

Martin Model **LRH** Automatic Transfer Rewind



Non-stop winding for
mid- to wide web
applications

Martin **LRH** Automatic Transfer Rewind Offers:

- Versatile design for paper, films, laminates, paperboard and other materials
- Automatic transfer on roll length, diameter, or manual or process initiation
- Cantilevered, pneumatic spindles with automatic-traverse, inflate/deflate functions
- Center core winding
- Dancer-controlled, adjustable taper tension
- Counterbalanced lay-on roller assembly with independent side-to-side pressure adjustment
- Automatic unloading of finished rolls
- Rewind sequencing through PLC control
- Pre-wired integrated drives and controls
- Easy-to-use touchscreen interface

Optional Features:

- Slitting and ribbon separation package
- Web guide

Typical Specifications*

Maximum Transfer Speed	to 1640 fpm	500 mpm
Maximum Web Width	to 56 in	1422 mm
Maximum Roll Diameter	to 72 in	1828 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 **LRH** Automatic Transfer Rewind

The Martin LRH Automatic Transfer Rewind is a nonstop roll changer ideal for mid-web printing, laminating and converting processes. The LRH provides continuous, roll to roll productivity for a wide range of applications and materials, from film to paper and paperboard.

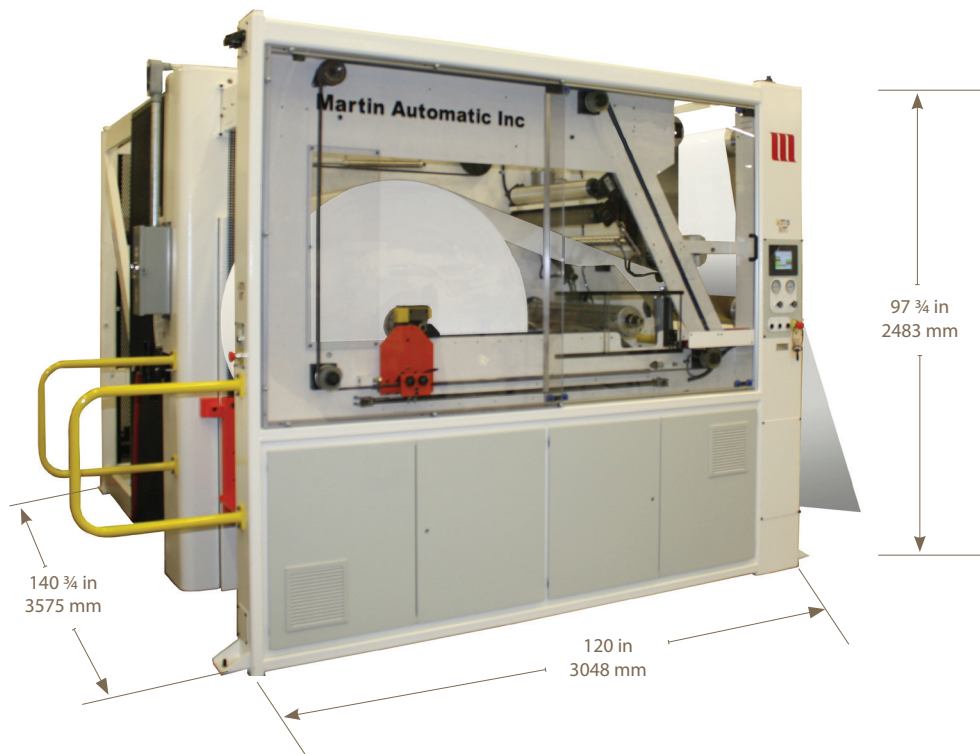
The LRH winds, automatically changes and automatically unloads full rolls. The only operator task is to load cores.

The cantilevered spindle design of the LRH eliminates the need to handle heavy coreshafts, and a rigid outboard support system negates spindle deflection. Unlike conventional turret winders, the rewind spindles of the LRH traverse horizontally. This linear design minimizes roll travel as well as the tension upsets and web shifting typically associated with turret rotation.

When the specified footage has been rewound, or upon a signal from the process or the operator, the web is transferred from the full roll to the empty core — without stopping or slowing the process. The spindle is deflated and retracted from the finished roll, which is lowered to floor level for delivery. The running roll traverses to the winding position, and the empty spindle returns to the transfer position for core loading.

The LRH is enclosed for safety, while enabling the operator to view all functions of the rewind.

Engineered for versatility, the Martin LRH will accommodate design features to meet specific material and process requirements. Available options include integrated slitting and web guiding systems.



Dimensions shown are representative of standard model LRH 10-26-60 and are for planning purposes only.

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

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