

description

The Matrix MPA-67 is an automatic style stretch wrapping machine designed for fast and efficient unitization of pallet loads with stretch film. The system can be started with a hanging lanyard and features automatic film tail cut and wipe eliminating the need for fork lift operators to exit the vehicle to wrap loads.

operation

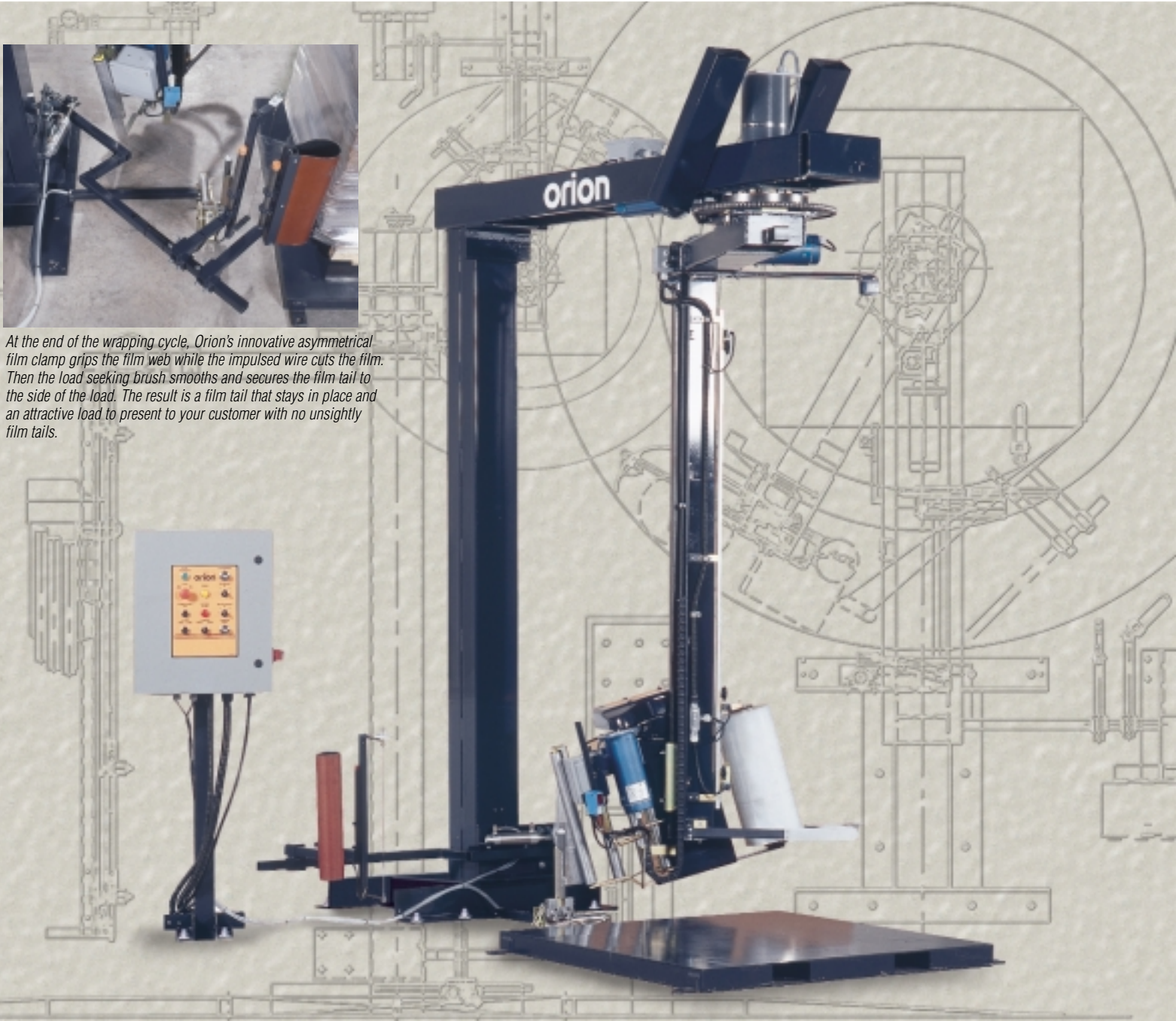
- 1) Fork lift places load in wrapping area
- 2) Driver backs away, pulls lanyard to start
- 3) Load is stretch wrapped automatically
- 4) Film tail automatically cut and wiped down
- 5) Driver returns to remove wrapped load

• MPA-67 features

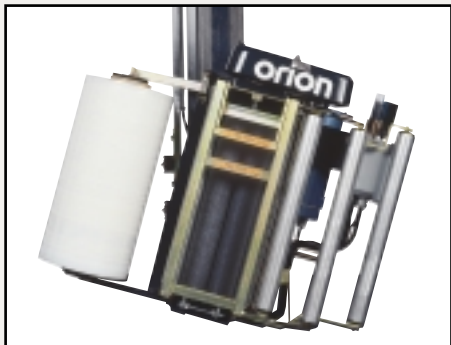
- High-performance film delivery system yields 245% prestretch (standard)
- Unlimited (floor loaded) load weight capacity, automatic load height adjustment
- Impulse wire film cutting, pneumatic film clamp / load seeking wipe-down
- 100% structural steel construction throughout for long-term durability
- Variable speed tower rotation with an 12 RPM maximum
- Rotary wrapping method well-suited for extra light, unstable or heavy loads
- Rotational safety photoeye beam stops machine if beam is broken
- Integral structural steel floor stand (floor bolted) for mounting integrity
- Precision ring bearing tower support with ANSI chain/sprocket drive for ultra-reliability
- Non-proprietary replacement parts can be purchased locally or from dealer
- Self-threading Insta-Thread™ carriage makes loading film fast, safe and easy
- Revo-Logic™ technology assures precise number of top/bottom wraps



