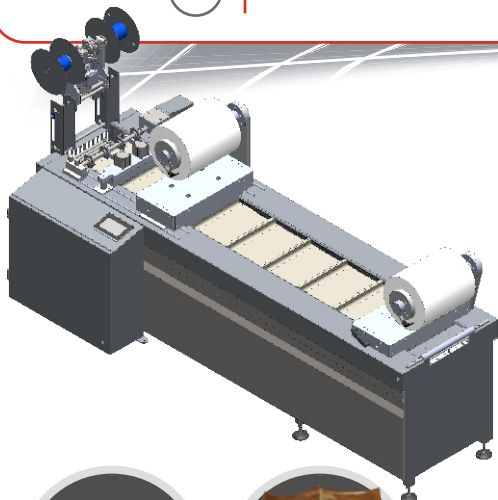


COMPACT PLUS THERMOFORMERS (FLEXIBLE FILM)



Bottom film width 320-360-420-460-470 mm
 Feed; ten-by-ten progress from 160 to 300 mm.
 Maximum forming depth 60 mm
 Packaging systems: Vacuum - MAP - Sealing only
 Flexible film up to 300 micron
 Length of loading zone for infeed (250), (6 zones) (1400mm)
 Length of infeed loading zone (300), (5 zones) (1500mm)
 Vacuum pump volume 100 m³/hour

Production capacity:

In divisions - X1 up to 5 cycles/minute

In divisions - X2 up to 3 cycles/minute

* Estimated production in the factory, without product and under optimal environmental conditions

GENERAL CHARACTERISTICS

- 7" colour touch screen
- Various programmes for different products to be packaged.
- Incident detection alarms.
- Anti-condensation heaters in electrical panel
- Counter of good packages.
- Negative counter of bad packs.
- Speed of cycles per minute.
- On-screen menu for the operator.
- On-screen menu for maintenance personnel.
- Scrap breakage detector.
- Vacuum test.
- Main switch and cable identification according to CE standards.
- Vacuum by millibars and time.
- Chain progress with normal start at stop, slow, and very slow start and stop for liquids.
- Split step for x1 x2 x3 x4 and asymmetrical chain feeds.
- Chain feed with different speeds.
- Selection of the number of steps per each drive pulse.
- Push button for manual entry of the bottom film by pulses or in continuous mode.

- Nickel-plated chains with stainless steel clips and springs.
- Hinges for tilting die with hinged swinging tool.
- Servo-driven chains.
- Upper reel max. diameter 350 mm (standard).
- Lower reel max. diameter 400 mm (standard)
- Upper and lower reel holder with side adjustment.
- Direct vacuum in the package.
- Cylinder-activated welding with air pressure.
- Easy-to-change welding frame - sealing grid.
- Height-adjustable roller belt for containers discharge.
- Regulated ventilation in vacuum and forming dies.
- Trims evacuation by motor-drum motors.
- Cleaning of scraps jammed in the return chain.
- Crossed cutting.
- Longitudinal cutting.
- Thermoforming by vacuum.
- Loading area with supports for light containers
- Easy mould change

- Strong and robust frame in stainless steel and hygienic design.
- Easy-access side gates for maintenance.
- Level and height adjustment feet.
- Water cooling system.
- Water circuit with drain valve for mould change.
- Die lifting by guided pneumatic cylinder.
- Machine designed for fast and easy maintenance.
- Ip65 watertight main switchboard, with separate electronics and pneumatics.
- Safety protections according to CE regulations.
- Safety protections in stainless steel and methacrylate.
- Noise mufflers in compressed air.
- Adjustment of the closing of the stations by regulators.
- Cleaning programme which closes the stations.
- Remote control via the Internet for technical assistance.

MACHINE OPTIONS

- Photocell for printed film.
- Motorised conveyor belt adjustable in height.
- Supports for heavy containers adjustable in height by a steering wheel.
- Water cooling system 4,7 kw.

- Bench for external pump.
- Liquid decanter before the pumps.
- Wheels for easy transportation of the machine.
- Trims aspiration system.
- Connection signals for auxiliary equipment.

PACKAGING OPTIONS

- Easy-open.
- Flap for the packages.
- Perimetral sealing plate.
- Total surface sealing plate.
- Euroslot.
- Solidwork design.
- Fillers for adjusting different forming heights.
- Smooth welding line.
- Grid welding line.
- Smooth total wealding.

TECHNICAL FEATURES

- Approximate total width 930mm.
- Total length.
- Total height from 1700 to 1800mm.
- Approximate weight of ___ kg.

- Electrical connection (5 poles) - (3 phases + n+ t)
- Maximum electrical power _____

- Air consumption of _____, maintaining 6 bars of pressure.

Total length: 3243mm
Total width: 1310mm
Total height: 1620mm

Total width: 1310mm

Total height: 1620mm

Technical drawing of the 'Forming machine' showing its layout and dimensions. The machine is 3243 mm wide and 1700 mm high. It includes a servo-motor, a vacuum pump (100 m³/h), a photocell, and a loading area. Dimensions for various components are provided: 253 mm for the servo-motor assembly, 2990 mm for the main body, 73 mm for the vacuum chamber height, and 1700 mm for the total height. The machine is labeled 'FORMED' and 'VACUUM'.

