



### TECHNICAL FEATURES

### TFS 80

FILM WIDTHS (MAX.)	420 mm. (16.5")
ADVANCE (MAX.)	180 mm. (7")
DEPTH (MAX.)	40 mm. (1.5")
ROLL DIAMETER	250 mm. (9.8")
CORE DIAMETER (MAX.)	76 mm. (3")
LOADING AREA	360 mm. (14.2")
WATER CONSUMPTION	60-100 l/h (10°C)
PNEUMATIC CONSUMPTION	220 l/min
ELECTRICAL SPECIFICATIONS	200V , 50-60 HZ, three-phase
MACHINE DIMENSIONS	1670x 960x1770mm. ( 65.7" x 37.7" x 69.6")

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



### ULMA Packaging

Thanks to an experience of 50 years, we are a worldwide reference in the design and manufacturing of high-tech packaging systems and equipment.

50 years evolving, innovating, perfecting our technology and our services. An extensive network that is available to offer you solutions anywhere in the world, and to fully satisfy customers that place their trust in us.

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TFS 80  
 Thermofforming

# TFS 80 hygienic design thermoformer



The TFS 80 is a thermoforming machine designed to pack food, non-food or medical products. The package is created directly by the machine using two rolls of film.

The TFS 80 offers the ideal way to advance from manual packaging to automatic packaging. These machines provide an economical solution with the same cost saving advantages of larger thermoforming machines:

- ▶ **Reduced package cost.**
- ▶ **Increased productivity.**
- ▶ **Improved product appearance.**
- ▶ **Faster product loading.**

The machine characteristics make it highly desirable for mixed production requirements, since formats can be easily changed to meet the needs of the customer. Its versatility, easy operation, and quick size change also make it suitable as a support machine for short run products.

Like all other ULMA machines, the priority in design is given to:

- Highest quality commercial components.
- In accordance with international safety standards.
- Easy sanitation IP-65 compliance.
- Easy change of dies and tooling.
- Easy access for maintenance.
- Ease of operation.

#### TECHNICAL SPECIFICATIONS

- ▶ Basic 1670 mm. frame.
- ▶ Bottom and top reel holder.
- ▶ Standard basic forming (forming by air) and sealing die.
- ▶ One transversal cutting system.
- ▶ Motorized longitudinal cutting system
- ▶ Pneumatic safety bars.
- ▶ Exit ramp.
- ▶ Film scrap collector.
- ▶ Vectorial inverter.
- ▶ 2 user manuals.
- ▶ Inox. covers.
- ▶ 7" UPC touch screen control panel.
- ▶ Hygienic frame TFS.

#### OPTIONS:

- ▶ Adaptation for different formats.
- ▶ Vacuum and gas system.
- ▶ Integrable vacuum pump 40,63 or 100 m3/h ( to be defined).
- ▶ Pneumatic change of the sealing plate.
- ▶ Adaptation of the sealing plate for easy-open corner.
- ▶ Zig-zag knife for transversal cutting.
- ▶ Pneumatic longitudinal cutting system.
- ▶ Printed film centering device.
- ▶ Aspiration system scrap collector.
- ▶ Exit belt.
- ▶ Synchronization with peripherals.

# TFS 80



Pneumatic precision winding reel holder.



Motorized cutting system.



Product support.



Pneumatic safety bars.



Easy format change.



Friendly interface touch screen. (optional)