

Phoenix PRRA-2100

Conveyorized rotary ring automatic; for smaller load sizes; lower speed; for use with inline automated conveyor line.

Factory Quote Required



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Product Information

Manufacturer: Phoenix

Model: PRRA-2100

State: New

Type: Rotary Ring

Structure: Gantry

Controls: Automatic

Film Carriage: Powered Pre-Stretch

Phoenix PRRA-2100 Rotary Ring Pallet Stretch Wrapper

Designed specifically for lower throughput requirements, this model line accomplishes throughput speeds comparable to high speed conventional turntable and rotary tower automatics, while gaining the film savings achieved by running non-standard wrap patterns only available to rotary ring automatics.

ADVANTAGES

DISADVANTAGES

- Cut and seal can occur anywhere on the load (top, middle, or bottom) allowing one way and banding wrap patterns, and the implementation of previously impossible wrapping options right in the wrap zone
 - One way wrap significantly reduces cost of packaging per load and increases system throughput
 - Suitable for unstable loads which cannot accommodate rotation
 - Can often be installed over existing conveyors
 - Load weights are limited only by the conveying system
 - Fully automated operation does not require an operator (loads are transferred in and out via automated conveyor)
 - Fully automated film clamp, cutter, and "no tail" sealer
 - Pre-stretch film carriage maximizes the stretching of the film, significantly reducing the cost of packaging per load and produces a superior shipping package
 - Available options accommodate needs for extra tall loads, alternate pass-heights, wrap pattern variations, and more
 - Achieves greater reliability and reduced maintenance costs due to the non-load bearing wrapping component design
- Larger floor space requirement (compared to fully automatic turntable systems but similar to rotary tower systems)
 - Permanent installation required (i.e. not fork lift portable)
 - Increased installation costs (professional installation recommended)
 - Requires higher supply voltages
 - Requires pneumatic power (air)

Specifications

Performance:

- Rotation Speed: 0-21 RPM
- Loads Per Hour: Up to 65-75 LPH (Dependant upon wrap pattern selection, and conveyor speed and logic)

Load Specifications:

- Maximum Load Size: 48" W x 50" L (69" diagonal), x 80" H [at standard design pass-height]
- Maximum Load Weight: Unlimited (Dependent upon conveyor)

Film Delivery:

- Film Delivery: Powered pre-stretch with easy loading "tilting film carriage"
- Pre-stretch: up to 245%
- Film Type: Machine film, 20" roll width, 10" diameter, 3" core

Rotation System:

- Ring Rotation System: Belt, VFD

Lift System:

- Ring Lift: Chain, VFD

Power Requirements:

- Power Requirement: 230 VAC, 3 PH, 60 Hz (other voltages available)
- Pneumatic Requirement: 3 CFM @ 80 PSI

Controls:

- Controller: Allen-Bradley PLC
- Operator Interface: HMI
- Wrap Programs: Single wrap, Double wrap, and Banding (customizations available)
- Wrap Parameters: Separate top and bottom wrap counts, separate ring up/down speeds (overlap), variable ring rotation speed, auto height photoeye (overwrap)

Cut and Seal:

- Fully automated impulse heated cut wire and heat seal pad

Construction:

- Frame: Steel
- Portability: None, permanent installation

Warranty:

- 3 years on parts
- 10 years on frame
- Lifetime warranty on pre-stretch roller

Delivery: Shipping services or factory pick up are available. Production lead times vary according to season, model, and options chosen. Please contact us for details.

Attachment: Phoenix PRRA - Conveyorized Automatic Rotary Ring Pallet Stretch Wrappers - Sales Brochure.pdf

Attachment: Phoenix PRRA-2100 - Machine Specifications.pdf

Attachment: Phoenix PRRA-2100-Automatic-Rotary-Ring-Wrapper-Layout.pdf

Product Options

- Standard equipment options allow you to adapt the machine for oversize and heavier loads.
- Other options allow you to streamline your production process and increase efficiency.
- Custom options and modifications are available to meet specific needs.

Pricing for options is in CAD or USD.
Discounts off list pricing shown may be available.

LEGISLATED OPTIONS

Yes

Phoenix Option - (CSST) CNESST Safety Approved Film Carriage - To meet QUEBEC, CANADA legislated requirements (FOR ALL MACHINES DESTINED FOR QUEBEC, CANADA)

Yes+ \$545.00

Phoenix Option - cUL Approval of Full Machine - To meet ONTARIO, CANADA legislated requirements (FOR ALL MACHINES DESTINED FOR ONTARIO, CANADA)

Yes+ \$635.00

Special requests or requirements:



Phoenix Wrappers Videos

* All products are designed for operation in a typical warehouse environment (dry, clean, heated).

Options may be available to adapt these machines for operation in other environments (eg. cold, wet, dusty, etc.).

Operation of these machines in conditions for which they were not designed might reduce the life expectancy of the machine and/or negate the warranty.

Have Questions? Need More Information? There are 5 ways to get in touch with Wrapper Direct.

Call us toll free at **1-888-908-8639**, email our sales team ***sales@wrapperdirect.com*** or contact us via the links below:

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NEEDS ASSESSMENT

FOLLOW UP REQUEST

