



TRAYSEALER

Taurus

Packaging

 **ULMA**



# Taurus

# Auto





# Automatic tray sealing machine for modified atmosphere



Automatic traysealer machine for food-product packaging in previously formed trays. These trays are closed with tray-compatible heat-sealable film or cover material. To full fill the customer requirements and machine configuration, packaging can be done with or without modified atmosphere (MAP).

This type of packaging allows an excellent presentation, especially when the product to be packed includes **different ingredients**. If this is the case, the system allows place the products on the trays according to a pattern previously to the traysealer process. The wide range of shapes and colours of the trays available in the market permit you to obtain the best of presentations.

The main application of the TAURUS model is fresh product packaging (meat, fish, etc.), as the system makes life of product longer, if compared to traditional tray packaging, while keeping the same appearance.

## TECHNICAL FEATURES

- A sturdy machine made entirely of stainless steel and anodised aluminium and which has been built to operate in a damp environment. (IP 65 protection level).
- The machine structure incorporates a control panel consisting of:
  - A screen providing access to the machine control parameters: production control, memory containing data for 100 product set ups, language selection and alarm screen.
  - Precision sealing temperature controls.
  - Vacuum control (optional).
  - Stop/start button.
  - Emergency stop.
- The TAURUS model meets EU protection and safety regulations.
  - Safety guards protect access to the cutting and sealing systems during machine operation and are fitted with safety interlock switches.
  - Product feeding conveyor has bars which push and position the trays and provides a loading area of 1500 mm.
- Should more than one Cavity Size be needed, changing operations are fast and do not require the use of tools.

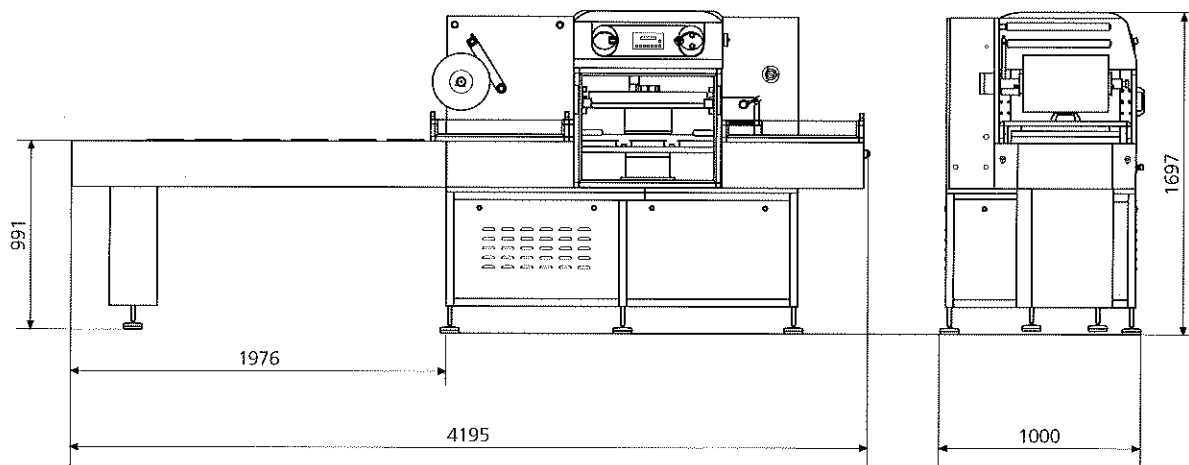
- Infeed conveyor with rod bars to center and push the trays, built in stainless steel with a 1.500 mm. Free loading area, provided with a waste collection system.
- Motorized exit belt.
- Film unwinding with film brake system.
- Motorized Film scrap rewinding.
- Tray detection photocell.
- Removable infeed conveyor.

## Maintenance:

- Minimal maintenance.
- Easily removable covers.
- Access to all machine components by removable covers.
- Approved for IP-65 cleaning methods.

## Optional:

- Vacuum and gas flushing systems. (with a gas accumulator surge tank).
- Printed film centering system.
- Date coders.
- Maximum tray height: 120mm. – 4.7".
- 100, 160, 250 and 300 m<sup>3</sup>/h vacuum pumps available.
- Chamber carrier.
- Tray denester.
- Possibility of additional loading area.
- Other (Date coders, Dosifier...).



## SPECIFICATIONS / MODELS

### Taurus 420

### Taurus 570

Maximum sealing area	400 x 420 mm. (15" x 16")	400 x 570 mm. (15 3/4" x 22.4")
Maximum Tray Height	80 - 120 mm. (3 1/8" - 4")	
Maximum roll diameter	300 mm. (12")	
Core diameter	76 mm. - 3"	
Vacuum pump size	100 / 160 / 250 / 300 m <sup>3</sup> / h	
Protection level	IP-65	
Electrical specifications	Voltage	230/400 V. Three-phase ± 10% + Neutral + Ground - 50/60 Hz
	Power consumption	6-8 kW • 15-20 Amp. / 380 V. (16-25 Amp./220 V.)
Pneumatic consumption	500 l/m. / 6 bars (20 CFM / 90 PSI)	600 l/m. / 6 bars (22 CFM / 90 PSI)
Approximate weight	900 Kg. (1980 lb)	1200 kg. (2640 lb)