At the end of the wrapping cycle, Orion's innovative asymmetrical film clamp grips the film web while the impulsed wire cuts the film. Then the load seeking brush smooths and secures the film tail to the side of the load. The result is a film tail that stays in place and an attractive load to present to your customer with no unsightly film tails.



Insta-Thread™ Film Delivery System: Fast, Easy, Consistent



The 'heart' of the MPA-67 is the Insta-Thread™ film delivery system, an extremely reliable film carriage engineered to accurately pre-stretch film at a fixed rate and deliver it to the load at a constant tension level. Threading film on the Insta-Thread is fast, easy and safe, no hands or fingers in or around pre-stretch rollers.

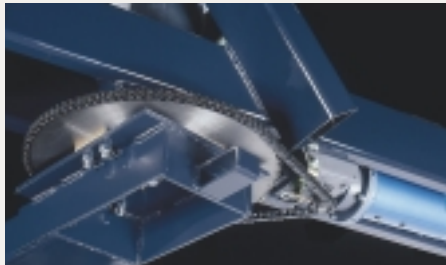
- Uses standard 20" stretch film rolls
- Precision ground, polyurethane pre-stretch rollers for consistent, maximum film yield
- 245% standard pre-stretch ratio (optionally available from 100% to 425%)
- Heavy-duty ANSI industrial chain carriage lift
- Revo-Logic™ exact wrap count eliminates film waste with precise top & bottom wraps
- Electronic film tension control on panel
- Full authority dancer bar with non-wearing sensor adjusts film output to compensate for load corners
- Heavy-duty ANSI chain & sprocket ratio control
- Multi-point UHMW precision carriage guidance
- End of cycle film force release prevents film jams



Threading the Insta-Thread film carriage is fast and easy: simply open the hinged roller frame and pull the film web through, then latch the roller frame closed.

The MPA-67 is designed to be floor loaded. The film clamp can be pit mounted to bring the film as close to the bottom of the pallet as possible. For low wrapping without pit mounting the clamp, an optional 48" x 48" steel platform is available. Optional loading ramps can be added to the platform for loading with pallet jack or electric walkie.

Tower Drive: Rugged, Reliable, Accessible



- 12" diameter precision ring bearing
- Elegantly simple yet highly durable
- Variable speed drive motor: 0-12 RPM
- Industrial grade ANSI chain/sprocket
- Positive home position alignment
- Non-proprietary replacement parts
- All components easily accessible
- Adjustable soft-start and stop (gradual acceleration / deceleration)

Controller: Easy to Use, Non-proprietary, UL listed, NEMA-12



- CSA Approved, UL listed, NEMA 12 rated panel
- Clearly marked, easy to use operator interface
- Large mushroom-style Emergency E-Stop button
- Adjust film tension easily with Film Tension knob
- Allen Bradley MicroLogix PLC controller
- Non-proprietary pushbuttons & switches
- Revo-Logic™ wrap count technology saves film
- Separate count selectors for Top & Bottom Wraps
- Separate settings for carriage up & down speed
- Raise & lower carriage manually with Carriage Jog
- Pause wrap cycle without reset with Cycle Pause
- Rotate the tower manually with the Tower Jog

distributed by:



Orion Packaging Systems, Inc.
A Pro Mach Operating Partner
USA Corporate Headquarters
100 Crescent Drive
Collierville, TN 38017
Toll Free (800) 333-6556
Telephone (901) 888-4170
Fax (901) 365-1071
CANADA Manufacturing
2270 Industrial Blvd
Laval, Montreal, H7S 1P9
Telephone (450) 667-9769
Fax (450) 667-6320
Email: sales@orionpackaging.com
Web: www.orionpackaging.com
Bulletin #MPA67.01/01.JKG



MPA-67 specifications

Machine Performance	
Rotation speed	Variable to 12 RPM
Film Delivery System	
Prestretch ratio	245% (standard)
Threading method	Insta-Thread
Corner compensation	Electronic, non-wearing
Load Specifications	
Maximum load weight	Unlimited (floor loaded)
Maximum load diagonal	82"
Maximum load size	48"W x 48"L x 80" H
Power Requirements	
	115 / 1 / 60 15 amp
Structural Design	
	100% Structural steel used throughout
	Integral structural steel stand (floor bolted)
Film Tail Treatment	
	Pneumatic film clamping & wipe down
	Impulsed wire film cutting
Warranty	
	3/5 Year limited
Estimated Shipping Weight	
	2,000 pounds

MPA-67 dimensions

