

MARTIN PHATR AUTOMATIC TRANSFER REWIND



The Martin Model Phantom Axis Rewind offers a unique rewind solution to printers and converters of paper, film and other extensible material as well as laminating processes. Rolls to 50 inches diameter and up to 72 inches in web width are possible.

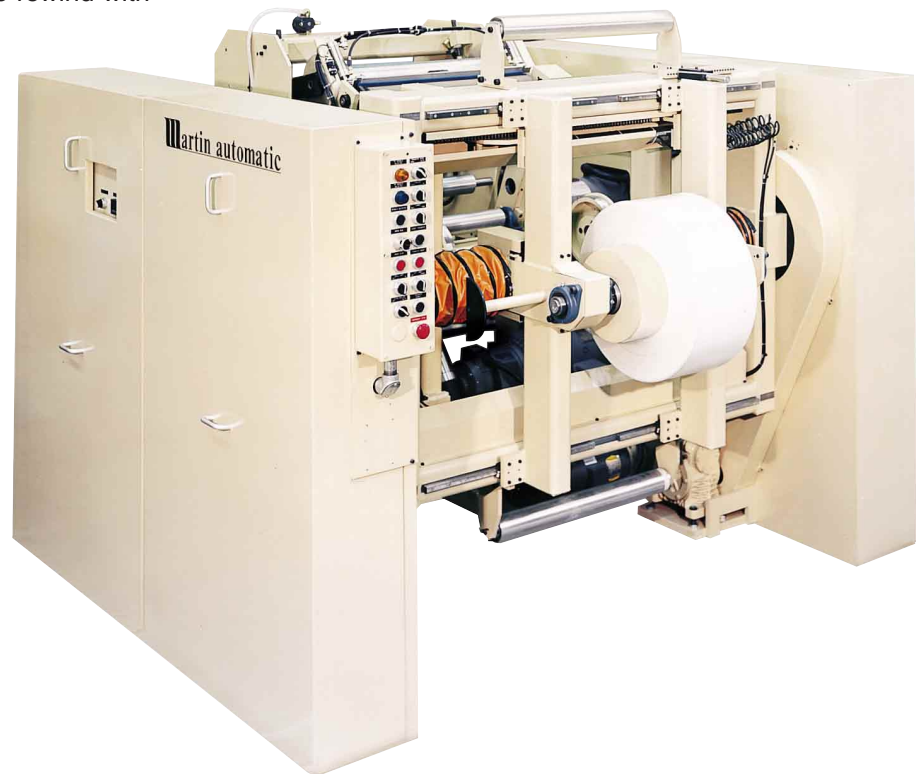
Building on Martin's reputation for simplicity, the Martin model PHATR Automatic Transfer Turret Rewind uses a unique design which allows the production of a wide range of roll diameters using two spindles.

This system includes the Martin inertia-compensated dancer assembly, a two-spindle rewind with transfer section and lay-on roller. The sections are integrated as a complete

unit, allowing automatic roll winding, web transfer, and tension control.

The PHATR Rewind features a "phantom axis" design to reduce size and component loads. Spindle motors are frame mounted to reduce weight and controls required on the turret assembly. If supplied as an optional shaftless model, the independent arms will chuck different width rolls, allowing size changeovers on the fly (*pictured below*).

The compact design integrates the best features from the Martin RMAP Model Rewind as well as the Martin Turret Transfer Rewind at an affordable cost for roll production.



Martin improves delivery of delicate materials to the converting process, while allowing production of consistent quality products.

 **Martin Engineers
Solutions!**

Martin PHATR offers:

- Center-core winding
- Automatic transfer on operator initiation or process signal
- Counter weighted, pivoting lay-on roller assembly
- Martin's inertia-compensated dancer system
- Shafted chucking system
- Adjustable taper tension profiles from constant to 2:1 taper
- Web break detection supplied to process via dancer limit
- NEMA 12 electrical enclosures
- Baldor AC vector drives and motors
- A/B SLC 504 Processor

OPTIONAL FEATURES:

- Hazardous environment controls upgrade with air purging
- Roll and shaft handling equipment with hoist
- Drive addition to lay-on roller for surface assist winding
- Optional shaftless chucking

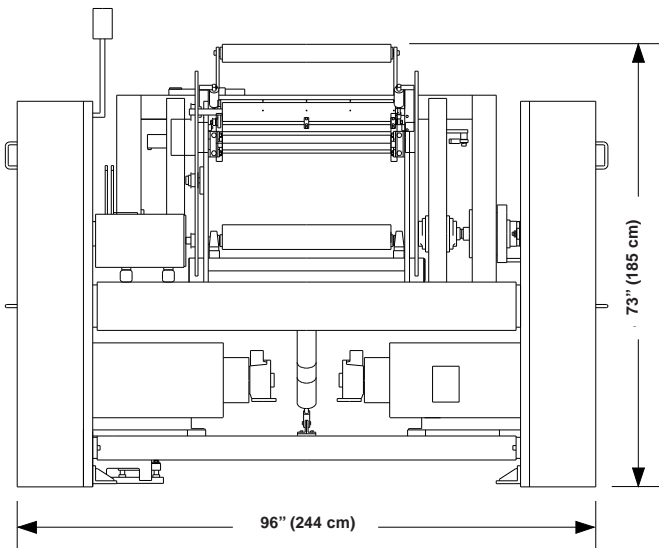
SPECIFICATIONS

| | |
|------------------------|------------------------|
| Maximum Transfer Speed | 1500 FPM |
| Maximum Web Width | 72 IN |
| Minimum Web Width | 6 IN |
| Maximum Roll Diameter | 50 IN |
| Number of Spindles | 2 |
| Spindle Diameter | per process |
| Maximum Roll Weight | 3500 LBS |
| Material | Film, Paper, Laminates |

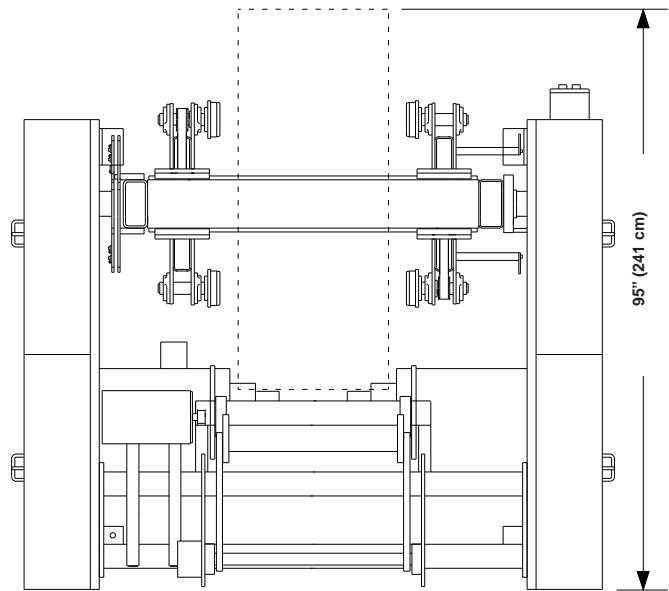
UTILITY REQUIREMENTS

| | |
|------------|---|
| Pneumatic | 80 PSI (5.5 ATM) |
| Electrical | single phase 117 VAC three phase 480 VAC |

As with all Martin products, the Martin PHATR Transfer Rewind can be application-engineered to fit each process. Contact Martin Automatic for your specific needs.



Elevation View



Plan View (overhead)

Dimensions shown are representative of a 1000 FPM, 32 inch web width, 30 in. diameter machine. Dimensions vary per application and are for planning purpose only.



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