



### TECHNICAL SPECIFICATIONS

PRODUCT DIMENSIONS <i>(All maximum and minimum dimensions may not be attainable at the same time)</i> <i>(Check for other dimensions)</i>	Length	100 - ∞ mm. (4" - ∞")		
	Width	10 - 300 mm. (0.4" - 11.8")		
	Height	10-120 mm. (0.4" - 4.7") / opt. 150-210 mm. (5.9" - 8.8")		
PACKAGING MATERIAL	Barrier laminated films: PA/PE or similar. Shrink barrier film BDF.			
ROLL DIMENSIONS	Maximum roll diameter	300 mm. (11.8")	Film width capacity	700 mm. (27.5") / opt. 1000 mm. (39.4")
			Core diameter	76 ± 5 mm. / 152 ± 5 mm. (3" / 6")
	SPEED <i>(Maximum and minimum dimensions might not be compatible with maximum speed)</i>	Up to 55 p/min - 20 m/min. film <i>(dependant on product characteristics and dimensions)</i>		
ELECTRICAL CONSUMPTION	Voltage	230 / 400 V. Three-phase + N + Ground 50 / 60 hz.		
	Power consumption	6 kVA. 400 V (depending on version and options)		
PNEUMATIC CONSUMPTION	350 litres/min. at 6 bars			
APPROXIMATE DIMENSIONS (LxWxH)	5215-4710 x 1665-1490 x 1730-1750 mm. (205-185" x 65-58" x 68")			
APPROXIMATE WEIGHT	1200 Kg.			

ULMA reserves the right to change specifications without prior notice.



#### ULMA Packaging

Thanks to 50 years' experience, we are a worldwide reference in the design and manufacturing of high-technology packaging equipment and systems.

50 years of progressing, innovating and perfecting our technology and services. A wide network at your service to offer you solutions all over the world and to give full satisfaction to anyone who places his trust in us.

For more information, please see our website:

[www.ulmapackaging.com](http://www.ulmapackaging.com)

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FM 200  
Flow Pack

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# Horizontal flow wrapping machine



FM 200 is a machine developed to pack fresh food products in a Flow-Pack (pillow pack) style bag with three seals.

The new FM 200 family is the result of ULMA's commitment to innovation and technological development. The result of this ongoing process has given rise to a new family of machines, providing improved performance and ease of use.

The new FM 200 features all the strength, reliability, and operation simplicity of the ULMA machines. Added to these well known characteristics of ULMA, the new model also features a higher flexibility and versatility, together with a much easier operation thanks to its touch screen control panel.

The great flexibility, proven reliability and the innovative technology applied to the new FM 200 family, assures the ideal packaging machine for a wide range of applications.

## TECHNICAL FEATURES

- ▶ Electronic packaging machine powered with independent motors synchronised electronically.
- ▶ Machine is built on a stainless steel frame in a cantilever format, reducing dirt and dust accumulation, permitting optimum cleaning and hygiene. It also gives an easy access to the mechanical and electrical components.
- ▶ In-feed conveyor, 2 meters in length, manufactured in stainless steel (standard configuration).
- ▶ Easy access reel holder that simplifies the loading of heavy rolls. It is equipped with a motorized film unwinding system for optimum machine operation.
- ▶ Motorized height adjustment of the longitudinal sealing system providing quick and easy settings.
- ▶ The box motion type cross sealing station incorporates an over-pressure system to guarantee high quality hermetic seals.
- ▶ The sealing head is equipped with an independent motor that provides high flexibility, optimizing the cycle time and enabling smaller, accurate package lengths.
- ▶ The touch screen control panel allows a simple and very intuitive access to the machine parameters. It provides various parameter settings for each product (bag length, speed, sealing time, etc...).
- ▶ The "No product - No Bag" and "Misplaced product safety" functions are standard in this machine.

## MAIN OPTIONAL DEVICES

- ▶ Barrier laminated film version: OPA/PE or similar.
- ▶ Shrink barrier film BDF version.
- ▶ Print registration photocell.
- ▶ "On-line" gas analyzing systems.
- ▶ Wide variety of in-feed conveyor designs is available in variable lengths to accommodate the required lay-out.
- ▶ Wide variety of printing equipment.

# FM 200



Belt type in-feed conveyor



Reel holder designed for easy loading



Cross sealing head designed to guarantee high quality hermetic seals



Shrink barrier film BDF version



Top reel version



Openable top cover shrink tunnels