

PRESSING UNIT-TP

The machine is suitable to press foodstuff inside previously filled containers of different materials (glass, tinplate, etc.).



TECNOCEAM S.R.L.
VEGETABLES PROCESSING PLANTS



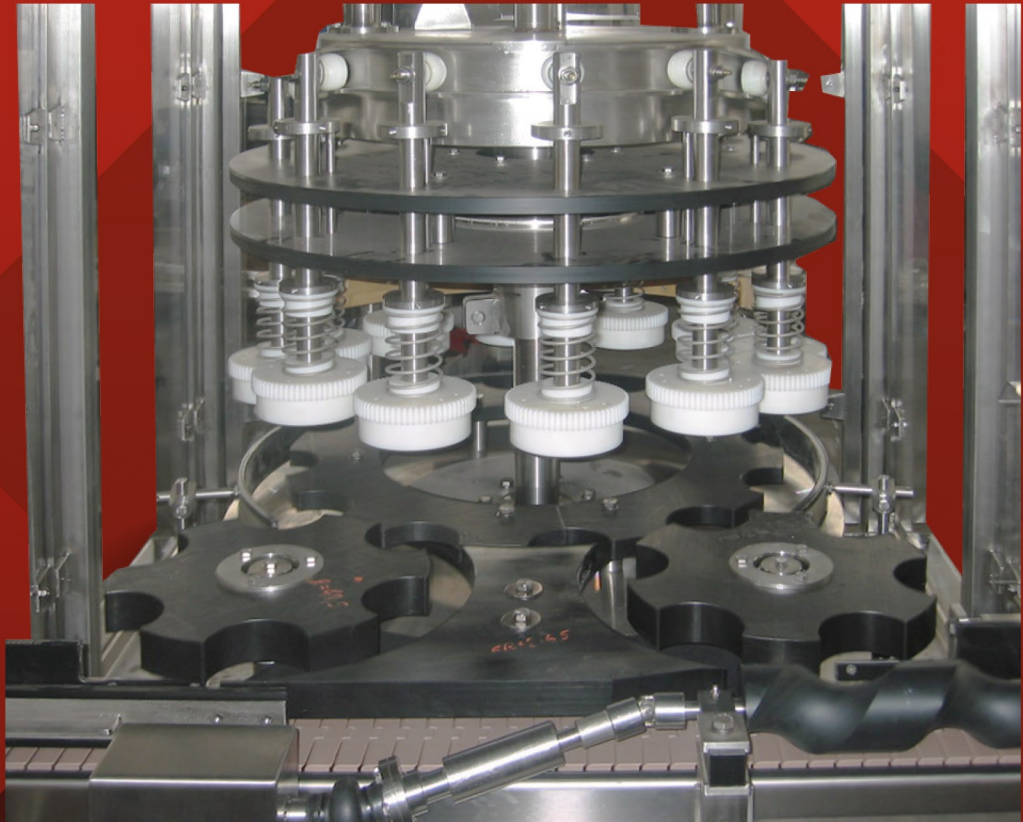
TECHNICAL SPECIFICATIONS

Pushers number: from 6 to 24

Approximate production range:
(variable according to pressing
head number and process speed)
da 3.600 a 15.000 contenitori/ora



PRESSING UNIT-TP



MANUFACTURING CHARACTERISTICS:

The machine, completely made of stainless steel, consists of the following essential parts:

- A robust frame to support all machine components equipped with height-adjustable feet;
- Container feeding extraction conveyor;
- Polyzene auger with variable pitch equipped with "anti-overturn" sensor/switch;
- Container infeed polyethylene star wheel;
- Container centering star wheel;
- Rotary carousel consisting of a variable number of height adjustable heads mounted on springs for product mechanical pressing inside containers;
- Container outfeed polyethylene star wheel;
- Control panel;
- Safety devices in compliance with the EU regulations with stainless steel profiles and polycarbonate panels; safety micro installed on the machine automatic stop doors, in case of accidental door opening.

The transmission of different movements is obtained by means of electric motors.

NOTE: all machine components meant to be into contact with foodstuff are manufactured in compliance with current EU regulations on this subject.

OPERATING PRINCIPLE:

The containers fed by a conveyor are picked up by a variable pitch synchronisation auger, then placed into the infeed star wheel and eventually in the centering one, which properly places them in correspondence with the overlaying pressing heads.


At this point, the solid product otherwise protruding from the container mouth, is properly pressed inside it by means of the downward/upward action of the pressing heads, this way allowing to create the necessary spacing for the next preserving fluid filling and facilitating also the container closing.

At the end of the process, the outfeed star wheel leads the containers onto the conveyor again to be sent to the next process stage.

ADVANTAGES:

- Possibility to operate on a wide range of various containers through quick format change operations: synchronisation auger replacement, star wheel unit replacement, head pusher replacement according to container mouth diameter, pressing head height adjustment according to the height of the containers to be treated;
- Continuous cycle automation – with consequent manpower saving - and possibility to vary the entire machine process speed from control panel;
- Possibility of sizing according to the required output per hour (machine can be equipped with a variable number of pressing heads);
- Easy access to inner components for cleaning and maintenance;





OPTIONAL available upon request:
Format change equipment
(augers, star wheels, pushers).

RELATED MACHINES:
Universal filling machine RAU,
Gravity filling machine/Vacuum
filling machine.

NOTE: machine images appearing in the
present folder are indicative only and could
differ from the last model in production.

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