

HARPAK

Global Packaging

ULMA



TFS 80
Thermoforming

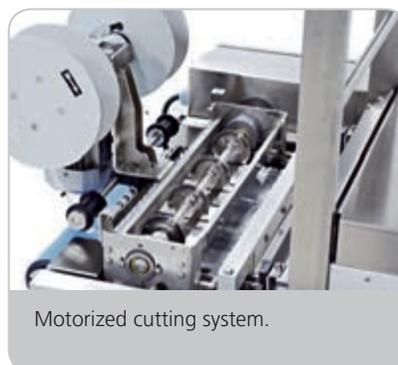
TFS 80 Hygienic Thermoforming



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.



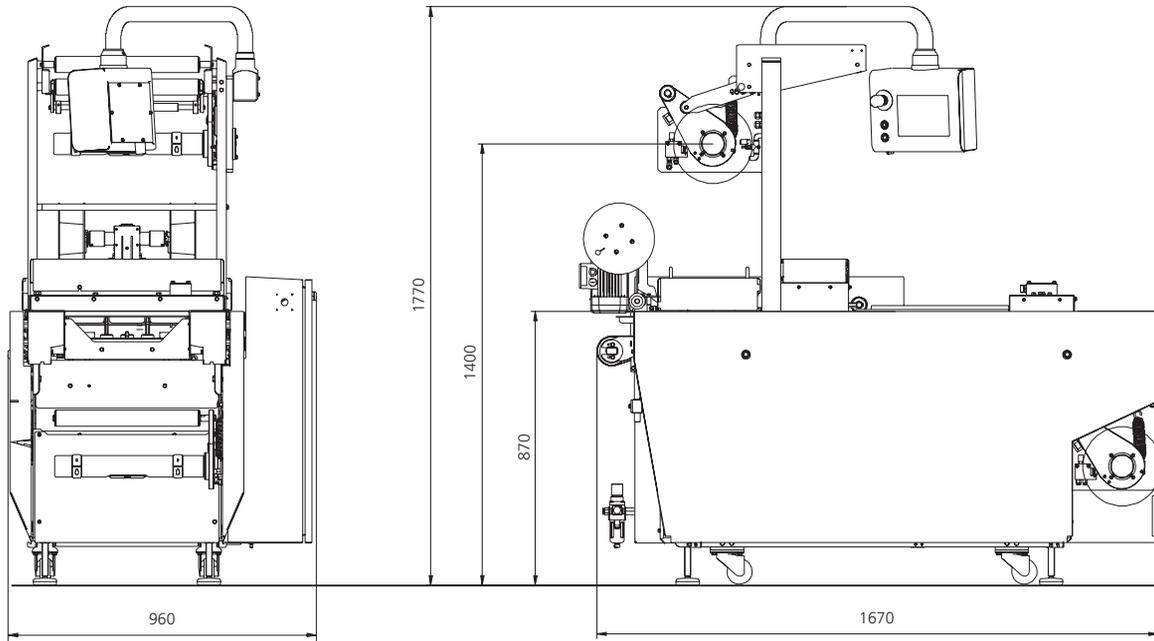
Pneumatic safety bars.



Easy format change.



Friendly interface touch screen.
(optional)



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	40 l/h, 10°C
PNEUMATIC CONSUMPTION	250 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.

For additional information, please visit our website:

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