



R&E

ROBOTICS & END OF LINE

# MA ROTARY TOWER IN-LINE PALLET WRAPPING SYSTEM



## High throughput pallet wrapping system for any type of application, any load.

With features like soft start and stop, an ultra-stable "A" frame design, and robust conveyors, the MA is especially good at wrapping unstable and oddly weighted loads, providing maximum containment force with minimal amounts of film.

The MA provides industry-leading OEE, operating not only at a high speed, but ensuring reliable and consistent performance. Premium materials and a robust design significantly reduce maintenance, including the fully sealed slip ring assembly which prevents dust, dirt, and debris. The S-Carriage and Multi-Zone conveyance further minimize downtime, reducing film loading to under a minute and can be done without impeding machine operation.

The MA also features our brand new modular frame, allowing for greater flexibility in load sizes and also reducing the lead times of the machine, bringing you savings even quicker.

### MA FEATURES AND BENEFITS

- Multi-Zone Safety - Operator can switch out film while the product stages on the infeed or continues on the exit conveyors.
- Revo-Logic technology for precise application of programmed wraps, maximizing load containment and film yield.
- S-Carriage Insta-Thread™ Film Carriage with standard 260% pre-stretch
- Labor saving automatic film tail cut & wipe secures film
- Extra-large 10" Allen-Bradley HMI for easy machine operation and troubleshooting.
- Low maintenance, long lasting AC motors
- Variable Frequency Drives (VFD) controllers

### STANDARD FEATURES



**10" Allen-Bradley HMI**  
User-friendly touchscreen controls feature Orion's intuitive Intelvue controls package for easy operation and maintenance.



**S-Carriage with InstaThread**  
Film loading in seconds with the Insta-Thread system. No threading is required and film loading can be performed in between loads to completely eliminate downtime.



**Fully Sealed Rotary Slip Ring**  
Virtually maintenance-free, the fully sealed slip ring assembly prevents dust and debris from interfering with the core bearing and drive of the machine.



**Ultra-Stable "A" Frame Design**  
Heavy-duty steel tube structure minimize machine wear and tear for long product life. Stable frame ensures reliable and consistent performance, maximizing uptime, minimizing operational costs.

## TYPICAL PRODUCT SPECIFICATIONS

<b>Product Type</b>	Rotary Tower In-line Pallet Wrapping System
<b>Footprint</b>	Process Area 291" W x 202" D x 141" H
<b>Speed</b>	18 RPM Standard
<b>Display</b>	10" color A-B Panel View Plus 7.1000
<b>Frame</b>	Heavy-duty welded tubular steel

<b>Standard Voltage</b>	480/3/60 (4 wire, 3 lines plus ground)
<b>Main Electrical Enclosures</b>	Built to UL508A standards and UL Listed (Enclosures optioned for CE will not carry a UL label)
<b>Air Requirements</b>	6 CFM @ 80 PSI
<b>Safety</b>	CAT 3 safety rating

## OPTIONS

- Forklift photocell
- Forklift wheelstop
- Conveyor endstop
- 30" film roll carriage
- LED lighting package
- Film roping
- Scale options
- Upgrade speeds up to 36 RPM
- Load heights up to 110"
- 6,000 lb. Load Weight

## MACHINE DRAWINGS — Dimensions - Inches

