

TECHNICAL SPECIFICATIONS

FILM WIDTHS	320 - 720 mm. (12.6" - 28.3")
MAXIMUM ADVANCE	Up to 1100 mm. (16" - 43.3")
PACKING DEPTH	Up to 210 mm. (1.2" - 8.3")
MAXIMUM ROLL DIAMETER	Upper roll 350 mm. (13 3/4") / Lower roll 400 - 1000 mm. (15 3/4" - 39 1/2")
CORE DIAMETER	76/152 mm. (3/6")
LOADING AREA	Sizes on request
WATER CONSUMPTION	100 - 150 l/h, 2 bar, 8- 10°C (26-39 G/H / 30 PSI / 45 - 50°F)
AIR CONSUMPTION	*1000 - 1500 l/min, 7 - 10 bar (35 - 53 CFM / 100 - 150PSI)
ELECTRIC SUPPLY	230/400 v triphase +/-10%+ neutral + ground 50/60 Hz
ELECTRIC CONSUMPTION	* 10 - 25 kw/20-40 Amp (380 V) / 30-80 Amp (220 V)
APPROXIMATE WEIGHT	* 1.000 - 2.000 kg. (2,200 - 3,300 lb)

ULMA reserves the right to change specifications without prior notice.
 * depending on the equipment.



ULMA Packaging

With 50 years experience, we are one of the world's leading manufacturers of advanced technological packaging equipment.

By embracing innovation in our core values, and by striving to provide outstanding new solutions and services to our customers & prospective customers, we hope to surpass their expectations.

The whole world is our market, thanks to our extensive network of subsidiaries, distributors & agents.

For further information on ULMA PACKAGING products, please visit:

www.ulmapackaging.com

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TFS 700

Thermoforming

Thermoform, Fill & Seal Machine (Full sanitisation specification)



The TFS 700 model is the top of the range, new ULMA TFS Thermoforming line. This is an entirely new machine design concept. ULMA has redesigned every section of our thermo-forming machine, to surpass the rigorous hygiene and deep cleaning requirements demanded by today's food packaging industry.

We have worked in partnership with some of the most advanced design, research and innovative centres around the world. This, coupled with our 45 years experience here at ULMA, has allowed us to offer a new line of thermo-forming machines providing superior levels of efficiency, reliability and hygiene.

Within our new line of products, the 700 series allows complete adaptability in terms of pack format and production. This is largely due to its modular construction, which provides the ultimate in versatile packaging solutions, along with the main frame design which has a closed profile to provide extraordinary strength and rigidity to the machine.

TECHNICAL SPECIFICATIONS

- ▶ Modular construction
- ▶ Entire stainless steel structure to AISI 304
- ▶ Main frame length starting at 5400 mm
- ▶ Inclined surfaces allow water to drain during cleaning
- ▶ Easy open side guards, allowing the inside of the machine to be cleaned
- ▶ Design that repels the accumulation of contamination residue
- ▶ Sealed and continuous welds used in the fabrication process.
- ▶ Different types of elevation systems for the moulds are available.
- ▶ Top film reel holder independent of the cabinet
- ▶ Gate for film unwinding
- ▶ Components with protection level – IP 67 as standard
- ▶ IP 69k option in dark zones
- ▶ Minimised use of internal wiring
- ▶ Independent main electrical cabinet (moveable)
- ▶ IPC Control
- ▶ Optional MODEM (communication with ULMA) and OPC (real time access)
- ▶ Control panel:
 - Adjustable.
 - Touch screen display.
 - Tactile switches.
 - Easy operator communication interface.
- ▶ Integration and/or peripheral connection
- ▶ Easy change formats
- ▶ Low maintenance
- ▶ Reduced consumption
- ▶ Optional - change of package height and automatic adjustable mould opening.

A team of application, design and research specialists have liaised closely with our customers to understand their needs & to configure a machine that meets their highest expectations and satisfy both their current and future needs.

TFS 700



Operator friendly interface



Ultimate hygienic design



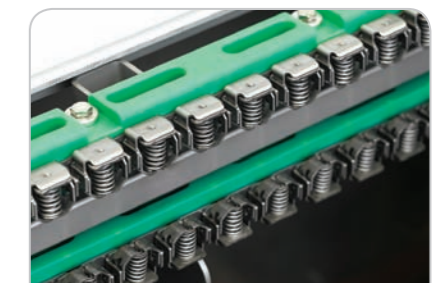
Easy machine access



IP 69 components



Full stainless steel design



Easily cleanable chain