



Fluidor Equipment B.V. | Fluid, Drum & Containerhandling

BOTTLE AND CARTON SQUEEZER BMPS-PASTE



DESCRIPTION

This machine is designed to process cartons with or without plastic screw caps *and* plastic bottles (HDPE and PET, depending on thickness and shape) containing liquid products up to 20.000 cP. Purpose of this machine is to recover product by separating the liquid product from its disposable or recyclable packages/bottles.

Loading of full cartons or bottles (0,2 up to 1,5 L.) manually or by means of automated dosing systems.

Cartons or bottles will be squeezed inside machine, empty cartons or bottles will leave the machine at the exit side and fall into a container.

The product will be collected and fed into a lobes pump for next process steps.

RECOVERY RATES:

Product recovery between 97% and 98% will be achieved, depending on carton or bottle and product.

SPECIFICATION

- Clean design according actual HACCP-regulations.
- According actual CE-regulations.
- Built-in lobes product pump incl. level control.
- Built-in filters for product and CIP.
- Machine prepared for integration into existing C.I.P.-system or stand-alone C.I.P.
- Machine control by touch panel.
- Siemens controls. Alternatives upon request.

EXECUTION

- Product related parts AISI 316. Remaining parts AISI 304, except some standard trade components.

CAPACITY

- Depending on infeed & product: up to 4.000 cartons or bottles per hour.
- Pump capacity up to 5 m³ at 10 bar product per hour.

SERVICES

- Electric power supply: 5 wire supply, 3 Phase 400V / 50Hz + neutral + earth. Alternatives upon request.
- Air consumption 5 NI / run at 6 bar.
- C.I.P. temperature max. 90° C., C.I.P.-consumption 6 m³/hour at 3 bar.

CONNECTIONS

- Product : 2" according DIN 11851, alternative connections upon request.
- Air : 1/4" BSP.
- CIP : 2" according DIN 11851, alternative connections upon request.

TECHNICAL DATA

- Length overall : 1.750 mm.
- Width overall : 1.700 mm.
- Height overall : 2.300 mm.
- Total weight : 1.050 kg.
- Installed power : 7 kW.

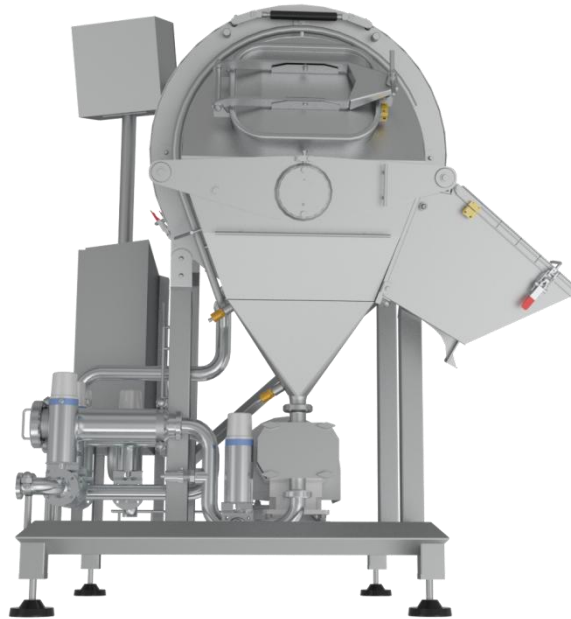
MACHINE OPTIONS

- Various product filter sizes obtainable from 5 – 1500 microns.

PROCESS OPTIONS

- Operator balcony and platform for pallet.
- As stand-alone machine.
- Integration into plant process.
- Automatic dosing of full cartons or bottles.

BMPS-Paste:





BMPS-PASTE

GENERAL INFORMATION

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