



ZEFA
FILLING

FILLING AND DOSING MACHINES





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OUR COMPANY

ZEFA has been producing precision mechanical components for over 40 years with passion for very demanding sectors in terms of quality.

This has led us to constantly invest in the structure, staff and equipment, creating a true 4.0 reality capable of satisfying the new challenges that the market proposes every day.

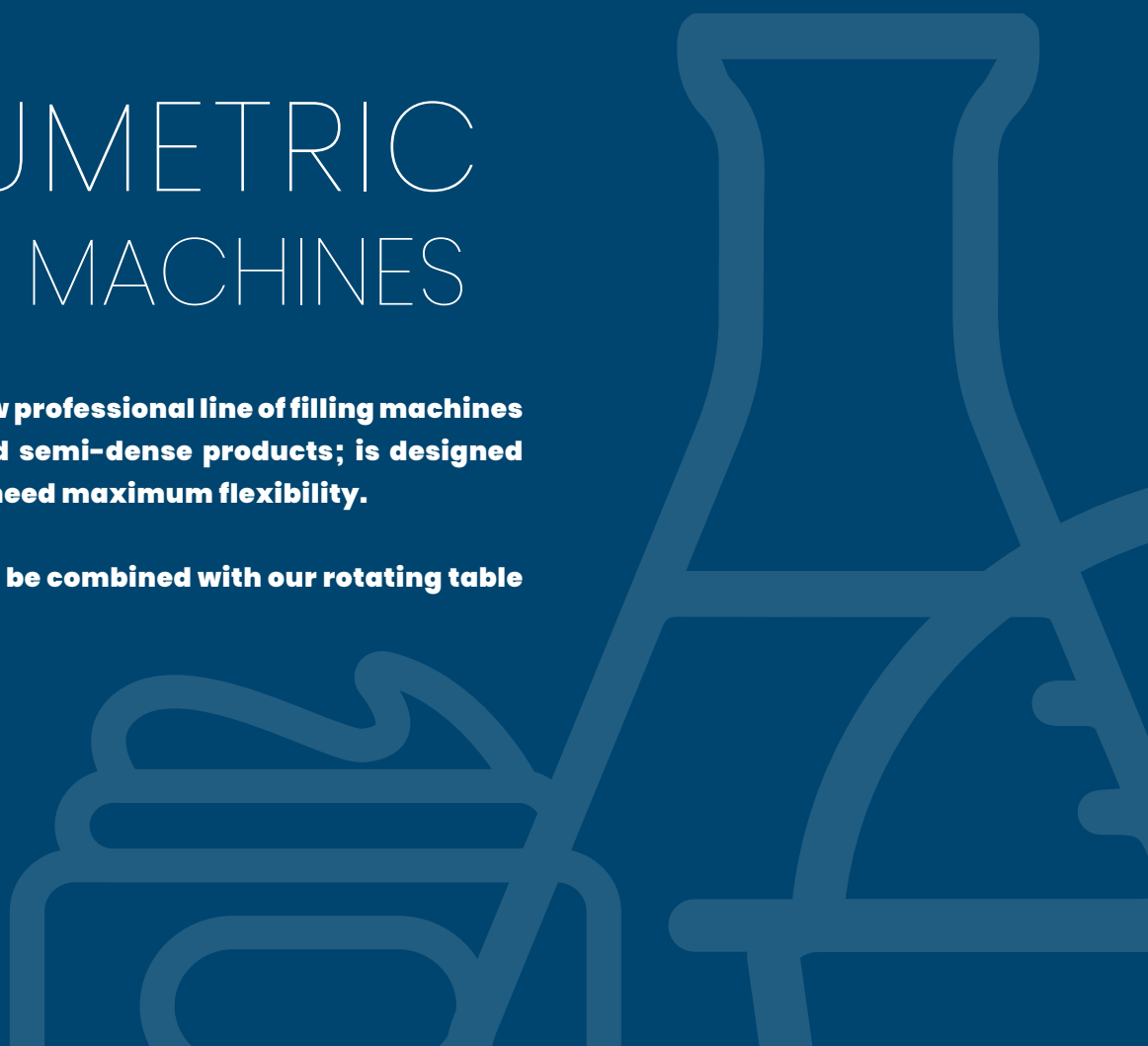
The use of CAD / CAM and 3D control tools, together with the latest generation CNC machines, allow us to ensure high quality standards with a main focus: customer satisfaction. The internal production allows us to build all the components installed on our machines with the awareness of quality in order to supply all the spare parts in a short time.

