

MARTIN AUTOMATIC SHPFI LAP SPLICER



The Martin SHPFI Zero-Speed Lap Splicer is designed to handle variable-sized rolls (web-widths) without the need for roll core shafts. This feature enables the splicer to run larger, heavier rolls, while eliminating the need for core shafts. The result is versatility and operator-friendly function.

The SHPFI design eliminates rubber nip rollers while maintaining the simple splice-preparation feature so popular with all Martin splicers. The splice head design offers easy splice preparation of the new roll, and safely places the prepared web in splice position without operator intervention.

The SHPFI is ideally suited for running extensible materials into the web process. The drive/tension control systems complete the splice with essentially no tension disturbances translated to the outgoing material. (Tension disturbances

are a key cause of high waste associated with extensible materials). The low-friction, festoon carriage support system enables us to surpass previous barriers in tension levels and control. The result is accurate control and low tension needed to run extensible materials. Less waste with improved material delivery shows a significant improvement in "bottom line" results.

The SHPFI is designed to fit each application and material specifications. Ideal for extensible films, unsupported foils, nonwovens and tissues, the SHPFI can run larger rolls at higher speeds for improved production.



Martin Engineers Solutions!



Consumer expectations and satisfaction create a demand for quality products. Nonwovens are delivered to the converting process with exact tensions required for application and material.

Martin SHPFI offers:

- Shaftless roll handling
- Easy splice preparation
- Dual cut-off systems
- Short splice tail
- Vector drive controlled spindles
- Pneumatic chucks
- Push-button roll change with running-roll indicators
- Martin Inertia Compensated Tension Control System
- Herringbone grooved, carbon fiber rollers for unsupported foil
- Specially-designed, low-friction festoon
- Direct roll loading
- Automatic roll centering after loading
- Optional E-Z Pass-through web-up

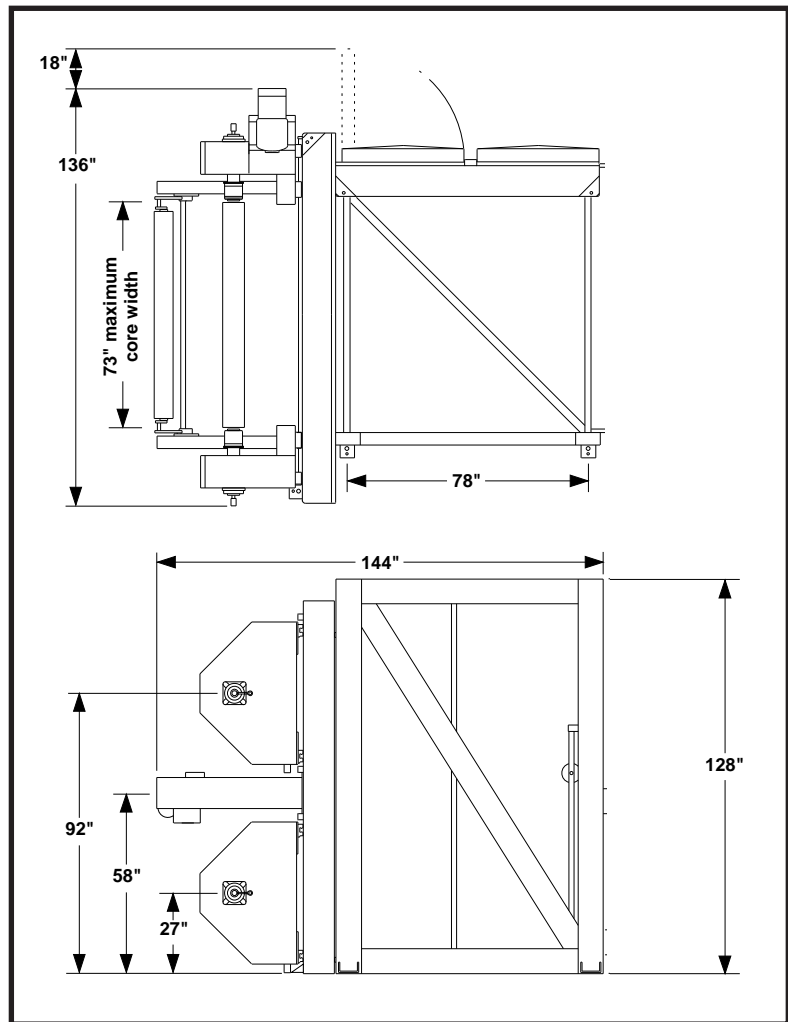
As with all Martin products, the S.H.P.F.I.. is application-engineered to your process. Current web widths are to 65 inches, with splicing speeds of 1200 FPM (based on roll weight and material splicing tension required). Contact Martin Automatic Inc for information.

SPECIFICATIONS

Max. Splicing Speed	1200 FPM
Max. Web Width	Per Application
Min Web Width	20 INCHES
Max Roll Weight	Per Application
Max. Roll Diameter	40 IN. (42 IN. line-to-line)
Material	Films, foils, nonwovens and paper products

UTILITY REQUIREMENTS

Pneumatic	80 PSI
Electrical	Single phase 117 (Three phase, per customer)



Dimensions represent a 65" web width 40" roll diameter, 2800 lb roll weight, 1000 FPM machine. Dimensions vary per application and are for planning purpose only.



Martin Automatic Inc
 1661 Northrock Ct
 Rockford, Illinois 61103, U.S.A.
 Tel: (815) 654-4800 • Fax: (815) 654-4810