



Professional Packaging Systems

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Robopac Genesis Thunder Automatic Rotary Ring Stretch Wrapper



At a Glance

- 65 RPM for reliable, consistent wrapping
- Up to 120 loads per hour
- Engineered for high-speed pallet wrapping
- Rotary ring for smooth, high-speed operation
- 16 programmable wrapping recipes
- Patented no-contact power system for reduced maintenance

Pricing

Call us at **888-318-0083**

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

High Speed, Low Maintenance Rotary Ring Stretch Wrapper

The Robopac Genesis Thunder rotary ring automatic stretch wrapper is engineered for high-speed pallet wrapping with unmatched reliability and efficiency. Built with a high-resistance monoblock aluminum ring and servo-controlled direct-drive pre-stretch motors, the Genesis Thunder ensures precise film application, energy efficiency, and low maintenance requirements.

Sixteen standard wrapping recipes allow operators to easily select and consistently repeat the best wrapping pattern for pallet loads in less time.

With a blazing-fast 65 RPM ring speed, the Genesis Thunder can wrap up to 120 loads per hour, making it ideal for the most demanding production environments.

Features

Allen Bradley Panel View Plus 600

Automatic Film Cut

Cube Smart Stretch Wrapping Technology Innovative technology that combines multi-level variable pre-stretch, multi-level variable containment force, pro-active corner compensation, and strategic film placement to successfully wrap loads & ensure that they reach your customer in as-made condition by maintaining proper wrapping standards.

Multi-Level Variable Containment Force Delivers optimal containment force at each level. Containment force is adjustable up to 9 times on each load.

Multi-Level Variable Pre-Stretch Ensures the best film economy for every load. Adjust the pre-stretch up to 9 times on each load. Multi-Level Variable Pre-Stretch Technology delivers 30% to 55% film savings over currently available competitive stretch wrapping systems.

R-Connect Ready Able to install R-Connect remote monitoring software immediately.

Split Wrapping Cycles for Stacked Pallets

Robopac ECube Technology

Deliver exactly the right amount of film at exactly the right position with exactly the right containment force.

- Reduces film cost by 30% to 55%
- Improves load containment
- Reduces product damage by 40%

Multi-Level Variable Pre-Stretch

- Ensures best film economy for all loads
- Ensures best film economy for all films
- Ensures highest containment level attainable for all films
- Delivers 30% to 55% film savings

Multi-Level Variable Containment Force

- Delivers the optimal containment force at each level
- Enables the delivery of the highest pre-stretch at all levels

Strategic Film Placement

- Scientific approach to ultimate load containment
- Place film precisely where it has the most impact on load containment

Proactive Corner Compensation

- Reduces product damage on corners
- Improves containment on flat sides of loads
- Enables higher containment levels on each revolution

Automatic Roll Change

Patented motorized unit automatically changes film roll without operator assistance, expelling the empty roll core, and replacing it with a full roll.

Single ARC/1 and double ARC/2 versions are available in the pallet top covering system. The ARC/2 solution houses two full rolls providing the operator with greater roll change flexibility.

Roll change units are installed within the perimeter guards but outside the ring work range. Therefore, new rolls can be installed safely without stopping stretch wrapping operations.

Ring Lift

Two-chain interconnected ring kinematics ensure synchronous ring lift. Supported by a robust 4-column structure combined with an upper sheet metal frame creates maximum safety conditions, even in the most heavy duty conditions. Ring lift and lowering speeds are adjusted by frequency converter from the control panel.

Rotation Unit

Rotating ring planarity and dimensional constancy are guaranteed to work at maximum speed, and to protect the integrity and working life of parts in motion. Drive is created by a high-resistance, reliable, and silent belt. Rotation speed is controlled by a frequency converter, continuously regulated by the control panel.

Pre-Stretch Carriages

BGS Carriage Servo controlled single motor pre-stretch carriage with external direct-drive motorization. The BGS carriage works without sliding contacts, eliminating all failures caused by this technology, ensuring greater safety levels and the possibility of use in all environments. Pre-stretch film at fixed values and apply up to 12 containment force values on the load. (Optional kits are available for pre-stretch other than standard.) The Easy Tech version provides force to load controlled with a reactive analogic system. The Easy Tech+ version provides force to load controlled with a proactive analogic system.

BVS Carriage Dual-motor servo controlled pre-stretch carriage with external direct-drive motorization. The BVS carriage works without sliding contacts, eliminating all failures caused by this technology, ensuring greater safety levels and the possibility of use in all environments. Through the HMI, adjust film pre-stretch, variable or continuous, and apply up to 12 containment force values on the load. Force to load is controlled by a proactive system based on Cube technology Level 1 and Level 2.

Stretch Wrapper Clamps

Futura Clamp Pneumatically driven clamp with hot wire cuts and seals the film tail.

Nip and Tuck Clamps, cuts and threads film without a sealer. The last tail of film is inserted into the winding itself.

Options

Vertical Pressure Platen Pallet retaining system during wrapping used with upper covering systems (top inside / top outside) or with particularly unstable loads. Available with mechanical movement of pantograph system or pneumatic drive.

Pallet Lifter Pallet lifting system in the center of the conveyor with pneumatic or hydraulic drive allows complete wrapping of the wooden pallet. This system manages wrapping of the product and pallet in a flexible manner, guaranteeing maximum stability of the palletized load. The pneumatic lift has a maximum capacity of 4400 lbs. The hydraulic system has a capacity of more than 4400 lbs.

Top Cover Automatic system for covering the upper surface of the pallet load. Top Inside version is integrated in the structure of the machine provides a cover against dust and water. Top Outside version with independent structure provides a dust-proof cover.

Roping Roping system reduces the width of film to a cord and ensures a more effective stabilization of the load.

VCA Corner Applicator Gripping and application devices automatically locate the four corners of the pallet load without any manual setting or adjustment of the system.

Please [contact Pro Pac](#) or call 888-318-0083 for your stretch wrapping equipment.

Specifications

Pre-Stretch Carriage	BSCSP
Pre-Stretch Ratio	140% - 180% - 220%
Power	380 - 400 - 415 V, 50 Hz
Air	6 +/- 1 bar, 250 - 350 NL / min

Throughput & Pallet Sizes

Helix Wrapper	Futura 40	Futura 40 TI	Futura L	Futura L TI	Futura XL	Futura XL TI
Pallets per Hour	80 pph	70 pph	65 pph	55 pph	60 pph	50 pph
Min Pallet Dimensions	20" x 24", 500 x 600 mm		24" x 24", 600 x 600 mm		24" x 24", 600 x 600 mm	
Max Pallet Dimensions	44" x 52", 1100 x 1300 mm		58" x 58", 1450 x 1450 mm		76" x 76", 1900 x 1900 mm	

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