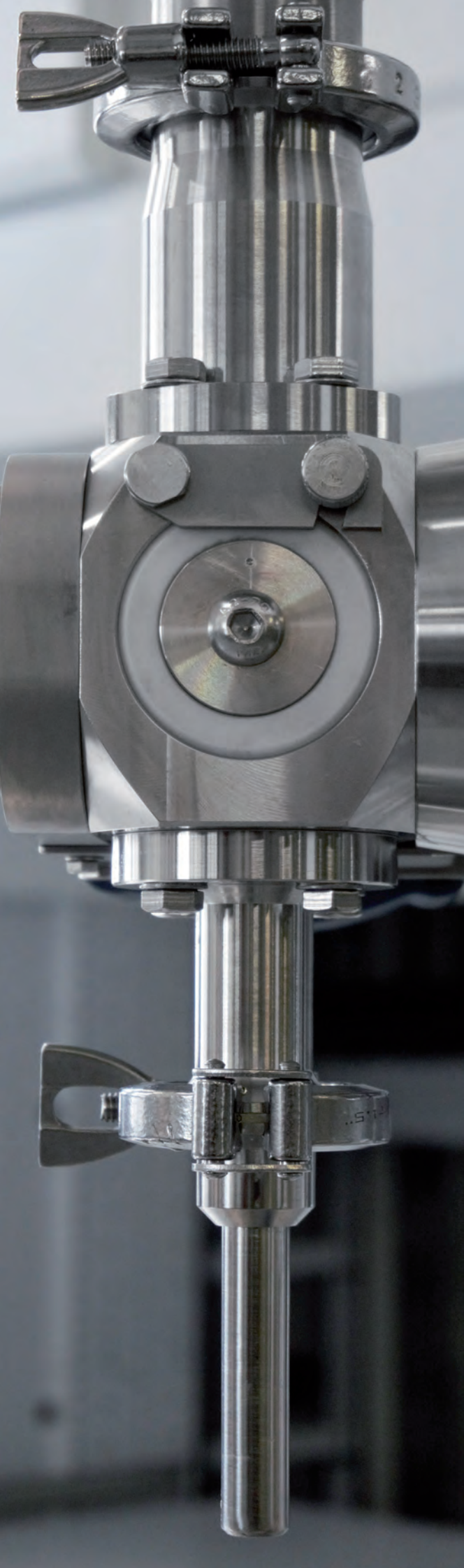
Our products are manufactured according to CE regulations, dir. machinery law "42/2006/EEC" and subsequent amendments or additions.

VOLUMETRIC FILLING MACHINES

Zefa Filling is our new professional line of filling machines for liquid, dense and semi-dense products; is designed for companies that need maximum flexibility.

These machines can be combined with our rotating table and cappers.





MANUAL FILLERS

VOLUMETRIC DOSING MACHINE “DSDB01T1000”

The ZEFA manual fillers allow the customer to dose the product in an agile way adjusting the volume and managing the manual or automatic dosing function through a selector.

Our line of accessories allows you to insert them into different production solutions.

SUITABLE FOR THE FOLLOWING SECTORS

Food



Cosmetic



Chemist



Pharmaceutical



The dosages of liquid, creamy and thick products are fast and precise.

The construction components are in AISI 316 steel in order to be in contact with the product to be dosed.

The «ultraclean» construction allows the sanitization of all the parts in an easy and quick way.

The dosing volume is adjusted by regulating the rear cylinder and the delivery and suction speed can be sensibly adjusted.

Having compact dimensions it can be easily integrated even on automatic systems.

Many special applications are carried out, where the customer can find countless customized solutions.

TECHNICAL FEATURES

- Machine weight: 55 Kg.
- Hopper weight: 10 Kg.
- Power supply: 6 – 8 bar.
- Doser: max 1000 ml.
- Cycle: Manual or Automatic.
- Seals: Virgin PTFE for food contact.
- Production: about 900 pcs./h (variable according to the viscosity of the product).





AUTOMATIC FILLERS

AUTOMATIC DOSING MACHINE "DSCN04T1000"

ZEFA automatic filling machines are compact, quick in format change managed by brushless motor and agile on production, reaching 40 pieces per minute.

The settings are realized through a touch screen control panel that permit rapid recall of recipes.

