Global Packaging

ULMA

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	TFS 600	TFS 700
FILM WIDTHS	320 - 620 mm. (12.6" - 28.3")	320 - 720 mm. (12.6" - 28.3")
MAXIMUM ADVANCE	Up to 600 mm. (23.6")	Up to 1100 mm. (43.3")
PACKING DEPTH	Up to 150 mm. (5.9")	Up to 210 mm. (8.3")
MAXIMUM ROLL DIAMETER	Upper roll 350 mm. (13 $^3/_4$") / Lower roll 400 - 1000 mm. (15 $^3/_4$" − 39 $^1/_3$")	
CORE DIAMETER	76/152 mm. (3/6")	
FRAME LENGTH	4000 - 10000 mm. (157.5" - 394")	5000 - 23000 mm. (197" - 905.5")
LOADING AREA	*(Sizes on request expandable)	
WATER CONSUMPTION	80 - 130 l/h, 2 bar, 8 - 10ºC	
AIR CONSUMPTION	*150 Nl/cycle, 6 - 8 bar	
ELECTRIC SUPPLY	230/400 v triphase +/-10%+ neutral + ground 50/60 Hz	
ELECTRIC CONSUMPTION	* 10 - 25 kw/20-40 Amp (400 V) / 30-80 Amp (230 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

Thanks to an experience of more than 50 years, we are a worldwide reference in the design and manufacturing of high-tech packaging systems and equipment.

More than 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:

www.ulmapackaging.com

ULMA

TFS 600-700
Thermoforming

C0161 - 07/2014

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TFS 600 - 700 hygienic design thermoformers

The TFS 600 and TFS 700 models are 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 thermoforming machine to surpass the rigorous hygiene and deep cleaning requirements demanded by today's food packaging industry.

We have worked in partnership with the some of the most advanced design, research and innovative centers around the world. This, coupled with our 50 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 600-700 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.

FUNCTIONAL FEATURES

► Easy format change.
► UPC control system:
- 10" colour touch screen display.
- Easy and user friendly.
- Multi-language and characters support (cyrillic, arabic, katakana ...).
- Control and display programs easily updatable (USB or Ethernet).
- Security backups to pendrive (USB).
- Access protection with 3 permission levels.
- Ethernet interface.
- Remote view and control system same as the one available in the HMI at the machine.
- Display of current rate. Cycle optimization tools based on time monitoring of each station.

TECHNICAL FEATURES

Construction features

► Modular construction.
► Stainless steel frame.
► Safety standard according to "EC" regulations.
► Modular machine that can be enlarged depending on the project.
► Easy access to internal components of the machine, with removable lateral covers.
► Optional additional dies available for the machines.

Ease of maintenance

► Minimum maintenance.
► Maintenance program integrated in the control panel.
► Remote Support Management (RSM). Connection is made by Ethernet with http access (internet).
► Original top level commercial components.

Solutions

High performance multi-purpose machines. With a long list of specific devices developed to meet the needs of each product to be packaged, production requirements and pack specifications, these machine models can respond to all types of packaging needs.

Most common options

► Dosing and product loading systems.
► Die/reel holder trolley.
► Pack convergers.
► Coding and printing systems.
► UST seal test checker (ULMA seal tester).
► Metal detectors.
► Integration in end of lines.

TFS 600-700

| Operator friendly interface | Ultimate hygienic design | Easy machine access | Converger | Shaped cuts | Easy format change |