

Martin Model **STS** Automatic Splicer



Non-stop unwinding
for label converting,
packaging and narrow
web applications

Martin **STS** Automatic Splicer Offers:

- Manual pneumatic spindle chucking
- Angled splice taped on bottom side or both sides of web
- Festoon with pneumatically adjustable tension
- Martin standard PLC control system

Optional Features:

- Straight-across splice unit
- Heatseal overlap splice unit for film or laminated materials
- In-register splicing of preprinted or preprocessed webs
- Integrated ribbon shifter for running webs down center or to side of process
- Integrated web guide
- Portability package
- 90-degree air turnbar for right-angle web exit

Typical Specifications*

Maximum Splicing Speed	to 500 FPM	150 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	110V/1PH/50Hz or 60Hz

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



Martin Model STS Automatic Splicer

The Martin STS Automatic Splicer is ideal for nonstop production in pressure-sensitive label converting, packaging operations and other narrow web processes.

The STS can be supplied to make the following types of splices:

- Taped overlap splices
- Taped butt splices, straight or angled, with single or two-sided tape
- Tapeless, heatseal overlap splices with no leading or trailing splice tails

The STS is a compact unit for continuous, full-speed unwinding of rolls. The unique turret design of the STS yields a space-saving footprint without compromising operator convenience.

The splice cycle begins at a pre-set roll diameter or on an operator signal. The running roll is stopped, while the storage festoon continues to feed web to the process. The splice unit cuts off the expired web, the turret rotates the new roll into position and the STS completes the splice—all without stopping or slowing the process.

Simple splice preparation and few operator controls are typical of Martin's engineering philosophy. The standard DC drive package and PLC-based control system guarantee a high level of splicing reliability with minimal maintenance.

Dimensions shown are representative of standard model STS 05-13-31 and are for planning purposes only.



Martin Automatic Inc

HighPerformanceSplicing,RewindingandTensionControlSystems

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