SUITABLE FOR THE FOLLOWING SECTORS

Food



Cosmetic



Chemist



Pharmaceutical



TECHNICAL FEATURES

- 1000 ml dosing cylinder in 316L stainless steel.
- Dosing and aspiration speeds separately adjustable.
- 12" Touch Screen control panel.
- Positioning encoder at start-up to execute the "machine zero".
- Latest generation Aisi 316 taps with the possibility of quick change of nozzles.
- Format changeover managed by PLC through electric motor.



- 316L stainless steel dosing nozzles, with quick connection to the taps.
- Product loading hopper Lt. 45.
- Operation of the Load Pump managed by the PLC.
- Compressed air: 6/8 bar.
- Electric connection: 220 V.
- Product pump management: 380 V.





ROTARY TABLE

«TART 1200»

The ZEFA Rotary Tables are made entirely of stainless steel.

The adjustment of speed and format change are managed by a potentiometer and inverter.

SUITABLE FOR THE FOLLOWING SECTORS

Food



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Chemist



Pharmaceutical



TECHNICAL FEATURES

- Structure made of satin-finished AISI 304 stainless steel.
- Electric panel with inverter for speed adjustment.
- Emergency button in a comfortable position.
- Anti-vibration stainless steel feet.
- Motor and gearbox powered at 220 V.





TRANSFER TAPES

**BELT TAPE WITH SUPPORT
"NSTPCS7000"**

**SIDE STRAP TAPE WITHOUT
SUPPORT "NSCLSB0300"**

In order to accompany the containers in a calibrated way on different work surfaces, they allow micrometric measurements for widths, heights and inclinations.

All parts in contact with the product are in 304L stainless steel or approved materials, which can be easily disassembled and inspected for cleaning.

