

# Tube filling and sealing machine

Model: NTT-400/NTT-400A



NTT-400A



NTT-400

Machine used for filling of PE or laminated tubes with gels, creams or other fluids, sealing them with hot air, stamping date or batch No. and cutting excess plastic on the tube ending, which arises during tube sealing.

The machine can work in fully automatic mode with a tube feeder (NTT-400A) or in semi-automatic mode with manual loading of tubes (NTT-400).

## KEY FEATURES

- The device is made of stainless steel AISI 304
- All elements having contact with product are made of stainless steel AISI 316
- Mitsubishi PLC controller with touch screen
- Mitsubishi Electric servomechanism drive
- SMC, Festo, Camozzi and MetalWork pneumatic elements
- Sensor of level of fluid in reservoir allowing for automatic filling up
- Air heater with automatic setting of temperature
- Single or dual sided coding with set of fonts included
- Counter of production output
- Tester of tube sealing strength



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Industrial solutions

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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 <sup>3</sup> c. 40 – 150 cm <sup>3</sup> b. 20 – 80 cm <sup>3</sup> d. 65 – 260 cm <sup>3</sup> <±1% of volume up to 2400 pcs./h (depends on tube volume and tube sealing time)
LEVEL OF AUTOMATION	Feeding of tubes Positioning of tubes Filling of tubes with fluid Sealing of tubes Cutting of tube endings Stamping date Controlling of fluid level in reservoir Throwing out of end-product	manual (NTT-400) or automatic (NTT-400A) automatic automatic automatic automatic automatic automatic automatic
DEVICE PARAMETERS	Dimensions Power supply Installed capacity Air	96 x 110 x 180 cm (NTT-400) or 171 x 110 x 180 cm (NTT-400A) 230 V, 50 Hz 3.6 kW 0.6 MPa, up to 500 l/min



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