

Tube filling and sealing / crimping machine

NTTA-300



Design example - subject to alterations

Kompakte, sehr effiziente kleine universell einsetzbare Tischmaschine zum Befüllen von Kunststoff aller Art, sowie Laminattuben mit Cremes, Gelen oder ähnlich dichten Flüssigkeiten. Heißluft- Versiegelung, inkl. Kodierung und Trimmen der Siegelnaht.

Optional auch einsetzbar, zum Befüllen und 2-fach Falzen von ALUMINIUM TUBEN inkl. Kodierung in der Falz.

Die Maschine arbeitet im halbautomatischen Modus – alle Vorgänge außer zum Einlegen der Tuben erfolgen automatisch.

PLASTIC AND LAMINATE TUBES



Tube diameter	ø 10 – 60 mm
Tube height	up to 250 mm
Tube type	plastic (PE, PP), laminate, polyfoil, extruded
Seal shape	linear 8 mm, curved, linear 25 mm (for Euro-slot)
Tube coding	single sided, dual sided or none

ALUMINUM TUBES



Tube diameter	ø 10 – 50 mm
Tube height	up to 250 mm
Tube crimping (closing)	double fold
Tube coding	single sided or none



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KEY FEATURES

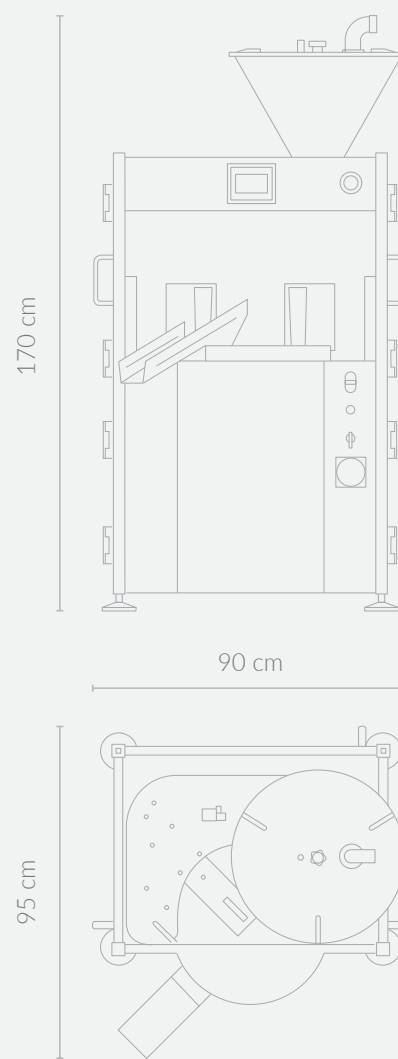
- ▲ Universal machine suitable for all plastic (polyethylene and propylene), laminate and aluminum tubes
- ▲ Hot air sealing technology for plastic and laminate tubes / mechanical crimping of aluminum tubes
- ▲ 8 station rotary indexing
- ▲ Electronic control of parameters and process with saving option (recipes)
- ▲ 25 liter hopper with lid
- ▲ No water chiller required
- ▲ Tool-less and ultra-fast changeovers

MACHINE COMPONENTS

- ▲ Stainless steel AISI 304 construction
- ▲ Contact parts from AISI 316 stainless steel
- ▲ Mitsubishi Electric PLC and touch screen
- ▲ Mitsubishi Electric rotary drive
- ▲ Festo, CKD, Camozzi and Metal Work pneumatic elements
- ▲ Integrated tube seal strength tester

OPTIONAL EQUIPMENT

- ▲ Automatic hopper fill level control
- ▲ External pump for dense fluids
- ▲ Filling device for micro-dosing
- ▲ Pneumatic mixer
- ▲ Jacketed hopper - enables heating of product



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PROCESS PARAMETERS	Machine output (speed)	up to 30 tubes per minute
	Dosing volume (cylinder of filling device)	a. 3 - 20 ml; b. 20 - 80 ml; c. 40 - 150 ml; d. 65 - 260 ml
	Micro-dosing volume	0,4 - 10 ml
	Filling accuracy error	<±1% of volume
LEVEL OF AUTOMATION	Inserting of empty tubes	manual
	Tube orientation	manual or automatic (option)
	Moving of tube holders	automatic
	Heating of product	automatic (option)
	Mixing of product	automatic (option)
	Filling of tubes	automatic
	Sealing / crimping of tubes	automatic
	Coding of tubes	automatic
	Triming of plastic tubes	automatic
	Control of hopper fluid level	automatic (option)
	Refilling of hopper	automatic with external pump (option)
	Tube ejection	automatic
DEVICE PARAMETERS	Machine dimensions	90 x 95 x 170 cm
	Net machine weight	285 kg
	Power supply	220 - 240 V, 2.8 kW
	Air pressure required	0.6 MPa
	Compressed air consumption	up to 400 l/min



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