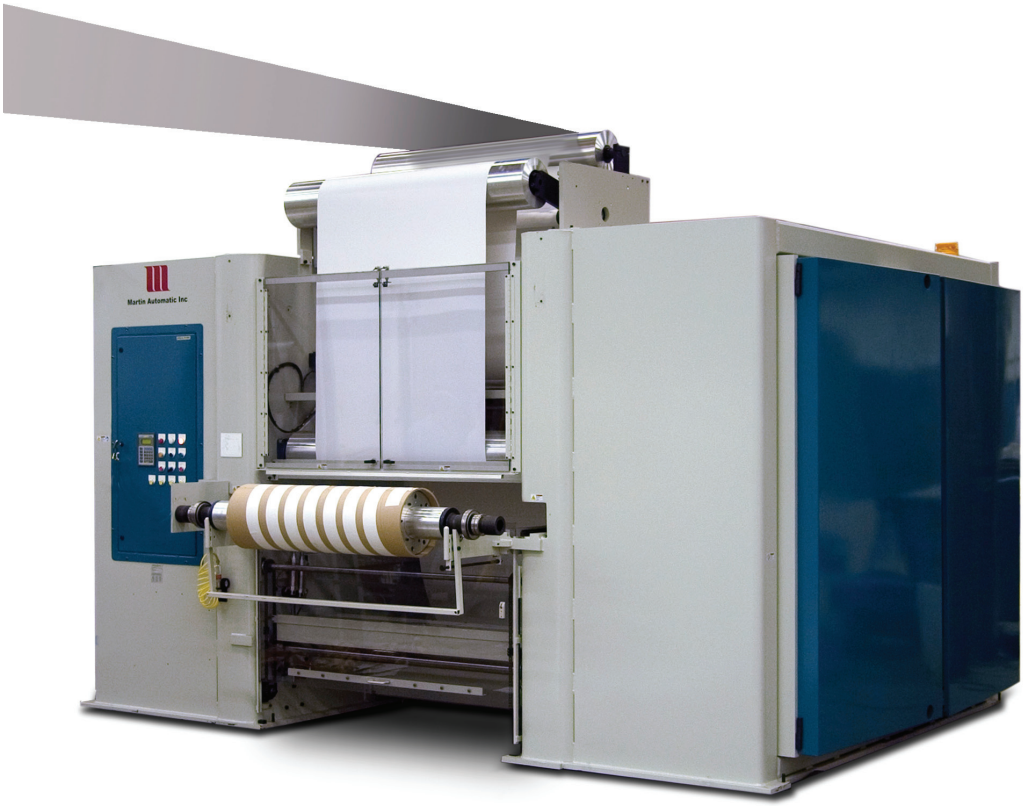
Martin Model RMAP Automatic Transfer Rewind



Non-stop winding for mid- to wide web applications

Martin RMAP Automatic Transfer Rewind Offers:

- Versatile design for papers, films, paperboard, nonwovens and other materials
- Automatic transfer on roll length, diameter, or manual or process initiation
- Center core winding
- Dancer-controlled, adjustable taper tension
- Partial web width capability
- Counterbalanced lay-on roller assembly with independent side-to-side pressure adjustment
- Automatic unloading of finished rolls
- Pre-wired integrated drives and controls

Typical Specifications*

For paper and film

Maximum Transfer Speed	to 3000 fpm	914 mpm
Maximum Web Width	to 75 in	1900 mm
Maximum Roll Diameter	to 50 in	1270 mm

For nonwoven

Maximum Transfer Speed	to 3000 fpm	914 mpm
Maximum Web Width	to 75 in	1900 mm
Maximum Roll Diameter	to 60 in	1524 mm

For paperboard

Maximum Transfer Speed	to 1640 fpm	500 mpm
Maximum Web Width	to 87 in	2200 mm
Maximum Roll Diameter	to 84 in	2133 mm

Utility Requirements

Pneumatic	80 psi (5.5 atm) 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 RMAP Automatic Transfer Rewind

