

Aluminum tube filling and crimping machine

Model: NTA-400



Machine used for filling of aluminum tubes with gels, creams or other fluids, crimping (closing) them and stamping date or batch No. on them.

All operations except for feeding of tubes are done automatically.

KEY FEATURES

- The device is made of stainless steel AISI 304
- All elements having contact with product are made of stainless steel AISI 316
- PLC Mitsubishi Electric controller with touch screen
- Mitsubishi Electric servomechanism drive
- SMC, Festo, Camozzi and MetalWork pneumatic elements
- Sensor of level of liquid in reservoir allowing for automatic filling up
- Double fold closing
- Single sided coding with set of fonts included
- Counter of production output



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PROCESS PARAMETERS	Volume of reservoir Tube diameter Tube height Dosing volume (cylinder volume of filling device) Filling accuracy error Output	25 liters ø 10 mm – ø 50 mm can be adjusted in range 50 – 250 mm a. 3 – 20 cm ³ c. 40 – 150 cm ³ b. 20 – 80 cm ³ d. 65 – 260 cm ³ <±1% of volume up to 1500 pcs./h (depends on tube volume)
LEVEL OF AUTOMATION	Feeding of tubes Positioning of tubes Filling of tubes with fluid Closing of tubes Stamping date Controlling of fluid level in reservoir Throwing out of end-product	manual automatic automatic automatic automatic automatic automatic
DEVICE PARAMETERS	Dimensions Power supply Installed capacity Air	96 x 110 x 180 cm 230 V, 50 Hz 1.5 kW 0.63 MPa, up to 500 l/min



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