

**HARPAK**

**ULMA**

Global Packaging



**ARTIC**  
Flow Pack

# Horizontal flow wrapping machine



# Artic



"Long Dwell" sealing head able to pack at highspeeds



Infeed conveyor designed for easy cleaning



Easy feeding belt removing for cleaning



Packaging machine designed to pack fresh food products with modified atmosphere (MAP) for extended shelf life. The system is used to pack products such as fresh or processed meat, poultry, pizza, fish, pasta or cheese in MAP. The shelf life is extended as the product is packed in a hermetically sealed pack with a mixture of protective gases inside it.

The new Long Dwell sealing head is characterised by an "oval" motion profile in the jaw, which assures packs with perfectly hermetic seals at high production speeds. This new sealing head, together with the state-of-the-art electronic technology and a hygienic design, turn this ARTIC family into the ideal machine to meet the demands of the food industry.

The modular design of the machine allows us to offer a wide variety of versions and solutions: Top Reel and Bottom Reel machines, different versions for different barrier films (laminated films, shrink barrier film "BDF", etc...).

#### TECHNICAL FEATURES

- ▶ Electronic packaging machine powered with independent motors synchronised by a motion control system.
- ▶ Machine design is specially adapted to make cleaning of machine easy, and to keep the machine in optimum hygienic conditions.
- ▶ 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.
- ▶ Long Dwell cross sealing station specially designed to obtain hermetic seals at high speed when using barrier films.
- ▶ Longitudinal seal is created by a set of sealing rollers designed to guarantee hermetic seals.
- ▶ Reel holder with pneumatic 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 touch-screen for the user/machine interface, that allows various parameter setting for each product (bag length, speed, temperatures, etc...).
- ▶ The "No product - No Bag" and "Misplaced product safety" functions are standard in this machine.

#### MAIN OPTIONAL DEVICES

- ▶ Sanitary version. This version is manufactured with high degree stainless steel materials and it has been designed to avoid dirt accumulation and the sanitary cleaning of the machine.
- ▶ Top Reel and Bottom Reel versions.
- ▶ Versions for various films (barrier laminated film, shrink barrier film "BDF", ...)
- ▶ Photocell for print registration.
- ▶ "On line" residual oxygen analyser with automatic gas flow regulation.
- ▶ Inline automatic feeding systems.



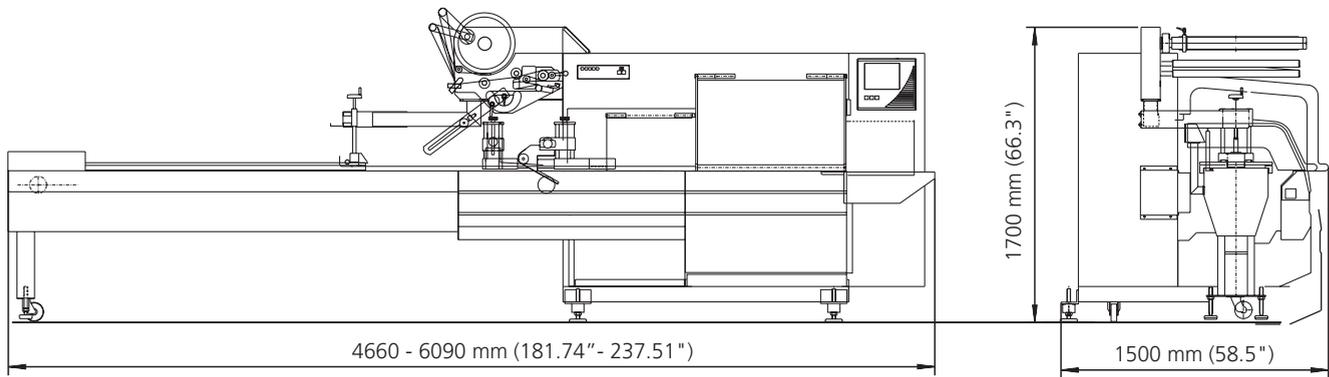
Automatic feeding conveyor



Pneumatic fastening reel holder and motorized film unwind



Shrink tunnel



## TECHNICAL SPECIFICATIONS

<b>PRODUCT DIMENSIONS:</b> <i>(All maximum or all minimum dimensions may not be attainable at the same time)          (Consult ULMA for other dimensions)</i>	Length	75 mm - ∞ (3" - ∞)
	Width	10 - 240 mm (op. 360 mm) (1/2" - 9.36") (op. 14")
	Height	10 - 160 mm (1/2" - 6.24")
<b>SPEED</b>	<i>(all maximum and minimum dimensions can not attain maximum speed)</i>	Up to 120 packs/min. – 30 m/min. <i>(dependent on product type, dimensions, and film type)</i>
<b>PACKAGING MATERIAL</b>		Barrier laminated film (OPA/PE or similar) BDF Shrink Barrier Film, Optionally Shrink polyolefins and low density polyethylene (LDPE)
<b>FILM WIDTH CAPACITY</b>		700 mm (op. 900 mm) (27.3") (op. 35")
<b>MAXIMUM ROLL DIAMETER</b>		350 mm (14")
<b>CORE DIAMETER</b>		76 ± 5 mm (152 ± 5 mm) - 3" ± 1/4" (6" ± 1/4")
<b>ELECTRICAL SPECIFICATIONS</b>	Voltage	(230/400 V. Three-phase + N + T 50/60 hz.)
	Power consumption	6KvA. at 400V (Depending on version and options)
<b>PNEUMATIC CONSUMPTION</b>		100 l/min. / 6 bars. (3,5 CFM at 90 PSI)
<b>APPROXIMATE DIMENSIONS (LXWXH)</b>		4660 - 6090 mm x 1500 mm x 1700 mm (181.74 - 237.51" x 58.5" x 66.3")
<b>APPROXIMATE WEIGHT</b>		1500 Kg / 3300 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)



# HARPAK ULMA

Harpak-ULMA Packaging, LLC. • 175 John Quincy Adams Road • Taunton MA 02780 • 800-813-6644

[www.harpak-ulma.com](http://www.harpak-ulma.com) • [info@harpak-ulma.com](mailto:info@harpak-ulma.com)