

**HARPAK**

Global Packaging

**ULMA**



**TFS 80**  
Thermoforming

# TFS 80 Hygienic Thermoforming



# TFS 80



Pneumatic precision winding reel holder.



Motorized cutting system.



Product support.

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 ULMA machines, the priority in design is given to:

- Highest quality components.
- Use as standard commercial high quality 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) sealing die.
- ▶ Vacuum system (Gas optional).
- ▶ Integratable vacuum pump 40, 63 or 100 cfm (to be defined).
- ▶ One transversal cutting system.
- ▶ Motorized longitudinal cutting system.
- ▶ Pneumatic safety bars.
- ▶ Exit ramp.
- ▶ Film scrap collector.
- ▶ Vectorial inverter.
- ▶ 2 user manuals.
- ▶ Stainless steel covers.
- ▶ IPC control.
- ▶ Touch screen color control panel, 7".
- ▶ Hygienic frame TFS.

#### OPTIONS:

- ▶ Adaptation for different formats.
- ▶ Gas injection system.
- ▶ 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.



Pneumatic safety bars.



Easy format change.



Friendly interface touch screen.  
(optional)

