

# PF series

The ultimate semi-automatic volumetric filling machine

The PF series consists of Semi automatic filling machines, which are designed to provide the perfect filling solution for liquids and pastes, such as salads, jams, dairy products, detergents, etc.

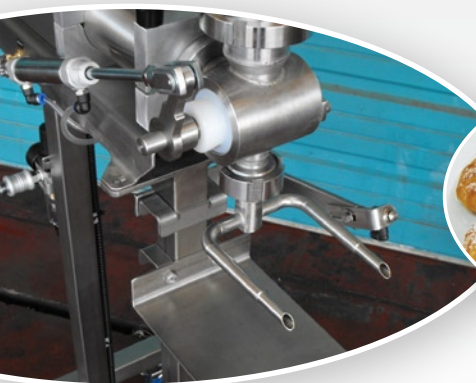
### Operation principle:

The machine's piston draws a pre-adjusted dosage of the product from an upper container and compresses it through a nozzle into the package container.

A three way pneumatic valve controls the flow direction from the upper container to the piston and from the piston to the nozzle.

### The PF series is suitable for a wide range of industries:

- Cosmetics and pharmaceuticals.
- Food including dairy and bakery products.
- Detergents, chemicals and paints.



Horns shape nozzle for filling éclairs with cream

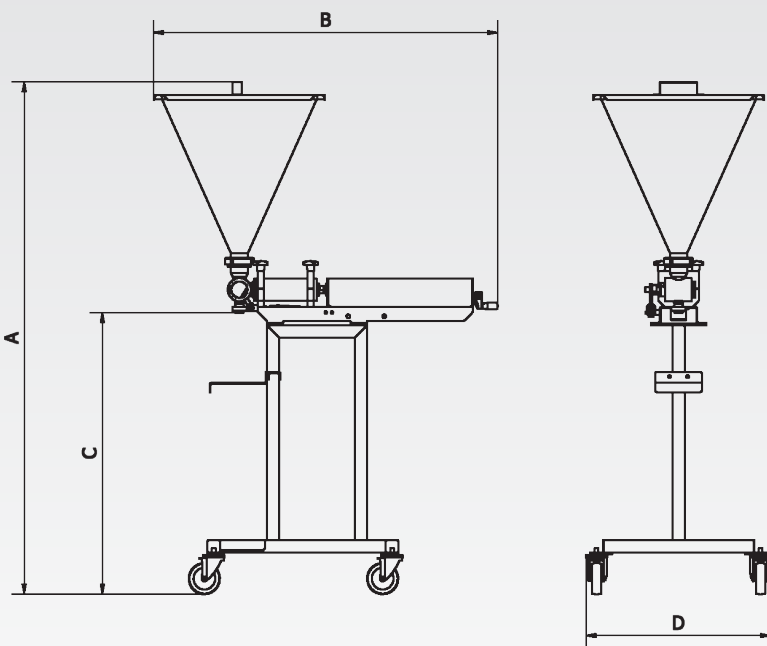


PFL- Piston filler for liquids filling

# PF series

## Main Advantages:

1. Extremely accurate and reliable.
2. Option to connect to an automatic machine.
3. Simple and easy to operate.
4. Adjustment to the desired dosage is easily done with a rotating handle.
5. Suction and injection speed are easily controlled and adjusted.
6. Suitable for filling cold materials above freezing point up to 30°C/86°F as standard - or up to 95°C/203°F on demand.
7. Suitable for filling thick or foamy products (such as Dead Sea mud, mousse, cream).
8. Can easily fill products that contain particles such as fruits and vegetables.
9. Fully pneumatic (in standard models).
10. Low maintenance costs.
11. All contact parts are easily dismantled for daily cleaning (tool free).
12. The machines are manufactured using stainless steel, plastic and anodized aluminum. All contact parts are made of food graded materials.
13. The machines provide an ergonomic approach and safety operation.



Model		PF - 9	PF - 50	PF - 150	PF - 300	PF - 500	PF - 1000	PF - 1500
Volume range (cc)		0-9	5-50	30-150	30-300	45-500	45-1,000	45-1,500
Max Accuracy* (cc)		0.05	0.25	0.75	1.5	5.2	2.5	3
Max. output** cycles/min.		70	65	35	30	26	22	18
Air pressure		5-6 atm.						
Dimensions***	A: mm	1420	1500	1600	1600	1600	1600	1600
	B: mm	870	870	950	1100	1100	1400	1700
	C: Mm	870						
	D: Mm	590						

\* In optimal conditions with an homogeneous product and a full upper container. \*\* Depends on dosing quantity.

\*\*\* Dimensions are subject to be changed without prior notice.

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