



SYMPATY TOP 320

Semi-manual filling machine

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Filling machine for separate BIB, POUCH and CHEERTAINER vacuum bags range of formats

Efficient and scalable, the SYMPATY TOP 320 filling machine is ideal for small and medium production runs of 1.5 to 20-litre BIB, 1.5 to 5-litre Pouch and 3 to 20-litre Cheertainer bags.

Designed to adapt easily to the requirements of your markets, fully equipped as standard and with a wide choice of options geared to your sector of activity, the SYMPATY TOP 320 can fill up to 320 3L BIB bags per hour*, at high temperature, in a chain or at ambient temperature.

Its acknowledged ease of use, robustness and productivity make SYMPATY the market reference!

*depending on the characteristics of the product to be filled, the filling process, the options chosen and the machine operating working conditions.

Equipment complies with Machinery Directive 2006/42/CE. Conformity verified and validated by an independent body

OPERATION AND DEGREE OF AUTOMATION

Complete filling cycle with manual and automated stages::

- Manual operations:
insertion of empty bag then, using **the ergonomic lever arm**: removal of tap, insertion of filling head into neck
- Automated operations:
automatic start of filling cycle once the filling head is inserted into the neck, vacuum created in bag, filling and counting to programmed volume, nitrogen injection (if programmed) at the end of cycle, automatic ejection of full bag after locking the tap
- Final manual operations:
using the ergonomic lever arm, repositioning of filling head, refitting and insertion of tap, after automatic ejection, manual removal of the full bag

IMPROVED QUALITY OF WORK AND PRODUCTIVITY

It has all the hallmarks of a great machine

- Automatic cycle start once an empty bag is inserted, with integrated immobiliser
- Automatic locking of arm during the entire filling cycle
- Automatic ejection of full bag at end of cycle

Optimised operating comfort and speeds!

A FILLING MACHINE FOR MULTIPLE FLEXIBLE PACKAGING SOLUTIONS

- Designed to meet today's specific needs, the SYMPATY easily integrates the equipment required for easy and reliable filling with the many necks, plugs and taps on the market.
- The SYMPATY is agile and able to handle different flowmeter and pump technologies, and product specifics to meet your technical and budgetary requirements.
- The SYMPATY is an ideal solution for filling 1.5 to 20 litre BIB, 1.5 to 5 litre Pouch and 3 to 20 litre Cheertainer vacuum bags.

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Range of filling machines

[Video](#)

SPEEDS

BIB & CHEERTAINER/hour

PUMP AL40/PUMP AL50

3 L

300 / 320

5 L

270 / 290

10 L

220 / 240

15 L

180 / 200

20 L

155 / 180

POUCH/hour

PUMP AL40/PUMP AL50

1.5 L

270 / 290

3 L

250 / 270

According to manufacturer's data

BIB & CHEERTAINER/hour

PUMP AL40/PUMP AL50

3 L

300 / 320

5 L

270 / 290

BIB & CHEERTAINER/hour

10 L	220 / 240
15 L	180 / 200
20 L	155 / 180

POUCH/hour

	PUMP AL40/PUMP AL50
1.5 L	270 / 290
3 L	250 / 270

According to manufacturer's data

TECHNICAL CHARACTERISTICS

- **Electricity supply:** 400 VAC 50 Hz 3P+E
 - **Compressed air pressure required:** 6 bar
 - **Nitrogen pressure required:** 0,5 bar
 - **Liquid infeed connection:** to be defined (40 MACON as standard)
 - **Dimensions:** Depth: 920 mm / Height: 1500 / Width: 680 mm
 - **Weight:** 85 kg (without options)
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STANDARD CONFIGURATION – STANDARD EQUIPMENT

- Painted steel **frame** mounted on 4 castors **with box shelf**
 - **Work surface:** fixed-tilt **stainless steel roller table** with drip tray
 - **316L stainless steel liquid circuit for continuous use up to 90°C**
 - **AL40** side-channel **pump:** flow rate +/- 55 HL/h at filling head, 316 stainless steel body and turbine, with 2 total drain valves and direction reverser
 - **40 MACON** connector
 - **316L stainless steel filling head** with integral closure and screw-on nozzle, integrated vacuum and nitrogen-injection circuits
 - **Programmable and automated CIP circuit**
 - **Paddle-wheel flowmeter with 316L stainless steel body**
 - **Intuitive 3.5" colour touchscreen display** with micro-SD card. A customisable recipe for each fill volume, **up to 8 recipes**
 - **T1 mechanical clamp** for Vitop or equivalent taps, high neck
 - **Immobiliser and filling safety**
 - Options: please consult us
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<https://www.technibag.com/wp-content/uploads/2022/12/Video-sans-titre-?-Realisee-avec-Clipchamp-1.mp4>

performance in action

Don't just take our word for it,
see what our customers have to say!