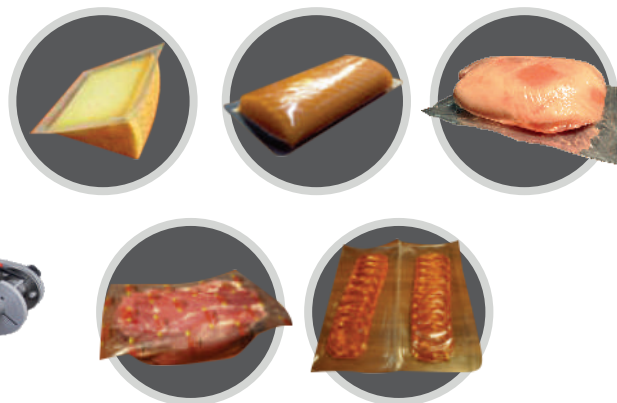


## (FLEXIBLE) THERMOFORMER



FILM WIDTH FROM 100 TO 670 mm. ANY MEASURE  
STEPS FROM 0 mm TO 1000 mm. ANY MEASURE



### GENERAL FEATURES

- ✓ Rotatory colour touchscreen board 10".
- ✓ 39 programmes for different products to be packaged.
- ✓ Endless alarms to indicate any incidence.
- ✓ Output connections for printers, dispensers, etc.
- ✓ Chains with ordinary start and stop, soft and very soft for liquids.
- ✓ Divided and asymmetric steps: x1, x2, x3, x4.
- ✓ Anti-condensation heater in electrical control panel.
- ✓ Meter of correct containers in sight.
- ✓ Negative meter of bad containers in sight.
- ✓ Cycles speed per minute in sight.
- ✓ Screen menu for the user.
- ✓ Screen menu for the maintenance manager.
- ✓ Chain progress with 70 different speeds.
- ✓ Number of steps selection by each starter pulse.
- ✓ Button for manual input of the bottom film by pulses or in a continuous way.
- ✓ Trims breaking indicator.
- ✓ Vacuum test.
- ✓ Main switch and wires identification according to ce standards.
- ✓ Nickel -plated chains with stainless steel clamps and springs

- ✓ End of the cycle into the step or the container.
- ✓ Chain operation by servo-motor of high performances.
- ✓ Maximum diameter of the upper reel 350 mm (standard).
- ✓ Bottom reel diameter 400 mm (standard).
- ✓ Film unwinder adapted to mandrel 76 mm 3".
- ✓ Motorized top and bottom film unwinder.
- ✓ Top and bottom film unwinder with lateral adjustment.
- ✓ Direct vacuum into the container.
- ✓ Vacuum by milibars, time and blinking stages with progression.
- ✓ Activate sealing by a cylinder with air pressure+vacuum.
- ✓ Perimeter sealing not to heat the product.
- ✓ Easy peel in the containers where we decide to put them.
- ✓ Guide- sealing frame with easy drawer changing.
- ✓ Containers discharge by a height adjustable ramp.
- ✓ Separated and controlled ventilation into the vacuum and forming forms.
- ✓ Trims evacuation by drummotor.
- ✓ Blocked trims cleaner in the return chain.
- ✓ Wheels for different forming heights of the containers.
- ✓ Crossing cutting.
- ✓ Longitudinal cutting.
- ✓ Thermoforming process by compressed air pressure.
- ✓ Easy change of moulds.

- ✓ Loading area with supports for light containers
- ✓ Robust chassis made of stainless steel with hygienic and sanitary design.
- ✓ Side doors for an easy access to maintenance.
- ✓ Leveling and height feet of the machine.
- ✓ Cooling by a water circuit.
- ✓ Water circuit with vacuum valve for mould changing.
- ✓ Collector tank with reserve of compressed air.
- ✓ Forms lifting by levers operated by a cylinder.
- ✓ Design for a quick and easy maintenance.
- ✓ Hermetic general board ip65 divided in two: electronics and pneumatic system.
- ✓ Safety protections according to ce standards.
- ✓ Safety protections made of stainless steel and polycarbonate.
- ✓ Maximum height of standard thermoforming 120 mm.
- ✓ Impurities filter before electro valves.
- ✓ Anti-hitting shock absorber for high speeds in the forms.
- ✓ Noise silencer in the compressed air.
- ✓ Purifier filter of compressed air in the forming process.
- ✓ Setting in forms closing by regulators.
- ✓ End of upper and lower film detector.
- ✓ Cleaning programme of the forms closing.

### OPTIONAL FEATURES

- ✓ Remote control via Internet.
- ✓ Photocell of centered printing of the upper and lower film.
- ✓ Vacuum+gas by injectors cannulas.
- ✓ Multi-use flat sealing plate.
- ✓ Motorized discharge belt and adjustable in height with/without flywheel.
- ✓ Pre-heating station before the forming process.
- ✓ Mechanical aid form with uniform thickness for the forming process.
- ✓ Thermoforming by explosion, vacuum or pressure+vacuum.
- ✓ Die with euroslet into the containers.
- ✓ Micro-cuttings into the crossing and longitudinal cuttings.

- ✓ Auto-lubrication by blowing system.
- ✓ Fluids decanter before pumps.
- ✓ Special height of thermoforming until 200 mm.
- ✓ Wheels for an easy transportation.
- ✓ Hinges for tilting forms.
- ✓ Laser cutting with 200 w or 300 w power.
- ✓ Sliding wheels for big forms.
- ✓ Trim collection by vacuum cleaner.
- ✓ Flaps in containers.
- ✓ Supports for heavy containers with automatic lifting and lowering.
- ✓ Vacuum by steam flushing process for hot products.
- ✓ Printers and labeling machines.
- ✓ Micro-drilled of top film.

- ✓ Etchings in the bottom of the containers.
- ✓ Supports for heavy containers into the vacuum forms.
- ✓ Possibility of different steps on the same machine.
- ✓ Loading area with supports for heavy containers.
- ✓ Rounded edges in rigid film containers.
- ✓ Double column lifting in long steps.
- ✓ Chassis divisible by pieces.
- ✓ Double sealing station.
- ✓ Easy-peel skin.
- ✓ Extractor trolley of big forms.
- ✓ Water cooler 4,7 kw.
- ✓ Film unwinder jumbo ø700 or ø1000 of 1 or 2 reels.
- ✓ Bench for outer pump.
- ✓ Mandrel adaptation of 150 mm 6".

### TECHNICAL FEATURES

- ✓ Approximate total width 930 mm.
- ✓ Total length depends on steps and loading areas.
- ✓ Total height from 1700 to 1800 mm. adjustable with legs.
- ✓ Approximate total weight 1400 kg. depends on equipment.

- ✓ Loading areas depending on the number of cycles.
- ✓ Wiring (5 pins) - (3 phases+n+e).
- ✓ Peak electrical power depends on the equipment.
- ✓ Vacuum pump: volume in m<sup>3</sup>/hour.

- ✓ Width of top film according to the model.
- ✓ Width of bottom film according to the model.
- ✓ Film progress according to the model.
- ✓ Air consumption=500-1000 L/min., keeping 6 bars of pressure.