



Item # HANAGATA L18, Automatic L-Sealer

QUOTE



Automatic L-Sealer

The ARPAC HANAGATA L-SERIES Automatic L-Sealer offers you the latest in shrink packaging technology, featuring a proprietary design that provides fast, user-friendly and reliable operation. Developed by Hanagata and ARPAC, pioneers in automatic L-Sealer technology, the flexible ARPAC HANAGATA L-SERIES is guaranteed to provide you with high quality packaging for retail display. This exclusive distribution partnership brings Hanagata's packaging innovations to North America with US based service and support.

Mode of Operation

The product is automatically or manually loaded onto the infeed conveyor of the wrapper. The conveyor belt moves the product into the tube of film formed by the film former. A guide located at the back side of the infeed conveyor guides the product as it travels through the film former. The machine detects the product and starts the powered film unwind feeding film. This eliminates any film tension against the product.

The product in the film tube then continues into the L-seal area. When the product clears the seal bars the discharge conveyor stops and the seal bars close, sealing and cutting the film around the product. If another product enters the infeed conveyor and the seal bars are closed the infeed conveyor will stop just before the product contacts the seal bar. After the seal dwell timer times out the seal bars open, the infeed conveyor restarts if it had stopped and the discharge conveyor restarts transferring the product sealed in film onto the customers conveyor or an optional tunnel conveyor belt. The scrap film created by the side seal is taken up by a film rewind system located under the discharge conveyor.

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FEATURES

- Welded steel frame in a compact size for space efficiency.
- Guillotine style hot knife seal bar design.
- Single point adjustment seal height with automatic seal cylinder stroke limiting.
- "Seal Height Calibration Sequence" automatically determines proper seal head cushioning.
- 45-90 FPM variable speed conveyor.
- Soft start by AC frequency control.
- Allen Bradley MicroLogix PLC and color touch-screen interface.
- Continuous product staging infeed.
- Easy load film cradle with on demand power film feed.
- Perforator wheel hole punch (pneumatic hole punch optional).
- Film pinch roller is positioned ahead of seal head eliminating film breaks/tears.
- Scrap film trim removal by rewind system.
- Casters with adjustable legs.

Guarding and Finish

- All working areas are guarded with clear polycarbonate hinged doors with electrical interlocks.
- Gray Powder Coated Finish is the ARPAC Standard

OPTIONS

- 480V Conversion 480V/240V 1.5kVa, step-down transformer single phase (Available in field retro kit form)
- 2" Seal Height Extension increases actual seal jaw opening to 8" (not compatible with closing conveyor option)
- Auxiliary E-Stop
- Auxiliary infeed control relay (Available in field retro kit form)
- Closing conveyor - factory installed (Add 4 to 6 weeks to delivery time)
- Infeed product guide (Available in field retro kit form)
- Lower film cradle (Available in field retro kit form)
- Machine status beacon (red - stop or fault, green- run)
- Pneumatic hole punch (Available in field retro kit form)
- Print registration (Available in field retro kit form)
- Reverse flow (L to R) (Call for delivery time)
- Stainless steel finish, food grade belting (Call for delivery time)
- Vertical photo eye
- Food approved infeed and discharge belts
- 6' belted infeed conveyor (Available in field retro kit form, add 4 to 6 weeks to delivery time)
- 6' lugged infeed conveyor (Available in field retro kit form, add 4 to 6 weeks to delivery time)
- 6' variable speed belted infeed conveyor with right angle indexer (Available in field retro kit form, add 4 to 6 weeks to delivery time)
- 11' belted infeed conveyor (Available in field retro kit form, add 4 to 6 weeks to delivery time)
- 10' lugged infeed conveyor (Add 4 to 6 weeks to delivery time)
- 6' long by 2" high paper guides (Available in field retro kit form)
- 10' long by 2" high paper guides (Available in field retro kit form)
- Centerfolder 52" (Available in field retro kit form, add 4 to 6 weeks to delivery time)
- VT122248 Vision shrink tunnel
- VT122272 Vision shrink tunnel
- ARPAC Polyethylene seal bars
- Mushroom insert PVC seal bars
- UL approved electrical panel
- Sealstrip Peelwrap Applicator
- Model L18 Minimal Spare Parts Kit
- Model L18 Standard Spare Parts Kit
- Model L18 Full Spare Parts Kit

MACHINE SPECIFICATIONS

Speed ¹	Max. packaging speed: 40 PPM based on 7" W x 4" L x 1" H product Variable conveyor speed: 45-90 FPM
Electrical Power Requirements	200-220V (AC), 1Ph, 60Hz, 15A
Pneumatic Power Requirements	80 psi, 1 SCFM
Gross Shipping Weight	1170 lb

¹ Production speed depends on product size, stability, and film characteristics.

PRODUCT SPECIFICATIONS

Width (across machine) ¹	1 1/2 to 15 in
Length (flow direction) ²	4 to 18 1/2 in
Height Range ³	1/4 to 6 in
Seal Dimensions	17 3/4" W x 19 1/2" L
Max. Package Weight	25 lb

¹ Package maximums cannot occur together

² Package maximums cannot occur together

³ Package maximums cannot occur together

FILM SPECIFICATIONS

Film Roll Diameter	11 1/2 in
Film Type	Center Folded
Film Centerfold Maximum Width	up to 24 in
Other Film Specifications	"B" wind Sizing formula: $W + H (1" \text{ min.}) + 3" = \text{CF film width}$. For products over 3" high, use $W + H + 4 = \text{CF film width}$.

COMPETITIVE ADVANTAGES

User-Friendly Control Panel	Automatic L-Sealer includes user-friendly control panel. 
User-Friendly Color Touch Screen Operator Interface	Automatic L-Sealer includes user-friendly color touch screen operator interface. 
Innovative Pinch Roller Design	An innovative pinch roller design gently pulls "raw" film ahead of seal bar. Film breaks are eliminated on even the lightest film gauges. Precise control of the film web reduces film width requirement for most products. 
Stroke Limiting Adjustable Seal Height	A single adjustment provides a centered seal for best product appearance, while limiting sealhead stroke for the fastest production speeds. A proprietary "Seal Height Calibration Sequence" measures seal head height and automatically determines proper seal head cushioning for all seal heights. 
Guillotine Style Seal Head	A Guillotine style seal head provides consistent seal strength for all product profiles. Vertical movement using linear shafts, bearings and reciprocating chains, is proven to be a superior sealing method eliminating the scissor action and linkages associated with pivot style systems. 

VIDEO

SPECIFICATIONS

Delivery Times	2-12 weeks depending on options
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