



Professional Packaging Systems

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Contact

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Orion MA-ST Rotary Arm Automatic Stretch Wrapper

At a Glance

- 30 to 45 loads per hour, with up to 60 optional
- Super-stable 4-leg design
- Insta-Thread film delivery system
- Heavy duty conveyor built in house
- Simple, highly effective film tail treatment

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.



Fully Automatic, Conveyorized, Tower Stretch Wrapping System

The Orion MA-ST, fully-automatic heavy-duty rotary tower conveyorized stretch wrapping system is designed with an easy to install, floor anchored integral stand design.

Its heavy-duty, all structural steel construction, and ring bearing tower support with chain & sprocket drive, handles loads up to 4,000 lbs and wraps at speeds up to 12 rpm.

These powerful features, along with Orion's Insta-Thread high-performance film delivery system, make the MA-ST stretch wrapper an excellent choice for medium duty production level applications requiring durability, and reliability.

Insta-Thread Film Delivery System

The Orion Insta-Thread film delivery system faces the side for easier film roll loading and threading. The system uses specially designed rollers to accurately elongate film at a standard rate of 260%.

This highly-reliable prestretch systems features fast, simple and safe film loading, and an advanced "non-contact" film tension sensor for years of trouble-free wrapping.

A sophisticated photo eye senses even difficult colored and reflective loads, and Orion's unique Insta-Sense system pauses the wrap cycle if the stretch film breaks or runs out.

Heavy Duty Conveyors

Orion builds all of their own conveyors in house for the ultimate in quality control and durability. An open mechanical design assures that motors, gearboxes, etc. are easily accessed for service or replacement. Each conveyor roller is supported by a full-length solid steel axle and welded on (not pressed on) caps. These axles are supported with individual cast housing bearings for the ultimate in strength and durability.

Film Tail Cut & Wipe Down

The film tail treatment on the MA-ST is simple, highly effective. At the end of the wrapping cycle, Orion's innovative asymmetrical film clamp grips the film web while the no-build-up thermo bar cuts the film. The load-seeking pneumatically actuated brush smooths and secures the film tail to the side of the load as it is conveyed to the exit conveyor. The result is an attractive, secure film tail that stays in place using a minimal amount of film.

Tower Drive

A 12" precision ring bearing is used to support and drive the rotating arm of the MA-ST. The chain & sprocket drive has soft start and stop to for minimal wear and tear on the drive system. Major components are located within easy reach for fast maintenance and service.

Allen Bradley Controller & VFD Drives

The MA-ST stretch wrapping machine uses an Allen Bradley / Series PLC controller for maximum flexibility and reliability. Low maintenance, long lasting AC motors are used throughout the MA-ST with advanced Variable Frequency Drives (VFD) controllers. The free standing controller is CSA approved, UL listed, and NEMA 12 rated.

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

Specifications

Specification	Standard	Optional
Rotation Speed	12 RPM	18 RPM
Production Capacity (Loads per Hour)	30 - 45	Up to 60
Maximum Load Weight	4,500 lbs	6,000 lbs
Maximum Wrap Height	80"	95", 110"
Conveyor Speed (Feet per Minute)	30	30 to 60
Maximum Load Size	48" x 48" (larger available)	
Minimum Load Height	15"	
Minimum Wrap Height	2" from conveyor roller top	
Conveyor Roller Spacing	3.25"	
Controller / HMI	Allen Bradley MicroLogix 1400	
Controller NEMA Rating	NEMA 12	
Independent Carriage	Standard	
Independent Top/Bottom Wrap Counts	Standard	
Safety Rating	Category 2 (Cat 3 option available)	
Standard Voltage	480 VAC / 3ph / 60Hz	
Standard Air	80 PSI @ 6 CFM	
Warranty	3 Year components / 5 Year frame / Lifetime prestretch rollers	
Paint Finish	Electrostatic powder coat	