

Martin Model
MCB
 Automatic Butt Splicer

Non-stop roll changing
 for mid-web to wide-web
 paperboard processes



Martin **MCB** Butt Splicer Offers:

- Reliable, patented rolling shear splice unit for clean cut-off and tight splices
- Angled butt splice taped on one or both sides
- Automatic splice initiation at adjustable roll diameter
- Patented lift-and-load roll loading
- Capacity for two full-diameter rolls at any time
- Switch-actuated pneumatic spindles
- Bi-directional unwind capability
- Automatic roll sidelay for lateral edge alignment
- Martin inertia-compensated tension control system

Optional Features

- Hazardous environment provisions
- In-register splicing for pre-printed or pre-processed webs
- Automatic tailgrabber splice initiation - initiates the splice sequence as the web runs down to or off of the expiring roll core
- Martin Waste Reduction System (WRS) for maximum usage of roll stock – material waste at core may be reduced to less than 6.5 ft (2 m)
- Integrated remote access router for remote machine support

Typical Specifications*

Maximum Splicing Speed	to 2000 fpm	610 mpm
Maximum Web Width	to 56 in	1422 mm
Maximum Roll Diameter	to 84 in	2133 mm

Utility Requirements

Pneumatic	80 psi (5.5 atm) compressed air
Electrical	Three phase

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



Martin Model **MCB** Automatic Butt Splicer

The MCB is an industry standard among mid-web and wide-web printers and converters running paperboard and other materials.

Design features of the MCB 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 5500 lbs/2500 kgs from the aisle, without the need for auxiliary roll loading equipment.
- **Cantilevered unwind.** Unlike traditional end-loading turrets, the side-loading design encloses the rolls safely near floor level and gives the operator an unobstructed view of the process line while loading a roll. Walk-in operator platforms provide easy access for web-up and splice preparation.
- **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.



Martin Automatic Inc

High Performance Splicing, Rewinding, and Tension Control Systems

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