

# Martin Model MCB Wide Web Automatic Butt Splicer

Non-stop roll changing  
for wide paperboard  
processes



## Martin MCB Wide Web 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
- Martin roll handling and laser-assisted loading system
- Capacity for two full-diameter rolls at any time
- Switch-actuated pneumatic spindles
- Bi-directional unwind capability
- Motorized roll sidelay for lateral edge alignment
- Splice unit and spindle diagnostic package
- Martin inertia-compensated tension control system

## Optional features:

- Integrated material handling system for bringing rolls to the splicer, including track for moving, staging, squaring and stripping rolls
- Automatic roll loading
- Automatic core removal
- 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 2200 FPM	670 MPM
Maximum Web Width	to 67 IN	1700 MM
Maximum Roll Diameter	to 84 IN	2133 MM

## Utility Requirements

Pneumatic	80 PSI (5.5 bar) compressed air
Electrical	Three phase

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

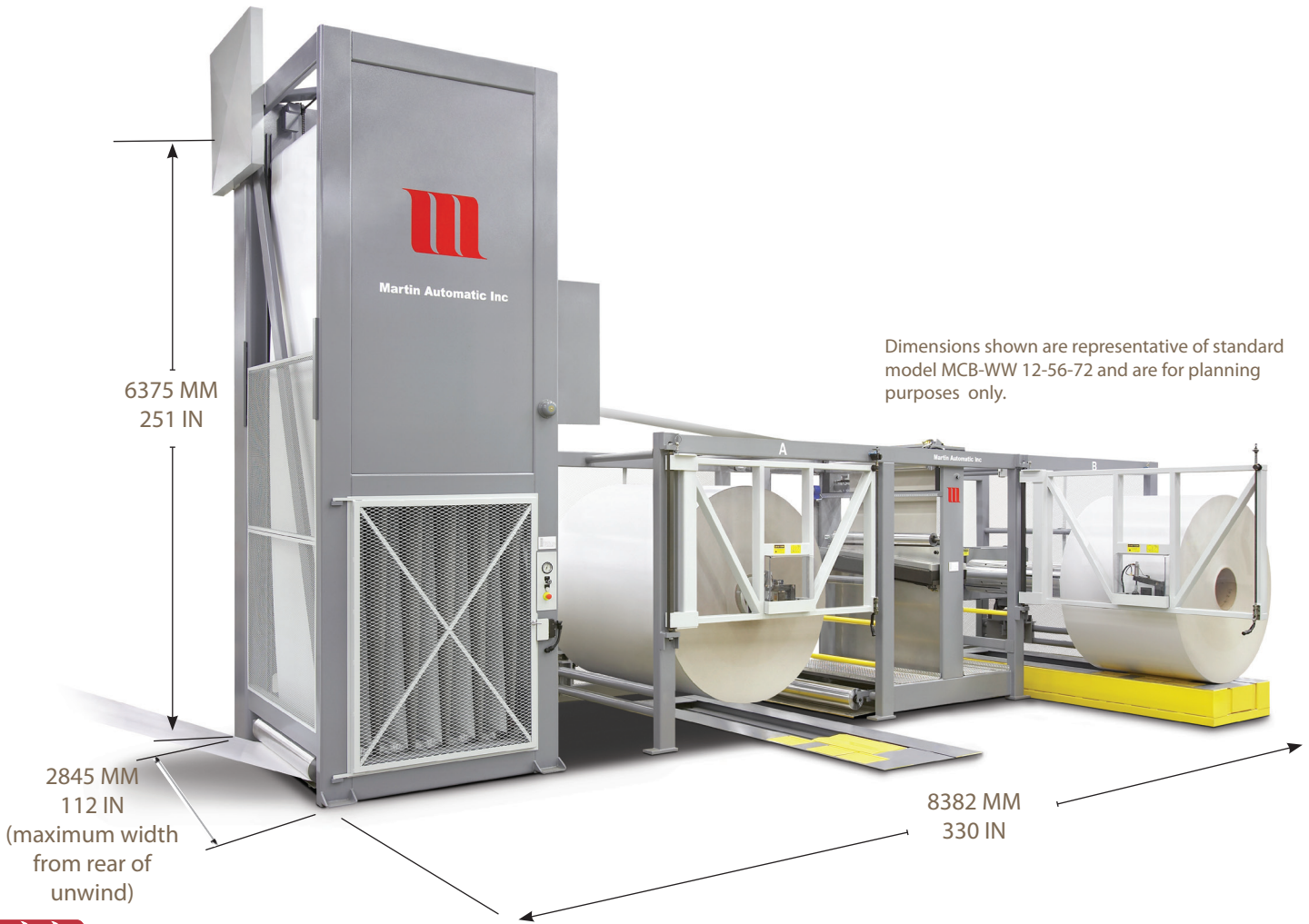


## Martin Model **MCB Wide Web** Automatic Butt Splicer

Elegantly engineered and robustly constructed, the Martin MCB Wide Web automatic butt splicer delivers reliability, safety and ease of use for long-term non-stop productivity.

Design features of the MCB-WW 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.
- **Integral roll loading.** The MCB-WW uses a traversing lift table at each roll position to pick up rolls from the aisle. A laser alignment system assists the operator for easy roll loading.
- **Heavy-duty unwind.** Each cantilevered spindle holds a full diameter roll up to 8000 lbs (3628 kgs). The lift table supports the roll during loading and retracts only after the roll support door is closed.
- **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

[www.martinautomatic.com](http://www.martinautomatic.com)

**Martin Automatic Inc** 1661 Northrock Court Rockford, Illinois 61103 tel +1 815.654.4800 fax +1 815.654.4810

**Martin Automatic Europe GmbH** Sonnenbergstrasse 73 D-74626 Bretzfeld-Dimbach Germany tel +49.7946.942.881 fax +49.7946.942.396

**Martin Automatic Asia-Pacific** P.O. Box 87-781, Taipei, Taiwan 105 tel +886.2.27609886 fax +886.2.27609887