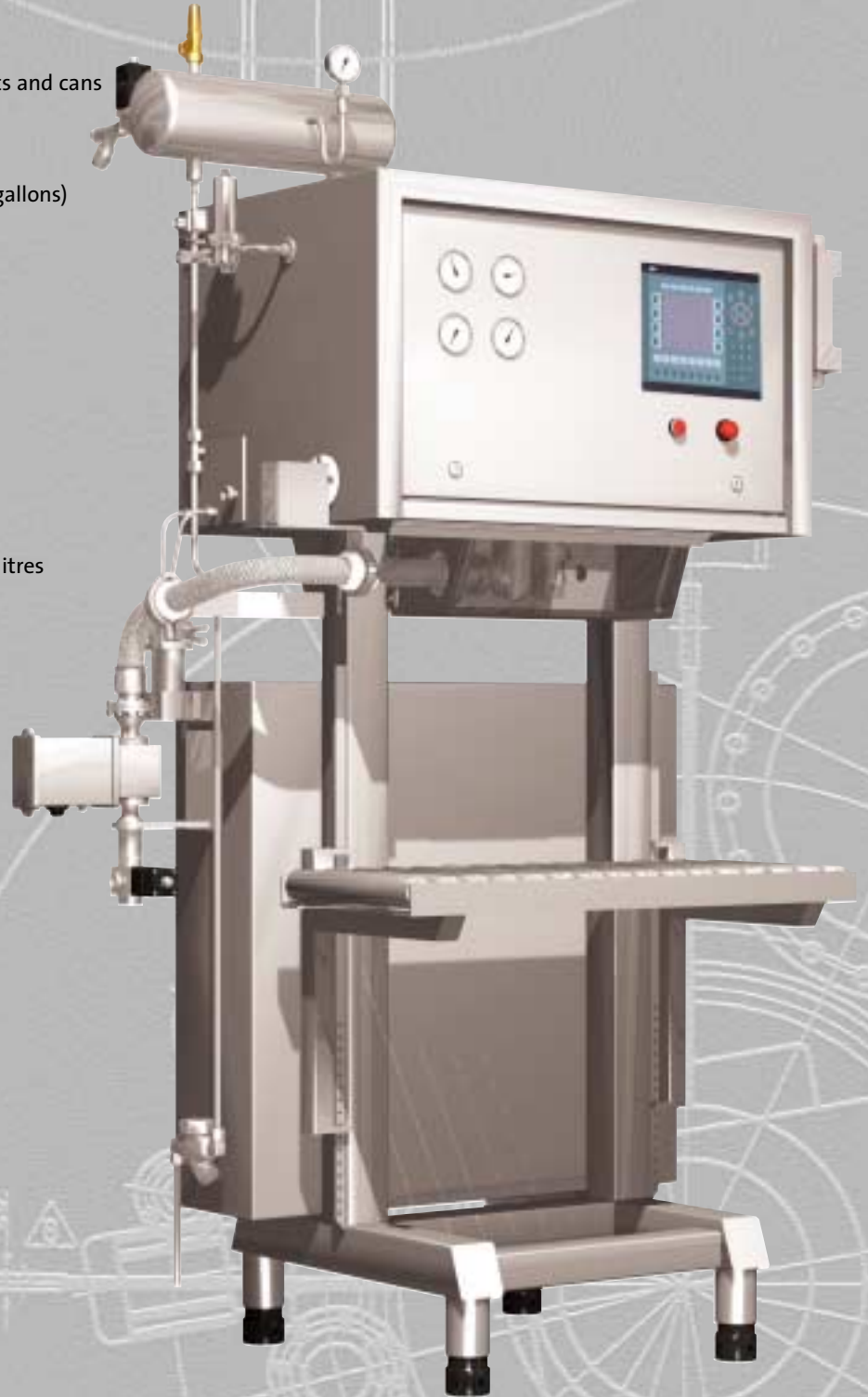
Steam:

Minimum 3 bar (43,5 psi) excess pressure

Materials:

Cladding and machine frame are made of stainless steel 1,4301 AISI 304

Machine parts that come into contact with the product are made of stainless steel 1.4404 AISI 316L



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