



Make sure every load is safe and secure during its journey to market with Orion, the leader in heavy-duty industrial stretch wrapping technology. Orion is the industry's leading manufacturer and worldwide distributor of automatic stretch wrapping machines and semiautomatic stretch wrapping equipment, including rotary turntables, rotary towers, and horizontal wrapping systems. As part of the ProMach End of Line business line, Orion helps our packaging customers protect and grow the reputation and trust of their consumers. ProMach is performance, and the proof is in every package.

4750 County Road 13 NE
Alexandria, MN 56308
P: 320-852-7705
F: 320-852-7621
TOLL FREE: 800-333-6556
E: Orion@ProMachBuilt.com
OrionPackaging.com



STRETCH PACKAGING SOLUTIONS CATALOG

R&E

ROBOTICS &
END OF LINE

A close-up photograph of a stretch-wrapped object, showing the metallic sheen and texture of the plastic film.

For over 30 years, Orion has been in the business of protecting customers' products, ensuring their loads are safe and secure during the journey to market. As the leader in heavy-duty industrial stretch wrapping technology, our goal is to provide the highest quality stretch wrapping solutions in the industry.

Orion offers the most comprehensive line of stretch wrapping and pallet unitizing machinery. Machines come with a commitment to customer support backed by a nationwide network of trained channel partners and after hours US parts availability.

THE ORION DIFFERENCE: PRESTRETCH FILM DELIVERY SYSTEMS

Orion stretch wrapping solutions provide maximum load containment, keeping products safe and secure at the lowest total cost of ownership. We are an industry leader known for developing the most advanced prestretch film delivery systems. Our standard system provides 260% prestretch, meaning every one foot of film on the roll yields 2.6 feet of film on the load. This not only results in significantly reduced film costs, it also reduces environmental impact per load.

Orion excels at efficiently and effectively using every inch of stretch film. Other technologies inside the carriage, developed and offered only by Orion, eliminate film slippage and ensure that each load is wrapped with the exact number of programmed wraps so you use exactly what you need to secure each load without unnecessary material waste.



Stretch Wrapping Machine Types

FLEX RTD ROTARY TOWER DELUXE



ROTARY TOWER

Rotary tower machines rotate the stretch film around a stationary load which is well-suited for pallet loads that are fragile, unstable, very light or very heavy. Rotary tower machines are also better for environments that require frequent wash-down in the wrapping area since the drive mechanism is above the load and the wrapping area remains clear.

FLEX LPA LOW PROFILE AUTOMATIC



TURNTABLE

Turntable models turn the pallet load on a turntable while the film carriage moves up and down on a mast. Many customers prefer turntable models for their smaller footprint and easy portability. Turntable drive systems use different support systems, so users must match the weight capacity of the machine (usually 4,000 to 6,000 lbs.) to the maximum load weight that will be processed.



ORBITAL WRAPPING SOLUTION

HORIZONTAL

Orion's line of horizontal wrapping systems can wrap longer loads that don't fit on a pallet. With ring sizes are customized to the application and can accommodate a wide range of product shapes and sizes.

To use a horizontal wrapper, product is conveyed automatically through the wrap zone. The film carriage is mounted to the rotating ring. As the product passes through the ring, the film is wrapped around the product - much like the wrap around the handle of a tennis racket. At the end of the cycle, the film is cut automatically.

Engineered and Built For High Performance and Maximum Durability

What's the Difference Between Semi-Automatic vs. Stand-Alone Automatic vs. Fully Automatic?

SEMI-AUTOMATIC

Semi-automatic machines are generally portable and require greater operator interaction than our fully automatic solutions. Operator-driven activities include attaching the film to the load, running the cycle, and detaching the film after wrapping. In many situations,, throughput rates of up to 30 loads per hour are possible with Orion semi-automatic models.

STAND-ALONE AUTOMATICS

Stand-alone automatic solutions are offered in both rotary tower and turntable models. These solutions enhance our semi-automatic solutions with the convenience of automated film attachment and detachment to the load, rather than requiring operators to perform these activities manually at the beginning and end of each wrap cycle.

FULLY AUTOMATIC

Fully automatic systems have powered conveyors to move pallet loads in and out of the wrapping zone. These conveyors may be loaded by forklift or connected downstream from a conventional or robotic palletizer. The machine is controlled by a microprocessor and does not require an operator to wrap loads.

