

# MARTIN ECHW AUTOMATIC SPLICER

*For light webs requiring accurate tension control*

**I**n response to customers who require the superior performance of a Martin Automatic low-tension splicing system, but have tight budget constraints, we have developed the Model ECHW Zero-Speed Splicer. This complete splicing and unwind system provides the same level of tension control and splicing efficiency that customers have come to expect from every Martin splicer.

Using the principles of Kaizen, we have optimized the mechanical design and further simplified the control system to deliver a reliable and cost-effective zero-speed splicer.

New features include

- Free-standing frame design
- Heat-seal butt splice \*
- Simplified drive transmission
- Simplified, patented MC-2000 Control System, which eliminates the need for conventional drive systems and PLC's
- No mechanical or electrical connections to the existing line are required

\*other splice joins optional



*Martin improves the delivery of delicate materials to the converting process, while consistently providing for production of quality products.*

**M** Martin Engineers  
Solutions!

**M**artin ECHW Offers:

- Simple splice preparation with automatic splice initiation
- Cantilevered Pneumatic Spindles
- Martin's inertia-compensated festoon system providing essentially constant tension across the web
- Ability to unwind rolls in either direction (requires minor adjustments)
- Heat-seal butt splice
- "All-in-one" frame design

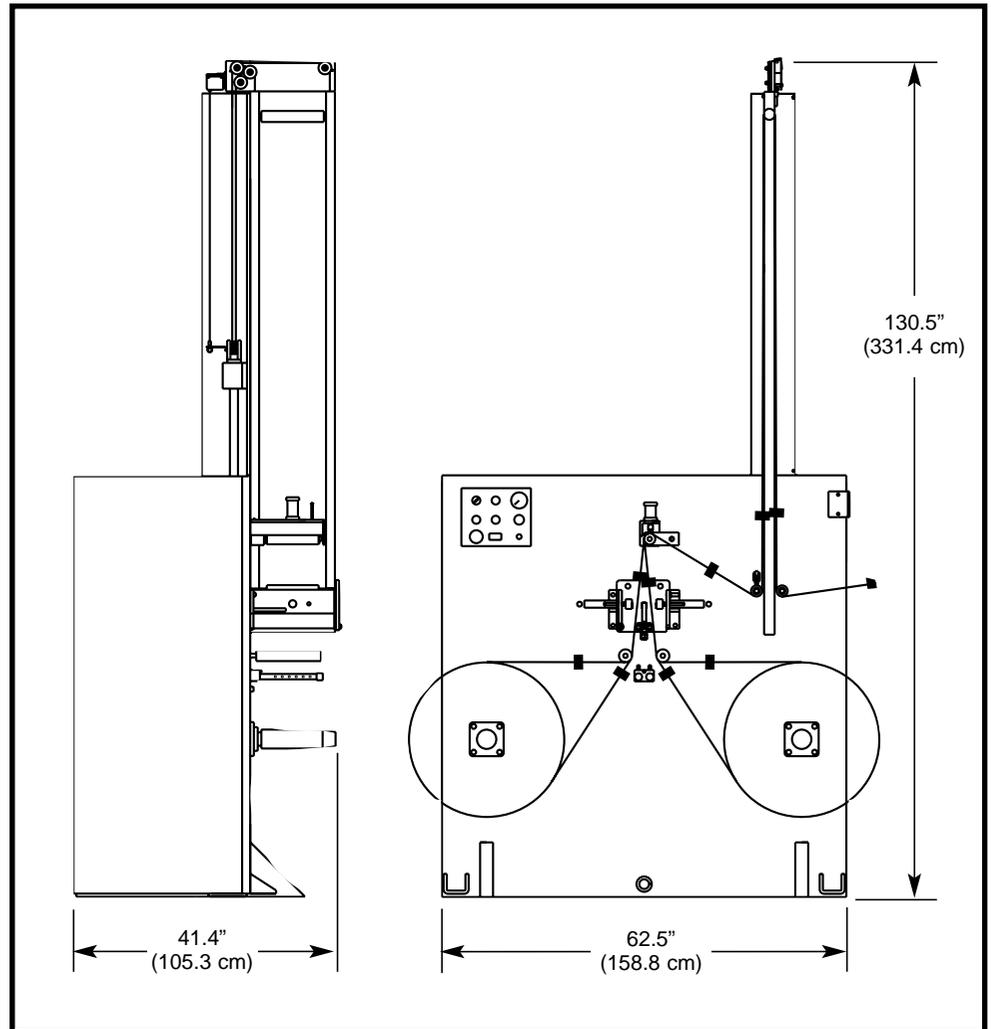
**SPECIFICATIONS\***

<b>Maximum Splicing Speed</b>	250 FPM	75 MPM
<b>Maximum Web Width</b>	6 IN	150 MM
<b>Maximum Roll Diameter</b>	30 IN	760 MM
<b>Maximum Tension</b>	60 LBS	27 KG
<b>Tension Range</b>	.5-2.5 LBS .6 to 6.0 lbs	2.2 - 11N 2.7-26.7N
<b>Material</b>	Heat-bondable nonwovens, films	

**UTILITY REQUIREMENTS**

<b>Pneumatic</b>	80 PSI (5.5 ATM)
<b>Electrical</b>	480 VAC 60 Hz 400 VAC 50 Hz

*\*As with all Martin products, the Narrow-Web Martin ECHW Splicer can be application-engineered to fit each process. Contact Martin Automatic for your specific needs.*



Dimensions shown are for a 6" web width, 30" roll diameter, 250 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  
 www.martinauto.com