

# Martin Model ECPF Automatic Splicer



Non-stop unwinding for  
paper, film and flexible  
packaging applications

## Martin ECPF Splicer Offers:

- Simple splice preparation with automatic splice initiation
- Ability to unwind rolls in either direction
- Pull roll acceleration and/or core acceleration, as required
- Air-cooled Martin designed, high-torque disc brakes
- Automatic roll coupling
- Motorized roll sidelay
- Martin's inertia compensated tension control system providing essentially constant tension across the web
- Automatic tension reduction on press [process] supplied signal
- Direct roll loading in upper and lower roll positions
- Two-point hoist

## Optional Features:

- In-register splicing for pre-printed or pre-processed webs
- Dual cut-off knife and hot-wire system for paper and film webs
- Integrated tension isolation dancer for infeed-quality tension control (ECPFI models)

## Typical Specifications\*

Maximum Splicing Speed	to 2000 fpm	610 m/min
Maximum Web Width	to 53 in	1346 mm
Maximum Roll Diameter	to 52 in	1270 mm

## Utility Requirements

Pneumatic	80 psi (5.5 bar) compressed air
Electrical	Single phase Three phase

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



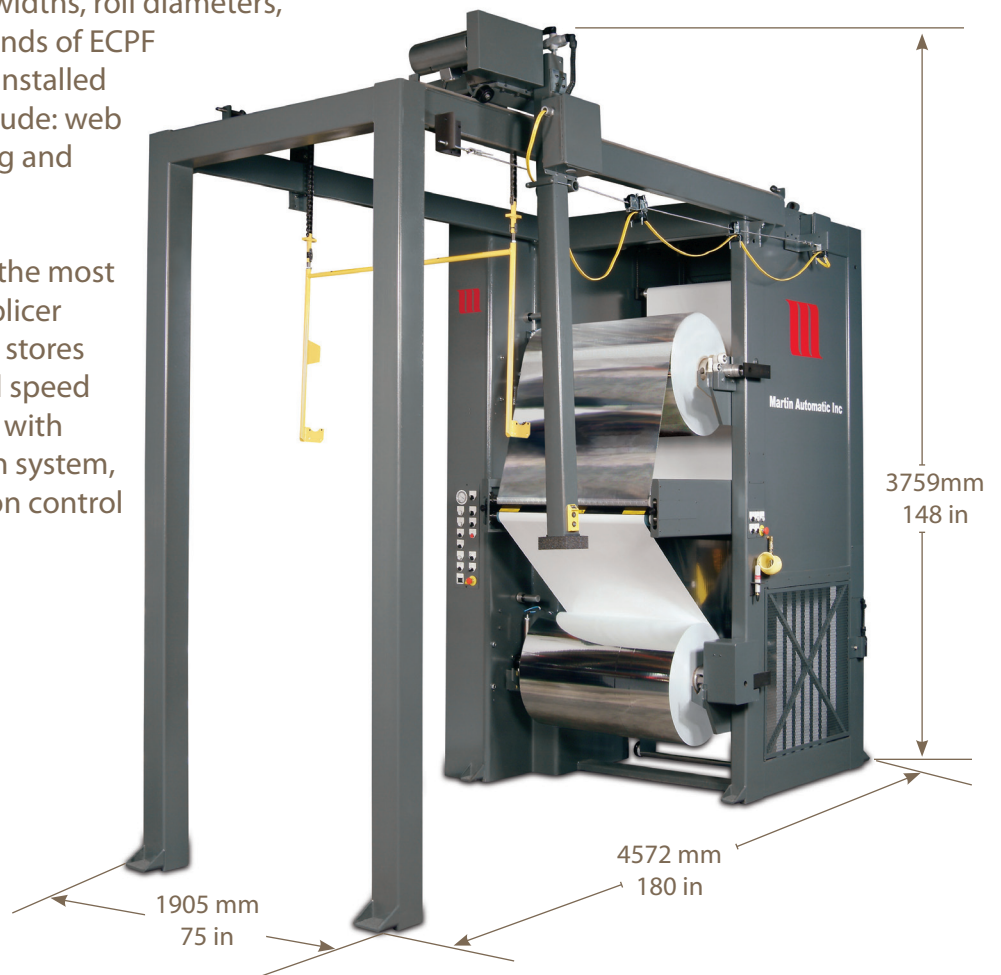
## Martin Model ECPF Automatic Splicer

The Martin ECPF is a roll-over-roll lap splicer for non-stop unwinding of rolls. Increased productivity, decreased downtime, reduced material waste and improved product quality are among the benefits offered by an ECPF splicer.

Martin's expertise in advanced splicer design enables the ECPF automatic splicer to function in the simplest manner possible for the most dependable long-term performance.

Accommodating a wide range of web widths, roll diameters, splicing speeds, and substrates, thousands of ECPF and associated ECP model splicers are installed around the world in processes that include: web offset, rotogravure, flexography, coating and laminating, and specialty converting.

The ECPF makes splices at zero-speed, the most reliable method of joining webs. The splicer uses an accumulator, or festoon, which stores web to keep the process running at full speed during the splicing function. Equipped with Martin's patented inertia compensation system, the ECPF provides excellent web tension control during all phases of unwinding.



Dimensions shown are representative of standard model ECPF 12-38-50 and are for planning purposes only..

 **Martin Automatic Inc** High Performance Splicing, Rewinding, and Tension Control Systems

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