

### 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>	Length	120 mm - ∞ (5" - ∞)
	Width	10 - 250 mm (1/2" - 9.75")
	Height	5 - 120 mm (1/4" - 4.68")
SPEED <small>(all maximum and minimum dimensions can not attain maximum speed)</small>		Up to 30 - 40 packs / min. - 12 m / min. <small>(dependent on product type, dimensions, and film type)</small>
PACKAGING MATERIAL		Barrier laminated film (OPA/PE or similar) BDF Shrink Barrier Film SES Stretch Shrink Film
FILM WIDTH CAPACITY		700 mm (27.3")
MAXIMUM ROLL DIAMETER		300 mm (12")
CORE DIAMETER		76 ± 5 mm (152 ± 5 mm) - 3 ± 1/4" (6 ± 1/4")
ELECTRICAL SPECIFICATIONS	Voltage	230/400 V. Three-phase +N +T 50/60 hz.
	Power consumption	4KvA. at 400V (Depending on version and options)
PNEUMATIC CONSUMPTION		100 l/min. / 6 bars. (3,5 CFM at 90 PSI)
APPROXIMATE DIMENSIONS (LXAXH)		4700 - 4200 mm x 1150 mm x 1700 mm (183.3 - 163.8" x 44.85" x 66.3")
APPROXIMATE WEIGHT		900 Kg (1985 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.

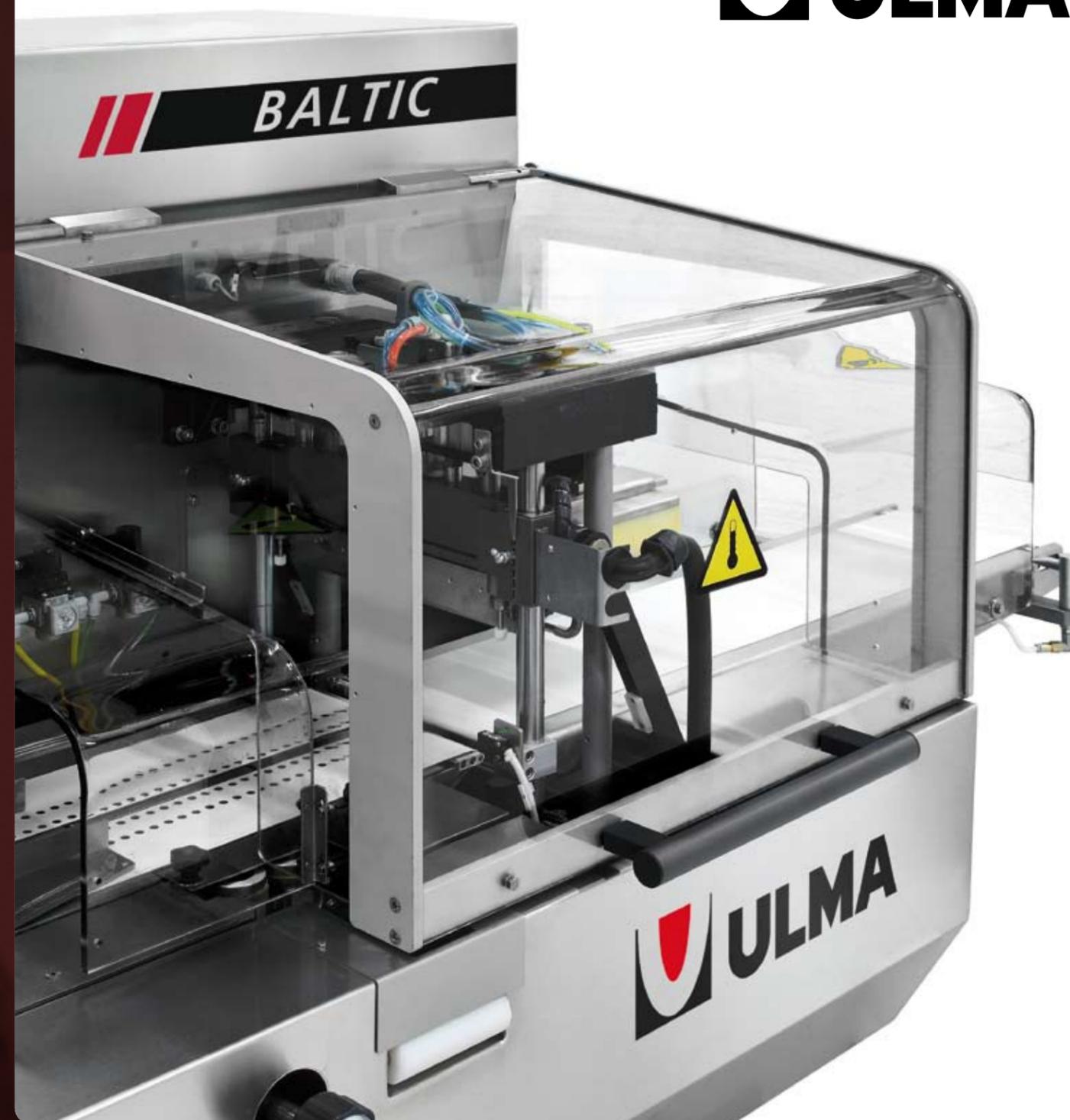
50 years of progressing, innovating and perfecting our technology and services. A wide network at your service to offer you solutions all over the world and to give full satisfaction to anyone who places his trust in us.

For more information, please see our website:

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

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BALTIC  
Flow Pack

# Horizontal flow wrapping machine



The new BALTIC family is the result of the ULMA commitment with innovation and the technological development.

The BALTIC family offers an entry level solution that opens doors to packaging of Fresh Food products with very competitive investment levels. The family offers a wide variety of versions and solutions for the different types of films (barrier laminated films, BDF shrink barrier film, SES stretch shrink film ...) and it is available as a Top reel machine or as a Bottom reel machine.

The state of the art electronic technology applied together with the latest development in packaging technologies, added to ULMA's more than 40 year experience in packaging machinery has turned into the ideal entry level packaging machine for MAP applications.

## TECHNICAL CHARACTERISTICS

- ▶ Electronic packaging machine powered with independent motors synchronised by a motion control system.
- ▶ Machine is built on a stainless steel frame in a cantilever execution, to avoid dirt and dust accumulation and allowing an optimum cleaning and hygiene.
- ▶ The longitudinal seal is created by a set of sealing and pulling rollers, and it has been specifically designed to obtain airtight seals.
- ▶ Cross sealing station provided with an over-pressure system designed to obtain also airtight seals.
- ▶ Reel holder with a self centring fastening system and motorized system for the unwinding of the film.
- ▶ In-feed conveyor 2 meters long fully made in stainless steel and designed for easy cleaning.
- ▶ Gas flushing system.
- ▶ The control panel has a monochrome touch screen for the user/machine interface, which allows 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 ELEMENTS

- ▶ Top reel or Bottom reel versions are available.
- ▶ Different versions for various films (barrier laminates OPA/PE or similar films, BDF shrink barrier film, SES stretch shrink film ...)
- ▶ Photocell for print registration.
- ▶ "On line" residual oxygen analyser.
- ▶ Inline automatic feeding systems.
- ▶ Various types of entry level hot air or hot water shrink tunnels are available (depending on the application).

# Baltic



Reel holder with motorized film unwinding and control panel.



Cross seal station.



Belt type in-feed conveyor.



Specific version for Stretch Shrink Film SES.



Entry level on-line residual oxygen analyzer.



Inverted machine for untrayed products.