

### SPECIFICATIONS

	TSA 1000	TSA 1200	TSA 1200 XL
MAXIMUM SEALING AREA	330 x1030mm (13" x 47")	330 x1200 mm (13" x 47")	500 x1200 mm (19.6" x 47")
MAXIMUM TRAY HEIGHT	80 / 120 mm (3" x 5")	80 / 120 mm (3" x 5")	80 / 120 mm (3" x 5")
CORE DIAMETER	76 mm (3")	76 mm (3")	76 mm (3")
MAXIMUM ROLL DIAMETER	300 mm (12")	300 mm (12")	300 mm (12")
ELECTRICAL FEATURES	Voltage 230 / 400 V. Threephase ± 10% + Neutral + Ground - 50/60 Hz		
	Power consumption	15 kW 44 A/400 V. (aprox.) 6 kW 26 A/400 V. (aprox. without pump)	15 kW 44 A/400 V. (aprox.) 6 kW 26 A/400 V. (aprox. without pump)
PNEUMATIC CONSUMPTION	19 litres / cycle	19 litres / cycle	20 litres / cycle
APPROXIMATE WEIGHT	2700 Kg (5952 lb)	3100 Kg (6834 lb)	3700 Kg (8157 lb)
LENGTH	4070 mm (160")	4570 mm (180")	4570 mm (180")

ULMA reserves the right to change the specifications without prior notice.



### ULMA Packaging

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TSA 1000-1200  
Traysealing

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# Automatic tray sealing machine TSA 1000-1200



Automatic tray sealer for all type of trays and materials. Different printed top film materials can be used. Depending on the requirements of the product to be packaged, MAP, vacuum, Skin... can be made.

This equipment has been designed for integration into high production lines or processes with high accuracy in tray positioning.

They can work in single-line or double-line, according to the specifications of trays and model.

## DESIGN HIGHLIGHTS

- ▶ Hygienic design.
- ▶ Sealing force.
- ▶ Easy cleaning.
- ▶ Robust construction.
- ▶ Easy to use.
- ▶ Reduced maintenance costs.
- ▶ Versatility.

## FUNCTIONAL FEATURES

- ▶ Energy efficiency.
- ▶ High production performance.
- ▶ Easy change of format.

## TECHNICAL FEATURES

- ▶ Sealing area: TSA 1000 (330x1030 mm.) / TSA 1200 (330x1200 mm.) / TSA 1200 XL (500x1200 mm.)
- ▶ Maximum tray height: 80/120 mm.
- ▶ Die lifting system by servomotor.
- ▶ Arm Opening/closing and die transfer by servomotor.
- ▶ Die change: Quick and easy change without tools and die/dome positioning detectors.
- ▶ Protection rank: IP 65.
- ▶ Tray feeding and positioning by belt with drum-motor.
- ▶ Belt disassembly without tools.
- ▶ Gas pressure control by panel (recordable). Gas accumulator tank included.
- ▶ Reel holder: pneumatic grip.
- ▶ Film end and break detectors.
- ▶ Motorized film tension control.
- ▶ Centralized lubrication system.
- ▶ 10" Panel Control (UPC-10B-C) with Industry Suite 4.0.
  - Assistant on screen (SOP).
  - Customizable interface.
  - Remote connectivity.
  - Maintenance program: event management.

## MOST COMMON OPTIONS:

- ▶ Tray denester.
- ▶ Loading modules.
- ▶ Infeed conveyors.
- ▶ Dosing and product loading systems.
- ▶ Die holder trolley.
- ▶ Accumulator table.
- ▶ Tray convergers.
- ▶ Coding and printing systems.
- ▶ Seal tester.
- ▶ Metal detectors.
- ▶ Integration into end of lines.

# TSA 1000-1200

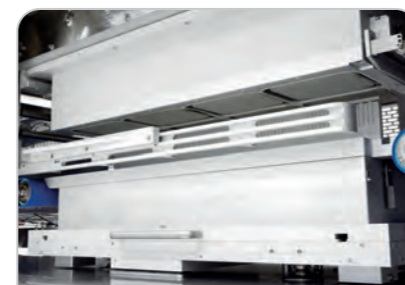
## Up to 21 cycles/min.



Pneumatic grip for reel holder



Electric lift mechanism



Arm based tray transport



Quick disassembling belt for cleaning



Easy cleaning surfaces



Accessibility and overall visibility