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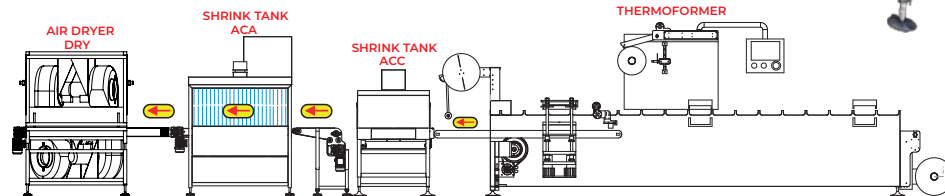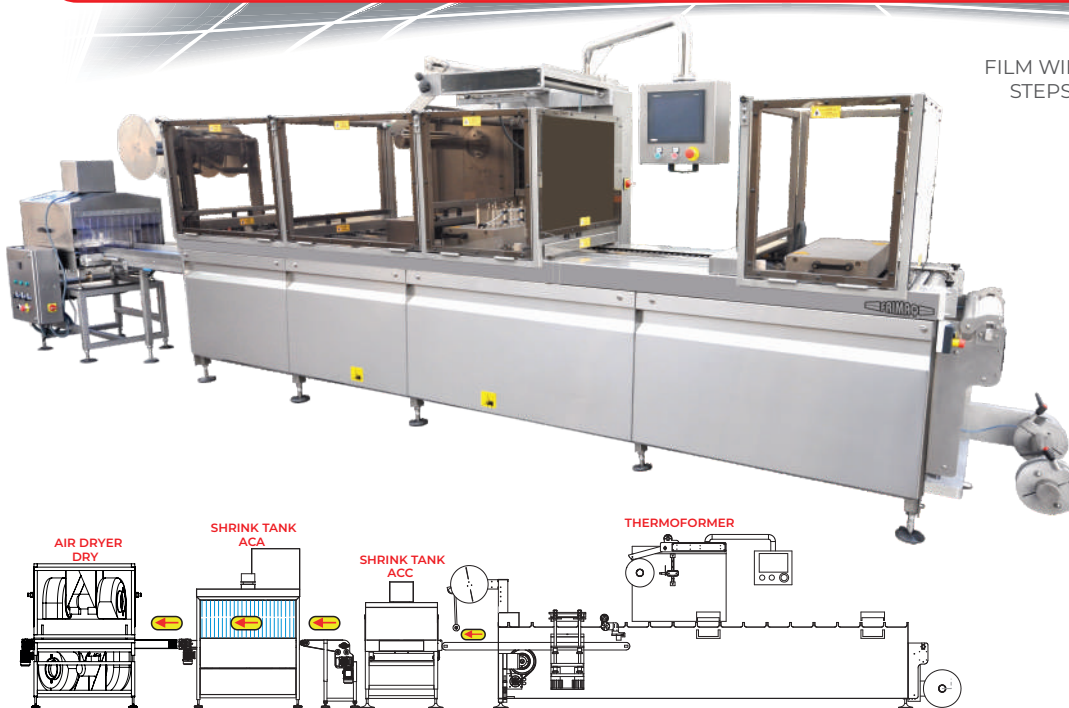
FILM WIDTH FROM 100 TO 670 mm. ANY MEASURE
STEPS FROM 0 mm TO 1000 mm. ANY MEASURE

AIR DRYER DRY   SHRINK TANK ACA   SHRINK TANK ACC   THERMOFORMER

GENERAL FEATURES

- Rotatory colour touchscreen board 10".
- 39 programmes for different products to be packaged.
- Endless alarms to indicate any incedence.
- 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.
- End of the cycle into the step or the container.
- Main switch and wires identification according to ce standards.
- Nickel -plated chains with stainless steel clamps and springs.

- Not drag chains for top film
- 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.
- Wedges 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 methacrylate.
- 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.
- Motorized discharge belt and adjustable in height with/without flywheel.
- Thermoforming by explosion, vacuum or pressure+vacuum.
- Auto-lubrication by blowing system.

- Fluids decanter before pumps.
- Possibility of different steps on the same machine.
- Water cooler 4,7 kw.
- Mandrel adaptation of 150 mm 6".

- Hinges for tilting forms.
- Vacuum by injectors cannulas.
- Chassis divisible by pieces.
- Bench for outer pump

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 m³/hour.

- Width of top film according to the model.
- Width of bottom film according to the model.
- Film progress according to the model.