



TECHNICAL SPECIFICATIONS

PRODUCT DIMENSIONS <small>(All maximum or all minimum dimensions may not be attainable at the same time) (Consult ULMA for other dimensions)</small>	Seal jaw diameter	Ø 144 mm (5.6")	Ø 200 mm (7.8")
	Bag length	90 - 450 mm (3.5" - 17.5")	125 - 625 mm (5" - 24.5")
	Product length	60 - 350 mm (2.4" - 13.75")	90 - 500 mm (4.9" - 19.5")
	Product width	10 - 250 mm (4" - 9.75")	10 - 250 mm (4" - 9.75")
	Product height	5 - 70 mm (1/4" - 2.75")	5 - 150 mm (1/4" - 6")
SPEED <small>(all maximum and minimum dimensions can not attain maximum speed)</small>		Up to 250 packs/min. - 30 m /min. (100' /min.) <small>(dependent on product type, dimensions, and film type)</small>	
PACKAGING MATERIAL		Heat sealable films: BOPP (Bi-Oriented Polypropylene), PVC, polyester, cellulose, Cold sealing films Versions for: Polyolefin shrinkable films, HDPE, laminated films	
FILM WIDTH CAPACITY		500 mm (op. 700/1000 mm) (19.5") (op. 27.5/39")	
MAXIMUM ROLL DIAMETER		300 mm (12")	
CORE DIAMETER		76 mm (3")	
ELECTRICAL SPECIFICATIONS	Voltage	230 / 400 V Three-phase $\pm 10\%$ + Neutral + Ground - 50/60 Hz	
	Power consumption	4 kW - 8 Amp. / 400 V. • 14 Amp. / 230 V. (standard version)	
PNEUMATIC CONSUMPTION		From 0 to 50 l/m (0 to 1.75 CFM) / 6 bar (90 PSI) (depending on version and options)	
APPROXIMATE WEIGHT		1100 kg (2420 lb)	

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:

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Global Packaging



ULMA C y E, S. Coop.
B° Garibai, 28 - Apdo. 145
20.560 OÑATI (Gipuzkoa) SPAIN
Tel.: +34 - 943 73 92 00
Fax: +34 - 943 78 08 19
Web: www.ulmapackaging.com
e-mail: info@ulmapackaging.com

FR 305
Flow Pack

Horizontal flow wrapping machine



The new FR 305 is the result of ULMA's commitment to innovation and technological development. This ongoing process has given rise to the new FR 305 as part of the range of rotary jaw packaging machines.

The new FR 305 substitutes the previous family of bottom film rotary jaw packaging machines, adding to the experience, strength and proven reliability of the previous models, the latest technological developments.

The new FR 305 features all these characteristic strength, reliability, and operation simplicity of the ULMA machines, together with an ergonomic cantilever design that makes cleaning and sanitizing easier. Added to these well known characteristics of ULMA machines, the new model also features very high flexibility for the different format changeovers thanks to the state of the art industrial PC electronic platform.

All these features make the FR 305 the ideal machine that will fulfil the needs of customers requiring to pack irregular products or products that are difficult to transport.

TECHNICAL FEATURES

- ▶ Electronic packaging machine powered with independent motors synchronised electronically.
- ▶ Machine is built on 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.
- ▶ Left to Right operating direction.
- ▶ In-feed conveyor is 2 meters long (in the standard configuration).
- ▶ Easy access reel holder that simplifies the loading of heavy rolls.
- ▶ Adjustable film folding box.
- ▶ Longitudinal sealing system by film feeding and sealing rollers, with a height adjustment system providing quick and easy settings.
- ▶ Cross seal is made by rotary sealing jaws with an electronic overload safety switch.
- ▶ Machine parameter settings (bag length, pusher position,...) from touch screen.
- ▶ Machine includes a 5" monochrome touch screen for the user/machine interface, including functions as parameters settings, machine status information, fault diagnostics, etc.
- ▶ Control allows data storage for up to 99 different machines set-ups.

MAIN OPTIONAL DEVICES

- ▶ Wide variety of in-feed conveyor designs is available in variable lengths to accommodate the required lay-out.
- ▶ Wide variety of auto feeding systems.
- ▶ "No Product – No Bag" function.
- ▶ "Misplaced product safety" function.
- ▶ Print registration photocell.
- ▶ Right to Left oriented machine.
- ▶ Stainless Steel version suitable for wet environments.
- ▶ Shrink film version.
- ▶ D-cam type jaw version for laminated films.
- ▶ Wide variety of printing equipment.

FR 305



"No Product-No Bag" function detection photocell at in-feed conveyor



Reel holder design for an easy access for reel handling



Longitudinal sealing system by means of Top sealing rollers



Cross sealing system by rotary sealing head



Electronic machine with Touch screen control panel



Shrink Film version