

Martin Model MBSC Automatic Splicer



Non-stop unwinding
for label converting and
narrow web applications

Martin MBSC Automatic Splicer Offers:

- Patented lift-and-load roll loading
- Capacity for two full-diameter rolls at any time
- Reliable, patented rolling shear splice unit for clean cut-off and tight splices
- Angled butt splice taped both sides
- Bi-directional unwind capability
- Automatic roll sidelay for use with opaque and transparent webs
- Martin inertia-compensated tension control system

Optional Feature:

- Portability package

Typical Specifications

Maximum Splicing Speed	to 500 FPM	152 MPM
Maximum Web Width	to 13 IN	330 MM
Maximum Roll Diameter	to 31.5 IN	800 MM

Utility Requirements

Pneumatic	80 PSI (5.5 ATM) compressed air	
Electrical	Single phase	

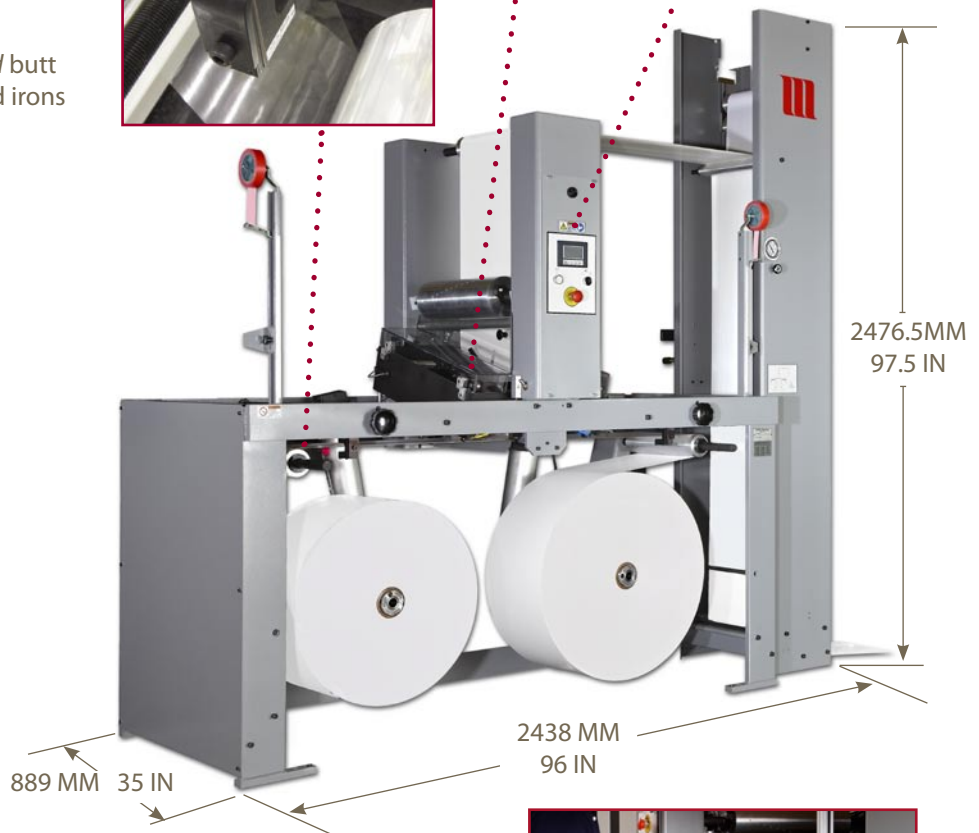
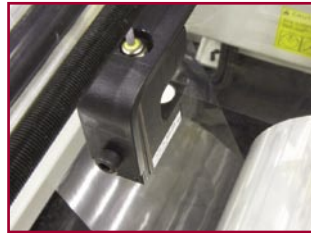


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The benefits of automatic splicing add up to significantly increased productivity, greater quality control and reduced waste. The MBSC applies these benefits to label converting and narrow web applications.

The MBSC is a compact butt splicer that shares the same simplicity, reliability and many of the features of our larger splicers. Design features of the MBSC include:

- **Reliable rolling shear splice unit.** This *patented* butt splice unit simultaneously severs the web and irons tape across the splice, producing a tight bond. The precision shear wheel and anvil mechanism guarantees a clean cut and no overlap. A second rotary nip applies tape to the backside of the splice.
- **Lift-and-load.** A *patented*, built-in roll handling system lifts rolls up to 400 LBS/200 KGS from the aisle, without the need for auxiliary roll loading equipment.
- **Automatic sidelay.** This feature maintains the alignment of the running web to the prepared web in the splice unit. A sensor monitors the position of the running web, and the automatic sidelay system compensates to insure that the webs are aligned at the time of a splice.
- **Inertia compensated tension control.** The festoon features Martin's inertia compensation technology for consistent, accurate tensioning of the web as it enters the process.
- **Automatic splice initiation.** The MBSC monitors the diameter of the running roll and automatically makes a roll change at a pre-set diameter. Alternatively, the *tail grabbing* function initiates a splice as material separates from the core for maximum material usage and minimum waste.



Dimensions shown are representative of standard model MBSC and are for planning purposes only.

Martin Automatic Inc High Performance Splicing, Rewinding and Tension Control Systems

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