

MARTIN AUTOMATIC CHW ZERO-SPEED SPLICER

The CHW is Martin's answer to automatic splicing of non-wovens, tissues and extensible films. Zero-speed splicing, with integrated tension control provides a strong, reliable splice. Zero-speed reduces the chance of missed splices and tension disturbances introduced to the line.

The integrated roll-spindle/splice unit allows in-aisle roll loading and splice preparation. The splice unit has been designed as two separate halves, with one half of the splice unit attached to each roll-spindle structure. The roll-spindle/splice unit extends into the aisle allowing unobstructed roll loading/splice preparation. A pneumatic lift carries the roll back into its running position.

A hot-wire cut-off system replaces the traditional knife cut-off system found on most splicers. This hot-wire system is a safe, clean and reliable alternative. In addition, the CHW

hot-wire system automatically trims the leading edge of a newly prepped web, ensuring a consistent tail-length.

All Martin splicers can be supplied with Martin's patented heat-seal-tailless splicing or standard adhesive style splicing, depending on the demands of your application. Additionally, they can be supplied with Martin controls, specified controls or integrated with existing drive systems.

The CHW is designed to run at tensions as low as .5 lbs total tension. A patented tension control system incorporated with either spindle drives or Martin's unique braking system ensures tension accuracy within .25 lb total variation during running and splicing cycles.



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 Engineers Solutions!**

Martin CHW offers:

STANDARD FEATURES

- Integrated lift and load splice unit
- In-aisle splice preparation
- Hot-wire cut-off system (see options)
- Taped lap splicing
- Low tension

OPTIONAL FEATURES

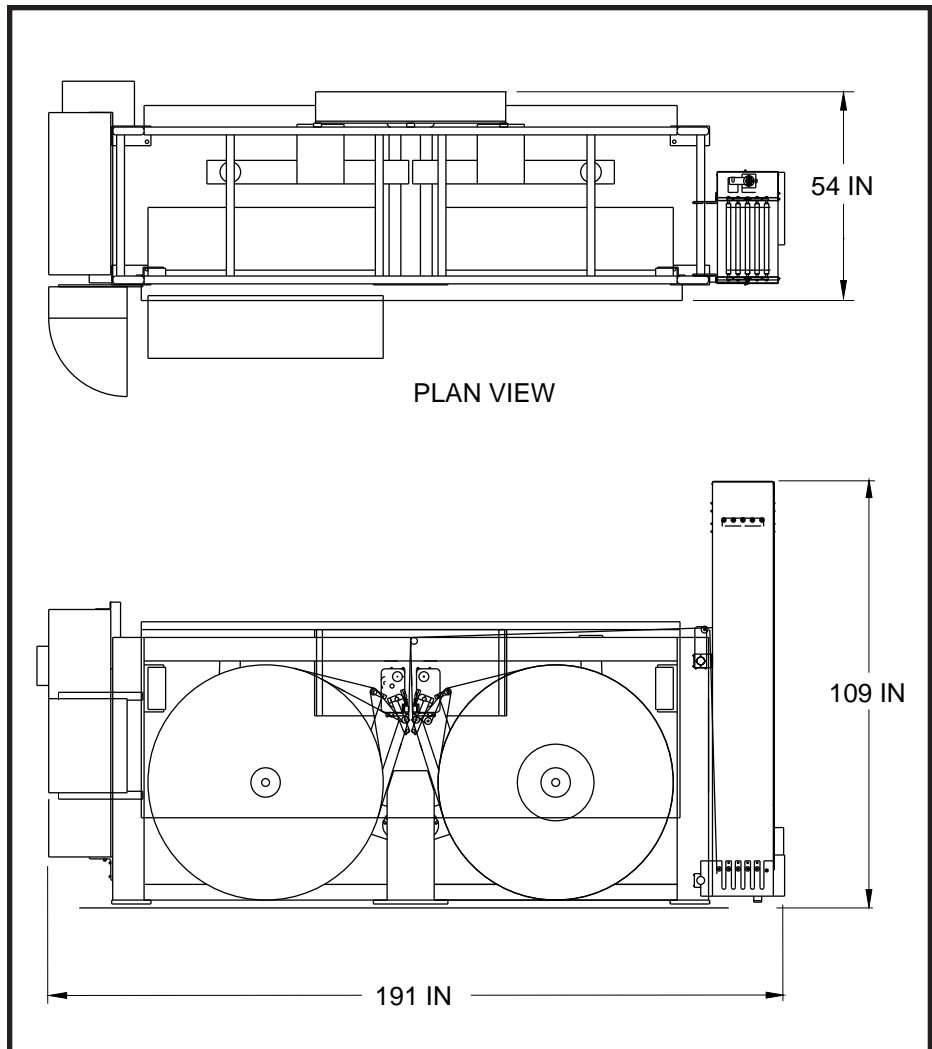
- Heat-seal lap or welded, heat-seal butt
- MC 2000 Controls
- Auto Sidelay
- Manual Sidelay
- In-register splicing capabilities
- Mechanical knife for materials with cellulose (pulp) content
- “Thread-through” festoon
- CE Compliance
- In-register splicing capability

As with all Martin products, the CHW is application-engineered to your process. Current web widths are to 34 inches, with splicing speeds of 1500 FPM (based on roll weight and material splicing tension required). Contact Martin Automatic Inc for information.

SPECIFICATIONS

Maximum Splicing Speed	1500 FPM	457 MPM
Maximum Web Width	34 IN	864 MM
Maximum Roll Diameter	72 IN	1828 MM

Dimensions shown are representative of a 16" web width, 60 inch roll diameter, machine running 1500 FPM. Dimensions vary per application.



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