

**HARPAK**

Global Packaging

**ULMA**



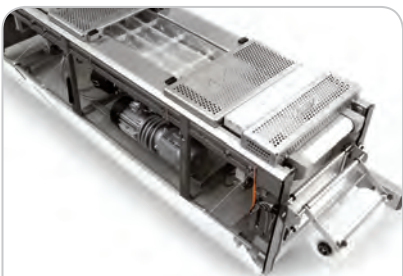
**TFS 200-300**  
Thermoforming

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# TFS 200 - 300 Hygienic Thermoforming



TFS 200-300



Integrated vacuum pump



Pneumatic precision winding reel holder



Cutting system





The TFS 200-300 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 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.
- ▶ IPC control system.
- ▶ 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.

##### 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 m<sup>3</sup>/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.
- ▶ ...

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Hygienic design



Friendly interface touch screen



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

