

Martin Model MBEC Automatic Butt Splicer

The Martin MBEC Automatic Butt Splicer is ideal for nonstop roll unwinding in narrow web printing and converting processes. The MBEC delivers many of the features of Martin's other popular automatic roll changers, all in a compact footprint.

Rolls unwind from the cantilevered, pneumatically expanding spindles. The proprietary brake control technology is proven in over 4000 applications worldwide, running film to paperboard.

Roll changes are initiated automatically at a pre-set diameter selected by the operator. Martin's patented splice unit simultaneously severs the web and irons tape across the splice for a superior bond.

The inertia-compensated accumulator, or festoon, provides continuous web feed during the splice cycle and consistent tension control from full roll to core.

The MBEC uses a standard PLC-based control system. Simple splice preparation and few operator controls are typical of Martin's design philosophy, guaranteeing a high level of reliability with minimal maintenance.

Currently available options include automatic backside taping and integrated web guiding.

For more details on the MBEC, and for nonstop roll-to-roll production with a Martin Automatic transfer rewind, speak with your Martin representative.



Martin Engineers Solutions!



From business forms to tag, label, flexible packaging & light board stock, Martin provides patented butt splicing for even the most demanding applications.

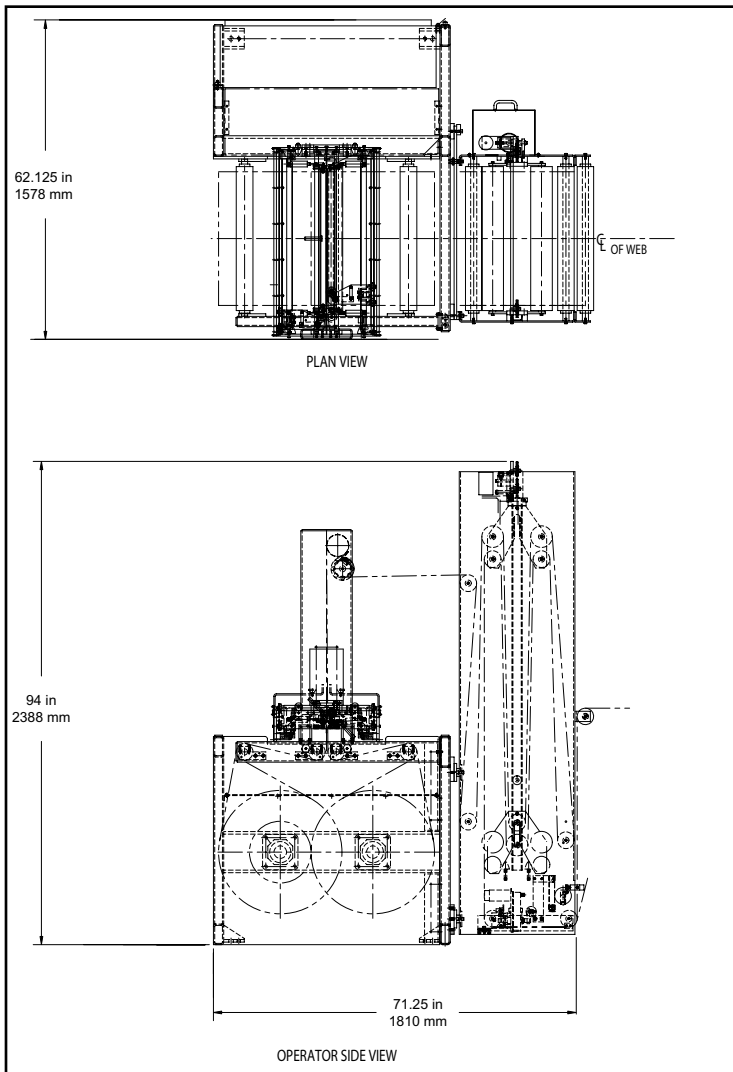
MBEC DIMENSIONS & SPECIFICATIONS

Martin MBEC Butt Splicer Offers:

- Two cantilevered, fixed position, pneumatic spindles with manual inflation
- Martin multiple-roller, inertia-compensated festoon with 4 to 20 pounds total tension
- Plate mount construction
- Martin standard PLC control system
- Martin linear-shear butt splice unit with provision for single side tape (tape application alternates from top to bottom side of web)

Optional Features:

- Automatic backside taping
- Integrated automatic web guide



TYPICAL SPECIFICATIONS

| | | |
|---------------------------------|----------|---------|
| Maximum Splicing Speed * | 1000 FPM | 305 MPM |
| Maximum Web Width | 26 IN | 660 MM |
| Maximum Roll Diameter | 24 IN | 610 MM |

* Machines are designed to meet process requirements. Faster and slower speeds are easily accommodated

UTILITY REQUIREMENTS

| | |
|-------------------|-------------------------------|
| Pneumatic | 80 PSI (5 ATM) compressed air |
| Electrical | Single phase 220 VAC |

As with all Martin products, the MBEC is application-engineered to your process. Contact Martin Automatic Inc for more information.



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