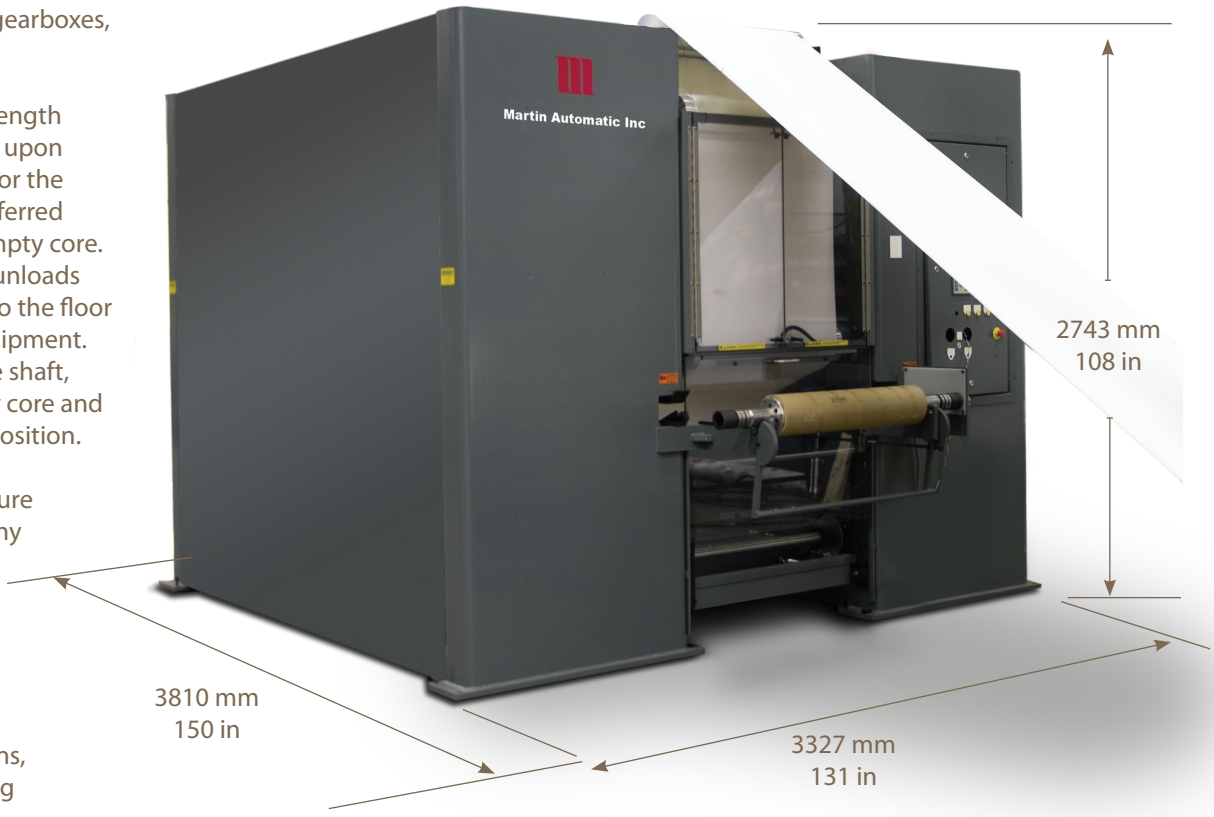
The Martin RMAP is a non-stop rewind, combining Martin roll changing, web handling and tension control technology in a single, space-saving unit. The RMAP provides continuous, roll to roll productivity for a wide range of applications and materials, from film and nonwoven to paper and paperboard.

Unlike conventional turret winders, the rewind spindles of the RMAP traverse horizontally. Its linear design minimizes roll travel as well as the tension upsets and web shifting associated with turret rotation.

This patented system utilizes two spindle drives: the first optimized for winding rolls starting at core diameter, and the second optimized for winding rolls to full diameter. The RMAP passes the roll from the first spindle position to the second automatically as the roll builds. Each spindle position has its own brushless AC motor with a direct belt drive system, eliminating the need for potentially troublesome gearboxes, clutches and slip rings.

When the specified web length or diameter is reached, or upon a signal from the process or the operator, the web is transferred from the full roll to the empty core. The RMAP automatically unloads the full roll and lowers it to the floor or other roll handling equipment. The operator removes the shaft, prepares it with an empty core and returns it to the transfer position.

Martin RMAP options ensure compatibility to wind many different materials. Engineered for versatility, the RMAP will accommodate such features as integrated slitting systems, turn bars for entry and exit variations, and roll and shaft handling auxiliaries.



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

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