



Item # ARPAC TS33CF, Continuous Motion Side Seal Horizontal Wrapper

QUOTE



Continuous Motion Side Seal Horizontal Wrapper

The TS33CF is a continuous motion, side seal horizontal wrapper designed to package oversized retail items and industrial goods at speeds up to 60 packages per minute.

The TS33CF utilizes up to 33" wide centerfolded polyethylene, polyolefin or PVC shrink film. Designed with an inverting head, the TS33CF can shrink wrap large products such as oversized mailing envelopes, knock-down boxes, shutters and desk pads.

With a oversized 28" wide seal bar, the TS33CF wraps packages of infinite length and products up to 12" high with an easy-to-change product height adjustment system.

A unique side sealing system provides close sealing proximity to the product being wrapped, keeping package graphics distortion-free. The sealer welds and then cuts the film, producing strong, attractive trim seals.

The TS33CF handles a variety of package configurations, with simple tool-less changeovers. Bag lengths are easily adjusted and the machine will automatically stop when product is missing.

The TS33CF is easily integrated into most production environments, offering years of reliability and enhanced product throughput.

Mode of Operation

The product is automatically or manually loaded into the lugs on the infeed conveyor of the wrapper. The lugs move the product into the tube of film formed by the film inverter. The machine detects the product and starts the powered film unwind feeding film, eliminating any film tension against the product.

The product in the film tube then continues through the side seal unit and into the seal bar area. When the trailing edge of the product clears the seal bars, the seal carriage starts moving forward and the seal bars close, sealing and cutting the film around the product. After the seal dwell timer times out the seal carriage returns to its home position and the seal bars open. The product does not stop at any time during the sealing process and continues onto the customer's conveyor or an optional tunnel conveyor belt. The scrap film created by the side seal is taken up by a film rewind system located on the front side of the machine.

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APPLICATIONS

Artwork &supplies

Bakery products

Desk pads

Knock-down boxes

Large toys &games

Multipacks of facial tissue

Oversize envelopes

Rugs

Shutters

FEATURES

- Welded steel frame in a compact size for space efficiency.
- 10' flighted infeed conveyor.
- Easy load film cradle with on-demand power film feed.
- Powered film unwind.
- Vertically adjustable side seal unit.
- Vertically adjustable film inverter, up to 12" high.
- Laterally adjustable film inverting head conveyor.
- Laterally adjustable side seal primary conveyor.
- Guillotine style hot knife seal bar design.
- Horizontal side seal unit
- Film pinch roller is positioned ahead of seal head eliminating film breaks/tears.
- Scrap film trim removal by rewind system.
- Allen Bradley MicroLogix 1400 controller
- Allen Bradley PanelView 600 Plus operator interface.
- NEMA 12 main electrical cabinet.
- Electrically interlocked Lexan guarding surrounding cross and side seal areas.
- Central lubrication with nylon tubing.

Guarding and Finish

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

OPTIONS

- Dual pneumatic hole punch (recommended for polyethylene film)
- 20' lugged infeed in place of std. 10'
- 30' lugged infeed in place of std. 10'
- Additional needle wheels (each)
- Print registration
- 208V electrical
- 208V /380V/575V in place of 240V
- Quick change cross-seal knife for PVC films
- Quick change cross-seal knife for polyolefin films
- Quick change cross-seal knife for polyethylene films
- 66" wide centerfolder
- Easy open perforator wheel assembly
- Air tuckers
- Bottom heated seal pad
- UL/CSA approved main electrical cabinet
- Auxiliary E-Stop
- Model TS33CF Minimal Spare Parts Kit
- Model TS33CF Standard Spare Parts Kit
- Model TS33CF Full Spare Parts Kit

"Z" shaped paper infeed guides in place of standard guides for lugged infeed:

10' Long Infeed

- 2" high paper guides
- 4" high paper guides
- 6" high paper guides

20' Long Infeed

- 2" high paper guides
- 4" high paper guides
- 6" high paper guides

30' Long Infeed

- 2" high paper guides
- 4" high paper guides
- 6" high paper guides

Shrink Tunnel Options

- MPD163090

MACHINE SPECIFICATIONS

Speed ¹	<ul style="list-style-type: none">• Up to 60 packages per minute (based on product specifications)• Output speed: up to 80 linear feet per minute
Electrical Power Requirements	240VAC, 1 Ph, 60Hz, 20A
Pneumatic Power Requirements	80 psi, 5 SCFM

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

PRODUCT SPECIFICATIONS

Width (across machine) ¹	8 to 26 in
Length (flow direction) ²	4 and up in
Height Range ³	1/8 to 12 in
Seal Dimensions	28" Wide Seal Bar
Other Product Range Specifications	Length range given is 4" (w/o bridge) to infinite

¹ Package maximums cannot occur together

² Package maximums cannot occur together

³ Package maximums cannot occur together

FILM SPECIFICATIONS

Film Roll Diameter	up to 14 in
Film Type	Polyethylene Polyolefin PVC
Film Centerfold Maximum Width	up to 33 in
Other Film Specifications	Centerfolded maximum film width

VIDEO

SPECIFICATIONS

Delivery Times	8-10 weeks
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