

Pneumatic piston filling machine

DT-250



Design example - subject to alterations

Compact table top machine used for filling of tubes and other open containers with creams, gels or other dense fluids.

The machine is operated by one person, whose task is to insert empty tubes/containers, initiate filling with a pneumatic pedal and remove filled tubes/containers.

TUBES / CONTAINERS SUITABLE FOR FILLING



Maximum tube /
container height

190–250 mm

Tube / container type

with an open top



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KEY FEATURES

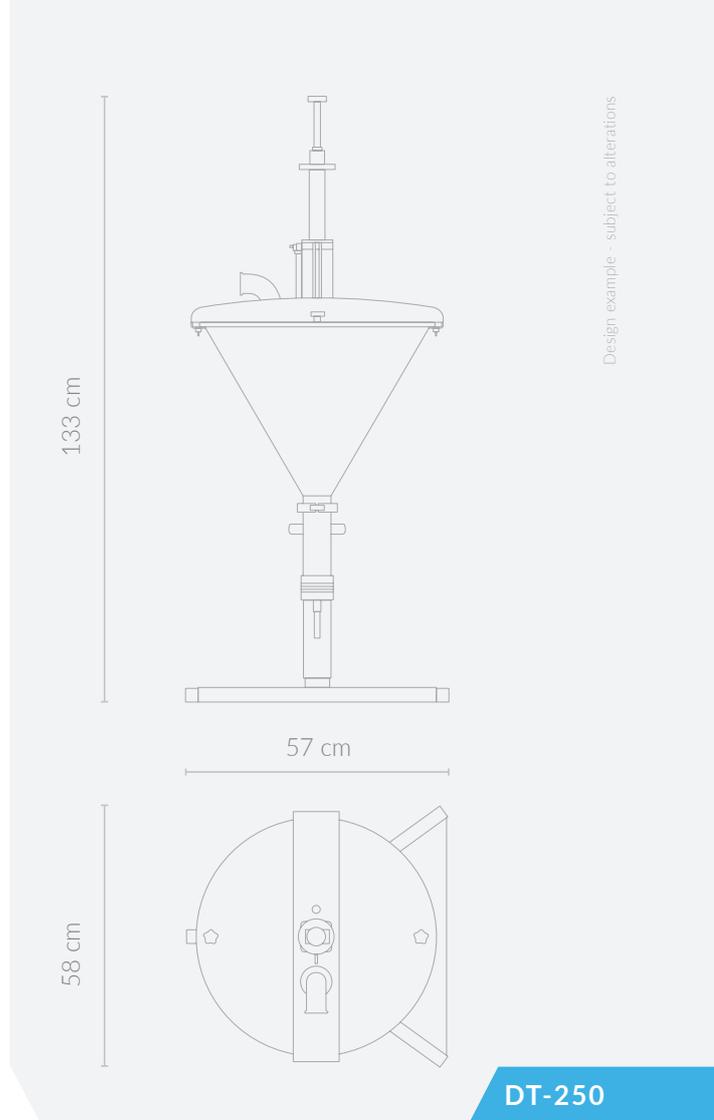
- ▲ Fully pneumatic machine
- ▲ 25 liter hopper with lid
- ▲ Blowing through filling nozzle to cut off product drops
- ▲ Compact and lightweight

MACHINE COMPONENTS

- ▲ Stainless steel AISI 304 construction
- ▲ Contact parts from AISI 316 stainless steel
- ▲ Camozzi pneumatic elements
- ▲ Pneumatic foot pedal

OPTIONAL EQUIPMENT

- ▲ Different filling device nozzles available for products of various viscosities
- ▲ Digital volume indicator
- ▲ Pneumatic mixer (Festo)
- ▲ Jacketed hopper — enables heating of product



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PROCESS PARAMETERS	Machine output (speed)	up to 15 tubes per minute
	Dosing volume (cylinder of filling device)	a. 1-50 ml; b. 30-260 ml
	Filling accuracy error	<±1% for dosing volume over 5 ml
LEVEL OF AUTOMATION	Inserting of empty tubes	manual
	Heating of product	automatic (option)
	Mixing of product	automatic (option)
	Filling of product	released by pedal
	Removing of filled tubes / containers	manual
DEVICE PARAMETERS	Machine dimensions	58 × 57 × 133 cm
	Net machine weight	25 kg
	Air pressure required	0.6 MPa
	Compressed air consumption	up to 100 l/min



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