

Martin Model LRD Automatic Transfer Rewind

Non-stop winding for
label converting, flexible
packaging and narrow
to mid-web processes



LRD Automatic Transfer Rewind with web guide, slitting and articulating arm options

Martin LRD Offers:

- Versatile design for papers, films, laminates and other materials
- Automatic transfer on roll length or operator signal
- Cantilevered spindles with automatic inflation
- Center core winding
- Programmable tension control
- Panel-mounted, pre-wired integrated drives and controls
- Automatic unloading of finished rolls
- Touchscreen operator panel with expanded diagnostics and recipe storage/recall

Optional Features:

- Automatic core gluing
- Automatic tab-down
- Slitting and ribbon separation package
- Web guide
- Balanced lay-on roller
- Spindle adapters for core diameters to 6 in (152 mm)
- Differential (slip-core) winding spindles
- Portability package
- Articulating arm for delivery of rolls through side of unit

Typical Specifications*

Maximum Transfer Speed	to 1000 fpm	305 m/min
Maximum Web Width	to 34 in	863 mm
Maximum Roll Diameter	to 50 in	1270 mm

Utility Requirements

Pneumatic	80 psi (5.5 atm) 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.

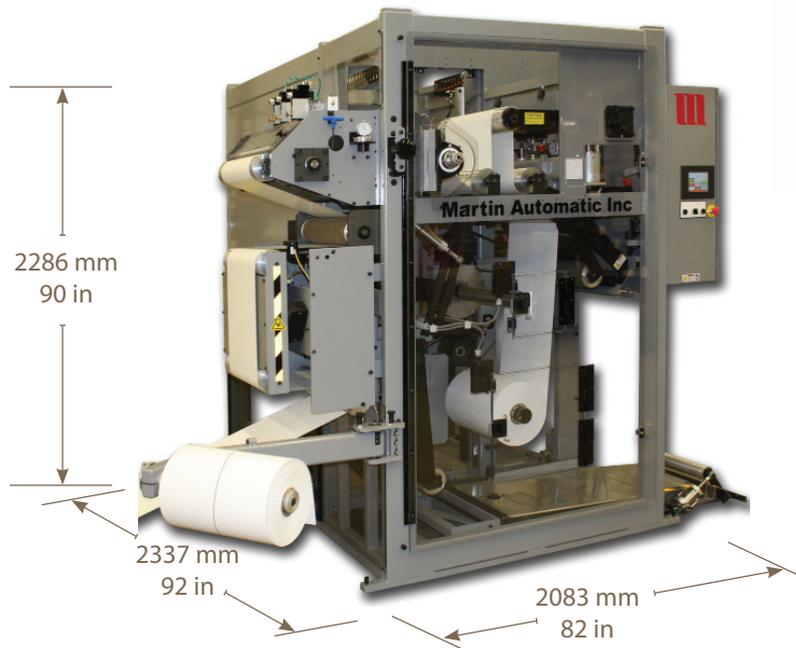


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The Martin LRD Automatic Transfer Rewind is ideal for nonstop roll changing in narrow to mid-web printing, laminating and converting processes.

Building on Martin's reputation for simplicity and innovation, the LRD is a two-spindle cantilevered rewind. A conventional turret typically experiences a lengthy rotation as the turret indexes during roll changes, increasing the likelihood and duration of tension upsets and web shifting. The LRD features a short, linear transition between winding positions to minimize these potential effects.

The LRD winds rolls, automatically changes rolls, and—again, unlike conventional turrets—automatically unloads full rolls. The only operator task is to load cores.



Dimensions shown are representative of standard model LRD 05-18-31 and are for planning purposes only.

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 full roll is lowered to a delivery ramp, the deflated spindle retracts, and the roll is unloaded—all automatically. The empty spindle returns to its core loading position.

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

Engineered for versatility, the LRD accommodates design features to meet specific material and process requirements.



High Performance Splicing, Rewinding and Tension Control Systems

www.martinautomatic.com

Martin Automatic Inc 1661 Northrock Court Rockford, Illinois 61103 tel +1.815.654.4800 fax +1.815.654.4810
Martin Automatic Europe GmbH Sonnenbergstrasse 73 D-74626 Bretzfeld-Dimbach Germany tel +49.7946.41 99 34 0 fax +49 7946 41 99 34 20
Martin Automatic Asia-Pacific P.O. Box 87-781, Taipei, Taiwan 105 tel +886.2.27609886 fax +886.2.27609887