

B.R.A. S.A.S.

Construction and assistance of machinery for the chemical and food sector



CONTACTS

@ info@bra-bat.it

+39 0434 97092

www.bra-bat.it

Zoppola – PN - ITALY



SIRIO 20: semi-automatic Filler for BAG IN BOX



The SIRIO 20 semiautomatic bag in box filler, with 1" nozzles (different sizes on request) is suitable for a wide range of liquid and viscous pumpable products, food and non-food.

Once the liters to be dispensed have been set on the PLC, as soon as the operator removes his hands from the safety barriers, the machine automatically starts filling.

The flow meter and a pneumatic valve control product delivery.

The automatic blowing with **nitrogen** at the end of each filling cycle guarantees asepticity to the product.

The support surface of the bag is adjustable in height and inclination. On request it is possible to equip the machine with a support surface for the box, which facilitates the packaging and / or feeding pump phase.

A version with two filling heads is available on request.

Features

- stainless steel frame on fixed feet or on wheels
- electrical cabinet
- support surface of the bag is adjustable in height and inclination
- pneumatic bag holder gripper with bag release at the end of the cycle
- predisposition for washing in recirculation
- protection barrier
- automatic start after bag insertion
- 316 stainless steel magnetic liter-counter and connection tube, both vaporizable
- program with 3-position selector: 1: step by step
2: automatic
3: washing
- UNITRONICS T40 PLC with transistor outputs
- pneumatic elements protected by a polycarbonate panel
- 1 cap pick-up head (standard)
- On request, feeding pump at 900 rpm, flow rate 60l/m, complete with fittings.

Technical data

Bags capacity	3 / 5 / 10 / 20 lt
Workable caps	Vitop – Flex Tap – Press Tap – CMB – QCD (or others at request)
Filling phase	Vacuum packed, filling with magnetic flow meter
Indicative hourly production	180 bags /h 5 lt
Product supply	0,5 ÷ 1,5 bar
Filling temperature	0÷60° C
Air supply	8 bar dry and microfiltered
Gas supply	0,4 – 0,6 bar
Power supply voltage	(Voltage and frequency adaptable to the electrical standards in use in the Country of final destination)
Product connection	On request
Overall dimensions	1000 x 700 x h1900 mm





Gallery



SIRIO 20 models: standard version, with a support surface for the box and on wheels



Detail: safety barrier