Standard Features

- 260% powered prestretch film delivery
- Automatic film force to load control
- Auto height detection photoeye
- Maintenance-free AC motors
- Soft start & stop for gentle load handling
- IntelVue color touchscreen HMI
- 3-5 year warranty
- Non-proprietary components
- Durable steel construction for long life
- Forklift portable
- Revo-Logic eliminates film waste on top/bottom wraps
- Octagonal turntable for easy forklift loading (HP models)
- Optional ramp for walkie or pallet jack loading (LP models)

TURNTABLE



FLEX LEGION The Perfect Entry Level Model

- 4" Allen Bradley HMI
- 4,000 lb. maximum load weight capacity
- 15 RPM variable speed turntable
- Rugged steel construction
- 65" turntable for loads up to 52" x 52"
- 200% powered prestretch film carriage
- Chain carriage lift
- Max load height 80" standard / 110" optional



Flex LPD Low Profile Deluxe

- 7" IntelVue color touchscreen
- 6,000 lb. maximum load weight capacity
- 15 RPM variable speed turntable
- 63" turntable for loads up to 55" x 55"
- Precision ring bearing turntable support
- 8 heavy-duty casters for additional support
- Full surround deck protects turntable



Flex HPD High Profile Deluxe

- 7" IntelVue color touchscreen
- 6,000 lb. maximum load weight capacity
- 15 RPM variable speed turntable
- 48" x 48" turntable for loads up to 55" x 55"
- Precision ring bearing turntable support

ROTARY TOWER

SEMI-AUTOMATIC



Flex RTD Rotary Tower Deluxe

- 7" IntelVue color touchscreen
- 16 RPM variable speed arm rotation
- Precision ring bearing support system
- Floor level loading



* RTD, RTA, & RTC are available with gantry frame and fencing options for enhanced wrap zone protection, high speed applications, and oversized loads.

TURNTABLE

SEMI-AUTOMATIC: STAND-ALONE AUTOMATIC



Flex LPA Low Profile Automatic

- 7" IntelVue color touchscreen
- 6,000 lb. maximum load weight capacity
- 15 RPM variable speed turntable
- 63" turntable for loads up to 50" x 50"
- Precision ring bearing turntable support
- Eight heavy-duty casters for additional support
- Full surround deck protects turntable
- Automatic film tail attach/cut/wipedown



Flex HPA High Profile Automatic

- 7" IntelVue color touchscreen
- 6,000 lb. maximum load weight capacity
- 15 RPM variable speed turntable
- 48" x 48" turntable for loads up to 50" x 50"
- Precision ring bearing turntable support
- Automatic film tail attach/cut/wipedown

ROTARY TOWER

SEMI-AUTOMATIC: STAND-ALONE AUTOMATIC



Shown with options, including free standing HMI pedestal.

Flex RTA Rotary Tower Stand Alone Automatic

- 7" IntelVue color touchscreen
- 16 RPM variable speed arm rotation
- Precision ring bearing support system
- Automatic film tail attach/cut/wipedown
- Increases forklift/pallet driver efficiency
- Start cycle with remote control or hanging lanyard
- Floor level loading

TURNTABLE



Flex CTS Conveyorized Twin Station

- 7" IntelVue color touchscreen
- 15 RPM variable speed turntable
- 220V system
- 48" x 48" turntable for loads up to 50" x 50"
- Precision ring bearing turntable support
- Automatic film tail attach/cut/wipedown



FA Turntable Automatic

- 10" IntelVue color touchscreen
- Standard variable speed of 15 RPM
- Soft start/soft stop conveyors and turntable
- Automatic film tail attach/cut/wipedown
- Category 3 safety rating standard

ROTARY TOWER



Flex RTC Rotary Tower with Conveyance

- 7" IntelVue color touchscreen
- 16 RPM variable speed arm rotation
- Precision ring bearing support system
- Automatic film tail attach/cut/wipedown
- Wire-mesh guarding with light curtains and safety controller
- Easily integrates with existing conveyor systems or with AGV's



MA Rotary Stretch System

- 10" IntelVue color touchscreen
- 18 RPM (faster option available)
- Separate high and low voltage cabinets for added safety
- Ultra-safe design with wire mesh guarding, interlocked doors, and light curtain
- Open mechanical design for easy access to motors for maintenance

Orion's Orbital wrappers can unitize a wide range of long and/or oversized products that may be difficult to wrap on conventional stretch wrapping machines. Loads are transported through the ring horizontally as the film carriage spins around it applying prestretched film for a tight and economical wrap.



- Ring sizes for most applications
- Fully automatic
- Multiple custom conveyor sizes & types
- Eliminates costly strapping/corrugate
- Single or dual film carriage configurations
- Powered prestretch film carriage delivers superior load containment and film savings
- Corner compensation feature applies film pressure evenly to entire load



POPULAR OPTIONS FOR AUTOMATIC SYSTEMS



Service Catwalk



90 Degree Turn Conveyor



6-Sided Wrapping System



Top Sheet Dispenser (wrap area model also available)



Palletizer/Wrapper Combo



POPULAR CONVEYOR OPTIONS



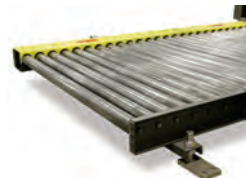
LoPro Conveyor



Chain Transfer Conveyor



90 Degree Turn Conveyor



Low Pass Height