

### SPECIFICATIONS

#### TSA 680 P

#### TSA 875 P

MAXIMUM SEALING AREA	330 x 680 mm (13" x 27")	330 x 875 mm (13" x 34.5")
MAXIMUM TRAY HEIGHT	80 / 120 mm (3" x 5")	
CORE DIAMETER	76 mm (3")	
MAXIMUM ROLL DIAMETER	300 mm (12")	
ELECTRICAL FEATURES	Voltage	230 / 400 V. Threephase ± 10% + Neutral + Ground - 50/60 Hz
	Power consumption	4 kW 17 amp/380 V.      4,5 kW 20 amp/380 V.
PNEUMATIC CONSUMPTION	8 litres / cycle	10 litres / cycle
APPROXIMATE WEIGHT	1400 Kg	1600 Kg
LENGTH	3017 mm.	3600 mm.

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



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# TSA 680-875 P

## Traysealing

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# Automatic tray sealing machine TSA 680-875 P



Automatic tray sealer for all type of trays and materials. Different printed top film materials can be used.

The innovative CMC software (Continuous Motion Control) optimizes the production through an accurate tray positioning control, capable of speeds **up to 150 trays/min** depending on the type and dimensions of the tray.

This equipment has been designed for integration into medium-high production lines or processes with high accuracy in tray positioning. The sealing process can be on one row (single-line) or in two rows (double-line) depending on the formats to be packaged.

## DESIGN HIGHLIGHTS

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

## FUNCTIONAL FEATURES

- ▶ Energy efficiency.
- ▶ High production performance: **up to 25 cycles/min**.
- ▶ Easy change of format.

## TECHNICAL FEATURES

- ▶ Sealing area: TSA 680 P (330 x 680 mm.) / TSA 875 P (330 x 875 mm.)
- ▶ Maximum tray height: 80/120 mm.
- ▶ Die lifting system by servomotor.
- ▶ Arm opening/closing and die transfer by servomotor.
- ▶ Die change without tools.
- ▶ Tray feeding and positioning by belt with drum-motor.
- ▶ Reel holder: pneumatic grip.
- ▶ Film end and break detectors.
- ▶ Motorized film tension control.
- ▶ Centralized lubrication system.
- ▶ Control panel UPC.
  - Industrial PC with 7" touch screen (Opt. 10").
  - Access protection by 3 authorization levels.
  - Ethernet interface.
  - Maintenance program integrated in the machine: event management.

## MOST COMMON OPTIONS

- ▶ Tray denester.
- ▶ Loading modules.
- ▶ Checkweigher diverting systems.
- ▶ Single blade die for minimum film scrap.
- ▶ Cut-inside and/or cut-outside dies.
- ▶ Modified atmosphere (MAP) by gas flushing system.
- ▶ Die holder trolley.
- ▶ Accumulator table.
- ▶ Tray convergers.
- ▶ Coding and printing systems.
- ▶ Inline film perforation laser system.
- ▶ Metal detectors.
- ▶ End of line integration.

# TSA 680-875 P



Motorized reel holder with film tension control



Up to 25 cycles/min by electrical lift mechanism



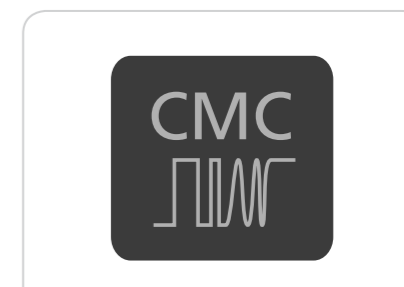
High reliability arm based tray transport



Infeed conveyors for tray flow management



Industrial PC based control panel with 7" touch screen



Continuous motion control up to 150 trays/min