



FLOW-PILOT buffer tank

Description

FLOW-PILOT nitrogen pressure buffer tank

Flow, pressure and process control equipment for your liquid production circuits.

The FLOW-PILOT pressure vessel has been developed and fine-tuned to guarantee:

- Optimised regulation of low and constant liquid inflows / high and fractionated liquid outflows to the filling machine for each bag
- Maximum counting precision
- High filling speeds without agitation or oxidation of the packaged liquids
- Minimal nitrogen consumption
- Automated management of cleaning, priming and filling processes

Specific features

- **FLOW-PILOT** is easily integrated into the customer's processes and inter-machine communication.
- **Precision:** Real-time radar level sensor. Perfectly controlled levels and flows.
- **Safety:** safety valve set at 2 bar.
- **Equipment complies with Pressure Equipment Directive 2014/68/EU.** Conformity verified and validated by an independent body.

More info

Print

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Capacity

- **FP100:** 100-litre tank for 1 filling head
- **FP300:** 300 litre tank for 2 filling heads

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Technical characteristics

- **Nitrogen supply:** 2,5 bar
- **Electricity supply:** 400 VAC 50 Hz (3P+N+E)
- **Connection:** to be defined
- **Liquid supply:** 2 bar max.
- **FP100:**
- **Dimensions:** Depth: 800 mm / Width: 800 mm / Height: 2100 mm
- **Weight:** approx. 200 kg
- **FP300:**
- **Dimensions:** Depth: 1300 mm / Width: 900 mm / Height: 2350 mm
- **Weight:** approx. 230 kg

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Standard configuration – standard equipment

- 304 stainless steel frame
- Electric control box with **intuitive 3.5" colour touchscreen display** with micro-SD card
- Cylindrical 316 stainless steel tank with convex base
- Safety valve calibrated and supplied with calibration certificate
- Internal pressure control gauge
- Liquid presence sensor (0-100%)
- Automatic valve at liquid outlet
- **Rotating wash ball** in the tank with automatic pilot feed valve
- Options: please consult us

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