SUITABLE FOR THE FOLLOWING SECTORS

Food



Cosmetic



Chemist



Pharmaceutical

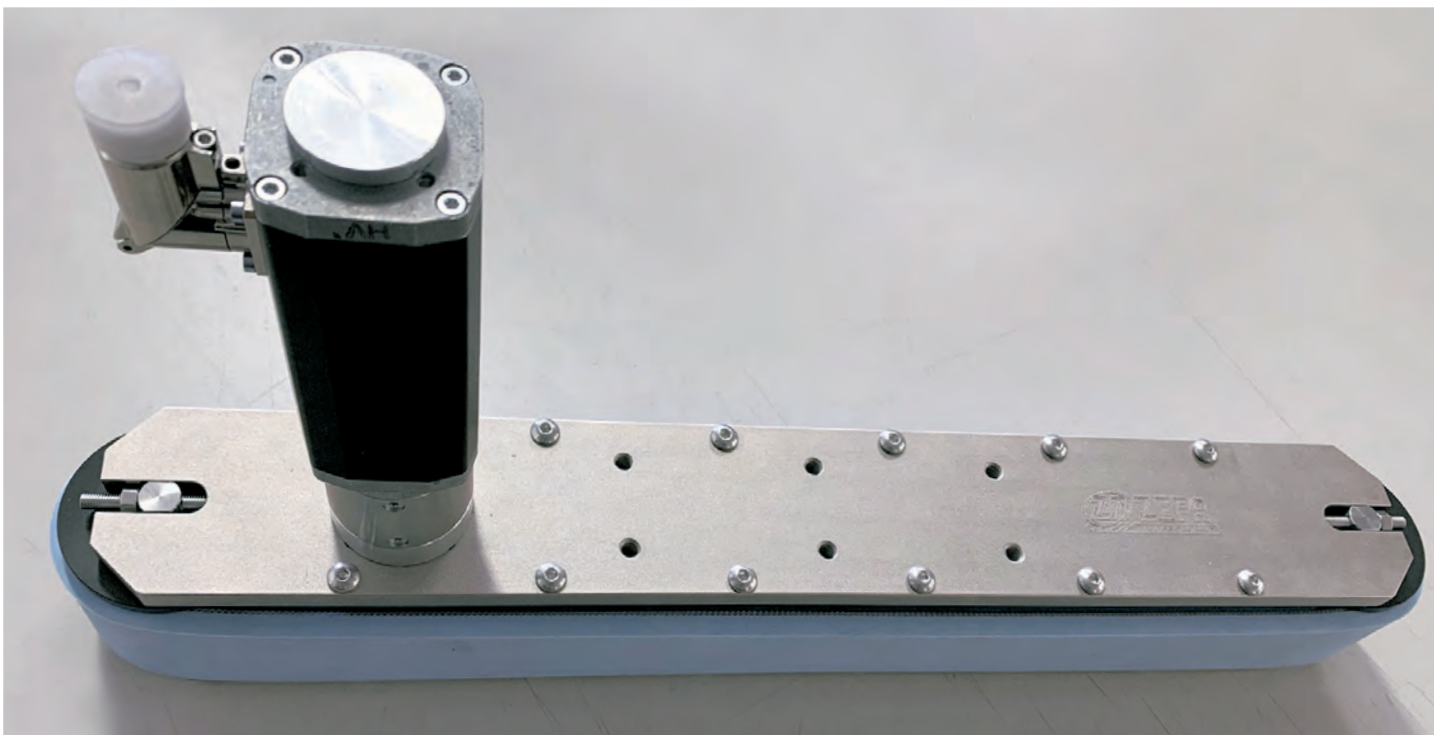


TECHNICAL FEATURES

- Custom design and layout on request.
- Structure with adjustable feet in AISI304 stainless steel with satin surface, complete with electrical system inside a dedicated stainless-steel compartment.
- Independent operation and speed regulation of each motor by means of potentiometers.



- Infeed and outfeed belt with adjustable belts in width.
- Belt conveyor with double guides adjustable in height and width.
- Independent On/Off for each belt with individual speed adjustment via potentiometers.
- Quick tangential, longitudinal and height adjustments by means of clamps to grasp different shapes of suspended bottles and bring them on the belt conveyor.
- Straps in silicone material for a better grip and avoid the deterioration of the bottles.
- Arrangement for product output in the straight section of the belt conveyor.
- Emergency button installed on stainless-steel boxes.
- Predisposition with overflow sensor.
- PLC, Inverter, Power Supply.
- Electric connection: 220 V.



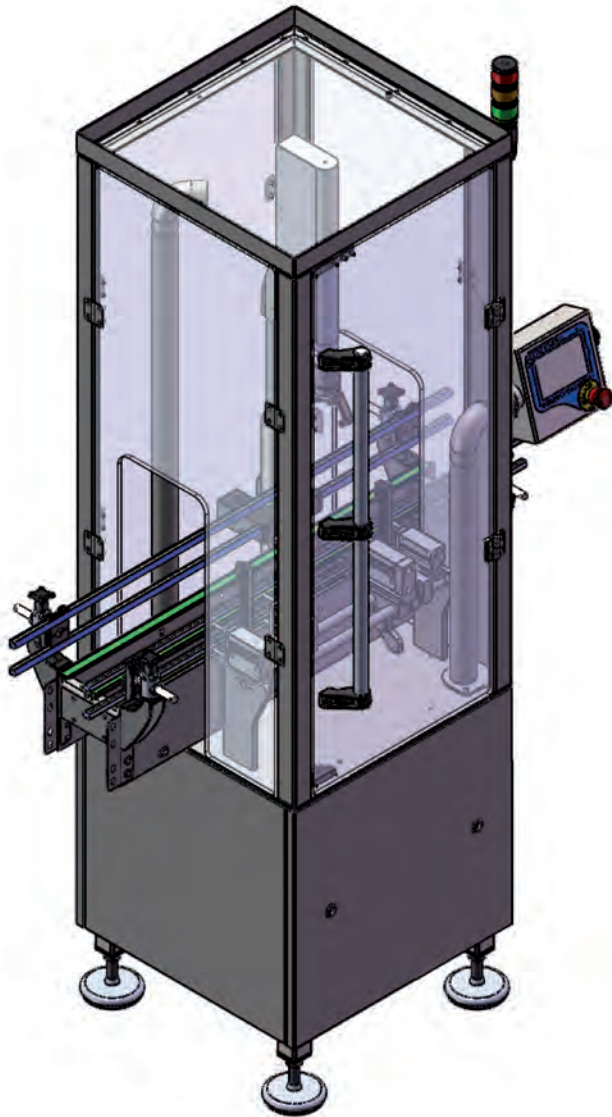


CAPPER

“TP01T” SINGLE HEAD CAPPER

The ZEFA single-head cappers are made specifically for the needs of capping of various formats and are installed stand alone to be inserted on existing lines or on new lines.

Built with a robust structure in AISI 304, thanks to the high construction qualities, they are characterized by flexibility and easy to use.



