



TECHNICAL SPECIFICATIONS

PRODUCT DIMENSIONS: <i>(All maximum or all minimum dimensions may not be attainable at the same time) (Consult ULMA for other dimensions)</i>	Seal jaw diameter	Ø 144 mm (5.7")	Ø 200 mm (7.9")
	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	<i>(all maximum and minimum dimensions can not attain maximum speed)</i>	Up to 400 packs/min. - 45 m /min. (148' /min.) <i>(dependent on product type, dimensions, and film type)</i>	
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 mm) (19.5") (op. 27.5")	
MAXIMUM ROLL DIAMETER		300 mm (12")	
CORE DIAMETER		76 mm (3")	
ELECTRICAL SPECIFICATIONS	Voltage	230 / 400 V Three-phase ±10% + Neutral + Ground – 50/60 Hz	
	Power consumption	8 kW - 16 Amp. / 380 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.

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ATLANTA Hi-tech Flow Pack

Horizontal flow wrapping machine



ATLANTA HI-tech is the highest technology model of ULMA's (HFFS) horizontal form fill and seal packaging machines. It integrates a multi-axis servo motor system with an electronic control capable of synchronizing its 3 main drives. This electronic control gives the machine great versatility, product size flexibility, while providing superior dynamic movement.

The ATLANTA HI-tech features common characteristics of the ATLANTA series, such as strength, reliability, and ergonomic design, which provides for easy cleaning and maintenance. All these characteristics permit the achievement of outstanding performance and productivity. ATLANTA HI-tech offers the possibility of integrating many automatic, and semi-automatic feeders.

ATLANTA HI-tech is a HFFS machine capable of meeting the most stringent demands, both in manually fed lines, and in automatic lines, where a high performance packaging machine is required.

TECHNICAL CHARACTERISTICS

- ▶ An electronic machine, provided with 3 independent servo motors (rotary jaws, film feed drive, and infeed conveyor) synchronized with a multi-axes electronic control.
- ▶ Cantilever construction: for easy cleaning and maintenance, with easy access to mechanical and electronic components.
- ▶ Left to right hand machine direction.
- ▶ Rotary cross seal jaws with an electronic load-limiting device.
- ▶ 3 pairs of sealing rollers for longitudinal sealing and feeding of the film, pneumatically opened.
- ▶ Motorized self-centering film roll holder with offset adjustment.
- ▶ Standard 2 meter infeed conveyor.
- ▶ Adjustable film folder.
- ▶ Bag length cutting speed (elliptical), set via the touch screen control.
- ▶ Touch screen setting of machine parameters, visible operational status and error messages.
- ▶ Memory for data to set-up parameters for up to 50 products.

MAIN OPTIONAL ELEMENTS

- ▶ Different types and various infeed conveyor lengths.
- ▶ Photoelectric system for printed film centering.
- ▶ "No product-no bag" function and security function for misplaced product.
- ▶ Motorized film roll holder with independent motor drive.
- ▶ Motorized setting of cross seal head height.
- ▶ 12" Color screen industrial PC with integrated temperature control.
- ▶ Automatic film roll splicing.
- ▶ Various automatic feeding systems.
- ▶ Right to left oriented machine.
- ▶ Stainless steel version.
- ▶ Version for shrink films.
- ▶ "D" cam version.

Atlanta Hi-tech



Industrial PC panel with color graphics



Cross cut sealing system with 2 jaws per shaft



Longitudinal sealing system with tilting rollers



Double film roll holders with automatic roll splicing



Adjustable film folding box



Photo cell control for "no-product no-bag" function