



Item # ARPAC ARROW, Intermittent Motion Side Seal Wrapper

QUOTE



Intermittent Motion Side Seal Wrapper

The ARPAC ARROW intermittent motion side seal wrapper offers you the latest in shrink packaging technology, featuring a proprietary design that provides fast, user-friendly and reliable operation. The ARROW's versatility picks up where the Automatic L-Bar Series leaves off. Capable of running product as short as 2", up to infinite length and up to 6" high. This flexible, low maintenance system is guaranteed to provide you with high quality packaging for retail display. It will accept randomly fed product, and intermixed lengths within its speed range. The system does not require precise spacing like a continuous motion wrapper. This simplifies infeed requirements.

Mode of Operation

The product is manually loaded onto the infeed conveyor of the ARPAC ARROW Side Seal wrapper. The conveyor belt moves the product into the tube of film formed by the film former. The machine detects the product and starts the powered film unwind, eliminating any film tension.

The product in the film tube continues into the seal area. When the product clears the seal bar the discharge conveyor stops and the seal bar closes, sealing and cutting the film around the product. If another product enters the infeed conveyor and the seal bar is closed the infeed conveyor will stop just before the product contacts the seal bar. The seal bar opens, the infeed conveyor restarts if it had stopped, and the discharge conveyor transfers the product onto the customer's conveyor or 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.

The tunnel conveyor moves the product through the heat chamber where heated air circulates around it. This shrinks the film evenly and tightly around the product. The product then exits the tunnel and moves onto the customer's conveyor to complete the packaging cycle.

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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 using 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.
- Non-Contact Radiant Heat Side Sealer for polyolefin, PVC and LDPE
- Scrap film trim removal by rewind system.
- Casters with adjustable legs.
- One fully illustrated comprehensive operation and maintenance manual.

Guarding and Finish

- All working areas are guarded with clear polycarbonate hinged doors with electrical interlocks.
- Powder coated paint is ARPAC Standard

OPTIONS

- 6' belted infeed conveyor
- 6' flighted infeed conveyor
- 6' variable speed belted infeed conveyor with right angle indexer
- 11' belted infeed conveyor
- 10' flighted infeed conveyor
- 6' long by 2" high Paper guides
- 10' long by 2" high Paper guides
- Infeed Product Guide Product
- Lower Film Cradle
- Pneumatic Hole Punch
- Print Registration
- UL/CSA Listed Panel
- 480 Volt Conversion
- Auxiliary E-Stop
- Auxiliary Infeed Control Relay

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	230V (AC), 1Ph, 60Hz, 15A
Pneumatic Power Requirements	80 psi, 1 SCFM
Gross Shipping Weight	1600 lb

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

PRODUCT SPECIFICATIONS

Width (across machine) ¹	1 1/2 to 19 in
Length (flow direction) ²	4 and up in
Height Range ³	1/4 to 6.5 in
Seal Dimensions	21 1/2" W x seal bar width
Other Product Range Specifications	1 1/2" length minimum with stoke limit feature Package width + height cannot exceed 21 1/2"
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 30 in
Other Film Specifications	<p>"B" wind Sizing formula: $W + H (1" \text{ min.}) + 3" = \text{CF film width}$. For products over 3" high, use $W + H + 4 = \text{CF film width}$.</p>

VIDEO

SPECIFICATIONS

Delivery Times	4-6 weeks
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