SUITABLE FOR THE FOLLOWING SECTORS

Food



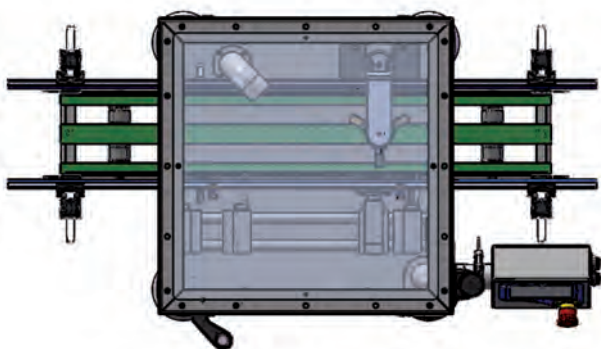
Cosmetic



Chemist

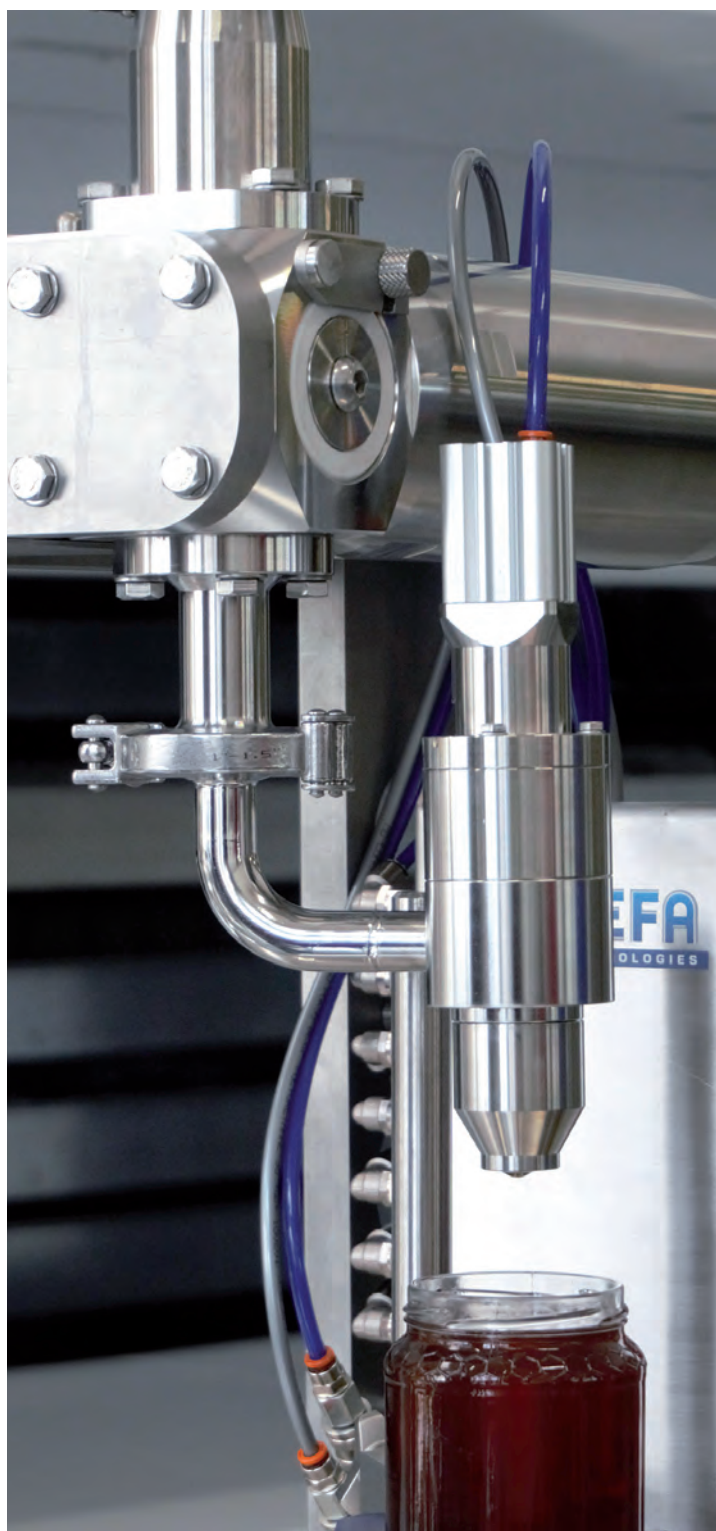


Pharmaceutical



TECHNICAL FEATURES

- Independent capper with base completely made of satin-finished AISI 304 stainless steel.
- Independent conveyor belt.
- Screwdriver with ascent and descent managed by a brushless motor.
- Torque management.





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