

Martin Model MBSC Automatic Splicer

Non-stop unwinding
for label converting and
narrow web applications



Martin MBSC Automatic Splicer Offers:

- Versatile design for films, laminates, light paperboard and other materials
- 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
- Martin inertia-compensated tension control system

Optional Features:

- Dual unwind capability with two-web tension control
- Portability package
- In-register
- Integral turn bar

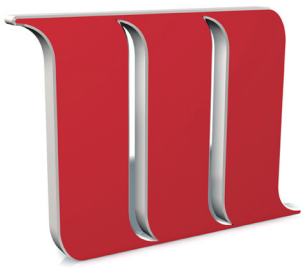
Typical Specifications*

Maximum Splicing Speed	to 600 fpm	182 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

* As with all Martin products, this model is application-engineered to the process. Consult Martin Automatic Inc for more information.

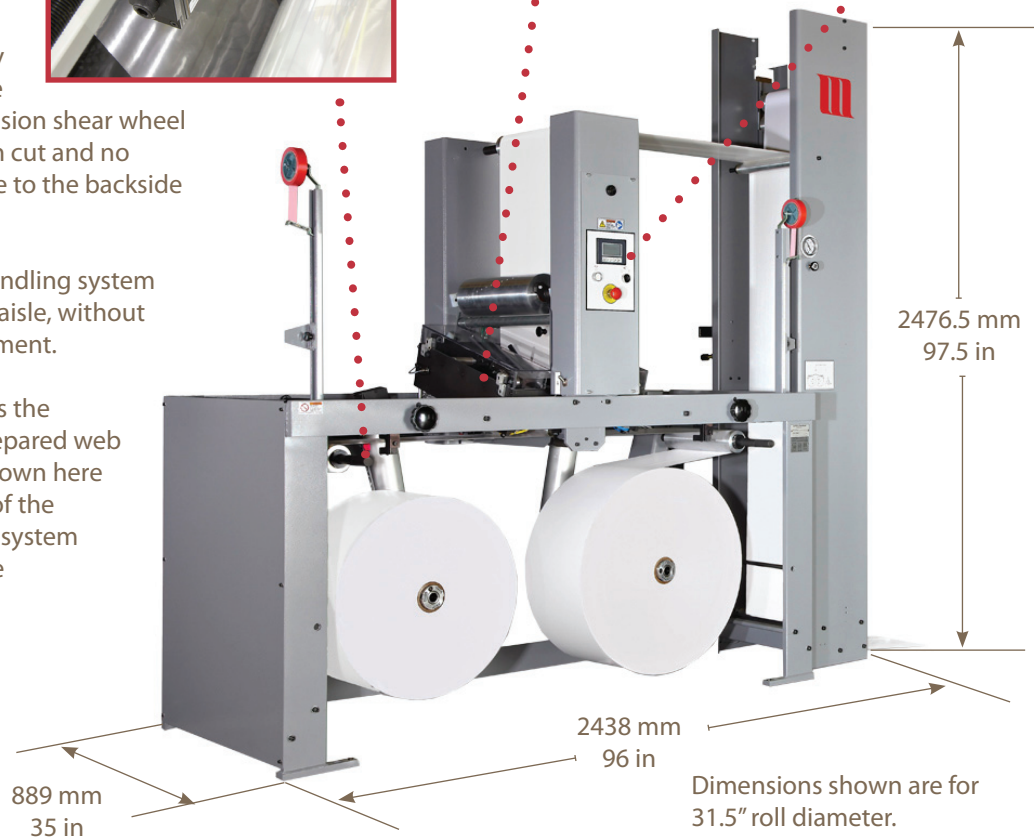


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The benefits of automatic splicing add up to significantly increased productivity, greater quality control and reduced waste. The MBSC applies these benefits to label converting, flexible packaging and narrow web applications.

The MBSC is a compact version of the popular MBS automatic butt splicer and shares the same simplicity and reliability. 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 450 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 (ultrasonic shown here with a clear film) 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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