

TECHNICAL SPECIFICATIONS TABLE

PRODUCT DIMENSIONS <small>(The maximum and minimum dimensions cannot be combined on the same machine) (Please consult us for other dimensions)</small>	Length	30 - 500 mm. (1,2"-19,6")		
	Width	25 - 250 mm. (1"-10")		
	Height	5 - 100 mm. (0,2"-4")		
PACKAGING MATERIAL	Laminated barrier films (OPA/PE, PET/PE or similar) Barrier shrink film BDF Thermosealable films: BOPP, polyester, etc.			
REEL DIMENSIONS	Max. reel diameter	Max. film width	Core diameter	
	400 mm. (15,7")	700 mm. (27,5")	76 ± 5 mm. (152 ± 5 mm.) (3" ± 0,2") (6" ± 0,2")	
SPEED <small>(The maximum and minimum dimensions are not compatible with the maximum speed)</small>	Up to: 250 p/min. <small>(according to the characteristics and dimensions of the product, as well as the type of film being used)</small>			
ELECTRICAL DATA	Voltage	230/400 V. Three-phase + Neutral + Earth 50/60 Hz.		
	Approximate consumption	4.5 kW to 400 V (according to the version and options)		
PNEUMATIC CONSUMPTION	50 l/min at 6 bar (according to the options)			
APPROX. DIMENSIONS (LxWxH)	3315 x 1475 x 1865 (without feeder) (130,5" x 58" x 73,5")			
APPROXIMATE WEIGHT	1600 Kg. (3527 lb)			

ULMA reserves the right to change the specifications without prior notice.



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.

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FM 500
Flow Pack

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Horizontal Flow Pack wrapping machine



A new machine for MAP packaging in a high-speed modified atmosphere, capable of packaging up to 250 products/min. Mainly aimed at applications in the meat, cheese, ready meal and baked goods sectors, among others, which require a guarantee and safety when it comes to packaging, whether with or without a modified atmosphere.

The machine is equipped with an LD (Long Dwell) cross sealing head, which thanks to its long sealing time and its revolving movement is capable of guaranteeing the airtightness of the packaging at high levels of production. As a result, the machine assembly is extremely robust and reliable, which is necessary for guaranteeing proper operation at these levels of production.

This new model was designed to meet the hygiene and cleanliness requirements of the target sectors, incorporating highly rustproof and waterproof elements, as well as designs that minimise points where residues and dirt can accumulate.

The machine is controlled via an industrial PC with a 10" HMI touchscreen, facilitating both its use by the operator through graphic icons and the connectivity of the machine with the productive environments.

TECHNICAL FEATURES

- ▶ Electronic machine with independent servomotors that are synchronised electronically.
- ▶ Frame made of stainless steel in a hygienic design, with the independent electrical cabinet built into it.
- ▶ Infeed system with washable "Open Frame" design, so that it can be cleaned directly with a water jet.
- ▶ Front-loading reel holder with pneumatic reel fastening system to facilitate film roll loading.
- ▶ Longitudinal welding system designed to achieve hermetic seals at high speed, with an adjustment system for different films from the HMI.
- ▶ Cross sealing system by "Long Dwell" sealing head, designed to achieve hermetic seals at high production rates.
- ▶ Control panel for the machine located on a movable arm to facilitate access for the operator. Featuring a 10" colour touchscreen to facilitate its use by the operator.

MAIN OPTIONS

- ▶ Top and Bottom reel versions.
- ▶ Versions for different films (laminated barrier films, BDF barrier shrink films, etc.)
- ▶ Inline residual oxygen analyser systems.
- ▶ "Easy-Tape" system to facilitate the automatic reel change.
- ▶ Different automatic infeed systems
- ▶ Ethernet connection for data acquisition, VNC, production control systems, etc.

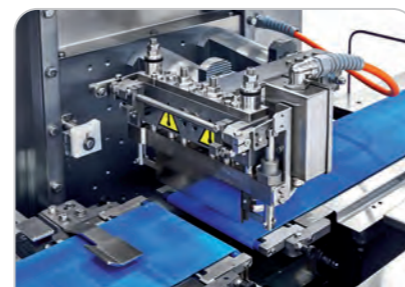
FM 500



"Open Frame" design washdown and Sanitary design infeed conveyor



Front-loading reel holder that facilitates loading of the reel



"Long Dwell" cross sealing head



Pivoting control panel with touchscreen control



Multibelt feeding system built in a Sanitary design and Washdown "open Frame" design execution



"Easy-Tape" system to facilitate the automatic reel splicing