



TECHNICAL FEATURES

TFS 200

TFS 300

FILM WIDTHS (MAX.)	420 mm. (16.5")	
ADVANCE (MAX.)	360 mm. (11.8")	
DEPTH (MAX.)	110 mm. (4.3")	130 mm. (5.1")
ROLL DIAMETER	350 mm. (13.7")	
CORE DIAMETER (MAX.)	76 mm. (3")	
LOADING AREA	*(Sizes on request expandable)	
WATER CONSUMPTION	60 - 100 l/h, 10°C	
PNEUMATIC CONSUMPTION	300- 500 l/min, 6 bars	
ELECTRICAL SPECIFICATIONS	230 / 400 V. +/-10% triphase + N + ground - 50/60 hz.	

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.

For additional information, please visit our website:

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TFS 200-300
Thermofforming

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Hygienic design thermoformers TFS 200 - 300



TFS 200 and TFS 300 are thermoforming machines designed to pack food, non-food or medical products. The package is created directly by the machine using two rolls of film. The film may be flexible or rigid. Vacuum with gas flushing is available as an option. The TFS series 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. It's versatility, easy operation, and quick size change also make it suitable as a support machine for short run products.

TECHNICAL SPECIFICATIONS

Construction features:

- ▶ Stainless steel.
- ▶ 7" touch screen UPC control system.
- ▶ Modular machine with basic structure 3000 mm. (option of 1 m frame enlargement)
- ▶ Operational diagnostics.
- ▶ Parameters and error messages are displayed.
- ▶ CE approval.
- ▶ Hygienic design, IP-65.

Ease of use and maintenance:

- ▶ Highly efficient.
- ▶ Tool-less detachable in-feed
- ▶ Programmable configurations.
- ▶ Programmable advance speed.
- ▶ Minimum maintenance.
- ▶ Remote Support Management (RSM). Connection is made by Ethernet with http access (internet).

Optional devices:

- ▶ Upper and lower printed film centering.
- ▶ Expanded loading area (TFS 300).
- ▶ Vacuum and gas flush systems.
- ▶ Integratable vacuum pump 25, 63, or 100 m³/h.
- ▶ Special adaptations for clean rooms.
- ▶ Special components for very corrosive products.
- ▶ Integration with peripheral equipment. (date coders, dosing system,...)
- ▶ Re-closeable zipper attachment, easy open options, Zig-zag knife for easy open package.
- ▶ ...

TFS 200-300



Integrated vacuum pump



Pneumatic precision winding reel holder



Cutting system



Hygienic design



Friendly interface touch screen



Optional longer machine 1000 mm. (39.4") (TFS 300)