

MARTIN MCB AUTOMATIC BUTT SPLICER



The Martin Cantilevered Butt Splicer (model MCB) is the most recent addition to Martin's family of automatic butt splicers. Combining the advantages and technology from three popular butt splicers (models MB, CECB and MTB), the Martin MCB Splicer is an industry standard among printers and converters who run materials with web widths up to 32 inches.

The Martin MCB Splicer contains two, in-line cantilevered roll spindle assemblies separated by a splice unit and accompanied by a free-standing storage festoon. The patented splice unit delivers angled butt splices with two-inch-wide tape on one or both sides of the splice. The tension-control storage festoon features Martin's inertia-compensated, multiple-roller dancer.

Martin's patented "lift and load system" allows "in-aisle" loading of new stock rolls. At the touch of a button, the spindle assembly traverses out of the unwind stand and extends

through the core of a roll positioned in the "aisle." Spindle inflation, raise/lower, and extend/retract functions are operated from conveniently located control panels. Because rolls are lifted only inches off the floor, there is no need for auxiliary roll-loading equipment, as with roll-over-roll or turret unwind stands.

Operator platforms and a unique "walk-in" splice unit provide easy access to splice preparation and web-up areas. Interlocked Lexan guarding prevents splice initiation during preparation procedures.

Each MCB Splicer can be ordered with "tail-grabber" (optical) and automatic (diameter-calculated) splice initiation capabilities. These splice initiation methods offer incomparable quality and versatility in splicing and waste management. Tail-grabber splicing initiates the splice sequence when the running web runs off the expiring roll core. Automatic splicing initiates the splice when the running roll reaches a pre-set diameter.



Martin Butt Splicers are ideal for board stock or other materials requiring an edge-to-edge (butt) joint.



Martin Engineers Solutions!

Martin MCB offers:

- Diagonal butt splice guaranteeing no overlap (5 degree splice angle)
- Two-inch wide tape on one or both sides of the splice
- Walk-in style splice unit with operator platform
- Manual splice initiation
- Motorized sidelay
- Cantilevered, proprietary pneumatic spindles
- Integrated "lift and load" system
- Traversing roll-spindle assemblies
- Adjustable web tension while running
- Inertia-compensated festoon storage system
- Web break detection
- Bi-directional unwind capability
- Air-cooled, Martin brake system
- Fits in the same space as a turrett

Optional Features

- Automatic splice initiation via roll diameter calculation or "tailgrabbing"
- Automatic tension reduction on press-supplied signal
- In-register splicing
- Automatic sidelay

As with all Martin products, the Martin MCB Splicer can be application-engineered to fit each process. Contact Martin Automatic for your specific needs.

SPECIFICATIONS

Maximum Splicing Speed*	1200 FPM	365 MPM
Maximum Web Width	40 IN	1016 MM
Minimum Web Width	13 IN	406 MM
Maximum Roll Weight	5000 LBS	2272 KG
Maximum Roll Diameter	72 IN	1828 MM
Internal Core Diameter	6 & 12 IN STD. 152 & 304 MM	

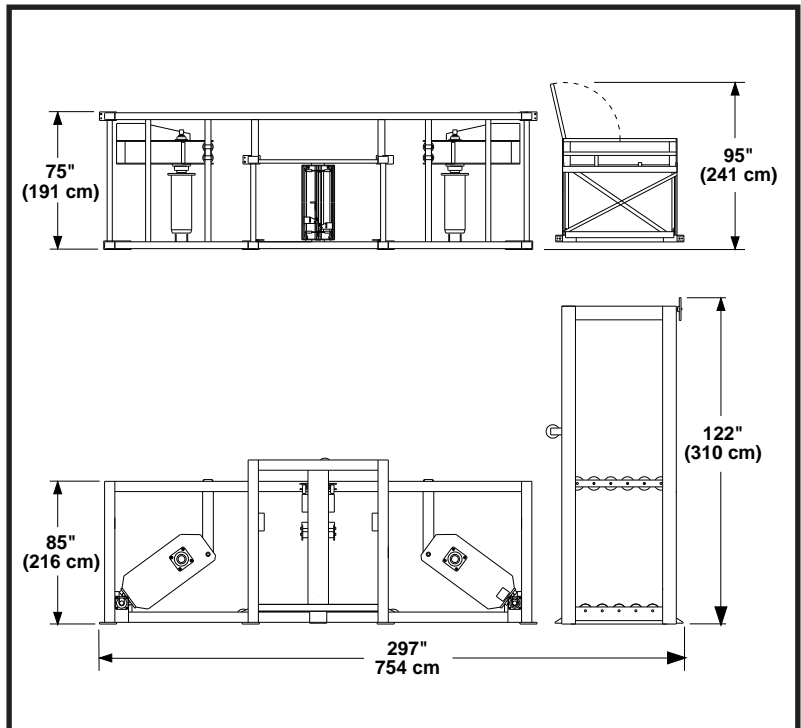
Material

Tag and label, paper and board stock

* Speeds up to 1500 FPM (457 MPM) available.

UTILITY REQUIREMENTS

Pneumatic	80 PSI (5.5 ATM)
Electrical	Three phase (per customer)



Dimensions shown are representative of a 700 FPM, 26 in. web width, 72 in. diameter, 2600 lb. roll weight machine. Dimensions vary per application and are for planning purpose only.



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