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END OF
LINE

STRETCH PACKAGING SOLUTIONS



STRETCH PACKAGING SOLUTIONS

THE ORION ADVANTAGE

Over 30 years of stretch packaging experience and an installed base of thousands of machines worldwide has earned Orion a reputation for providing industry with the most technically advanced, durable and reliable stretch wrapping systems available today.

From the beginning, Orion engineers have adhered to the principles of quality, durability and efficiency. That's why Orion machines are built from structural steel, heavy-duty industrial grade components and the most advanced electronic controls.

STRETCH WRAP: ECONOMY, EFFICIENCY, VALUE

With today's high-performance stretch films and advanced stretch wrapping machines, stretch packaging is by far the most efficient and cost-effective method of securing pallet loads. When prestretched through a high-performance film delivery system, stretch film becomes super strong, puncture resistant and has a tremendous load holding power thanks to its natural "memory" or elastic quality.



MA-DX

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 Stand Alone Automatic

TURNTABLE MODELS

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 Solutions

HORIZONTAL WRAPPING SYSTEMS

Orion's line of horizontal wrapping systems can wrap longer loads that don't fit on a pallet. With ring sizes ranging from 15 to 90 inches, these machines can accommodate a wide range of product shapes and sizes.

To use a horizontal wrapper, product is either pushed manually, or conveyed automatically through the wrap zone. The film carriage (larger models use two) is mounted to the rotating ring. As the product passes through the ring, the film is wrapped around the product much like the wrapping around the handle of a tennis racket. At the end of the cycle, the film is either cut manually or cut and sealed automatically.

Engineered and Built For High Performance and Maximum Durability



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

SEMI-AUTOMATIC

Semi-automatic machines are generally portable and usually require an operator to attach the film, run the cycle, then detach the film after wrapping. In many situations, throughput rates of up to 30 or more loads per hour are possible with Orion semi-automatic models.

STAND-ALONE AUTOMATICS

Stand-alone automatics offer the convenience and time-savings of an automatic model at a price closer to a semi-automatic. Stand-alone automatics are offered in both rotary tower and turntable models and offer the advantage of automatic film tail attachment and detachment to the load so operators don't need to. This keeps operators busy, productive and performing at maximum efficiency.

FULLY AUTOMATIC

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



FLEX HPS HIGH PROFILE STANDARD

- 5.7" IntelVue Color Touch Panel Controller
- 12 RPM Variable Speed with 'soft-start'
- 4,000 lb. Maximum Load Weight Capacity
- 260% Powered Film Pre-stretch
- Dual ANSI Chain Carriage Lift
- 48"x48" Turntable for Loads up to 55"x55"
- Octagonal Turntable for Easy Forklift Loading
- AC/VFD Motors Reduce Maintenance
- Steel Frame for Durability
- Forklift Portable from Front or Rear
- 4 Heavy-Duty Turntable Support Casters



FLEX HPD HIGH PROFILE DELUXE

- 7" IntelVue Color Touch Panel Controller
- 15 RPM Variable Speed with 'soft-start'
- 5,000 lb. Maximum Load Weight Capacity
- 260% Powered Film Pre-stretch
- 48"x48" Turntable for Loads up to 55"x55"
- Octagonal Turntable for Easy Forklift Loading
- AC/VFD Motors Reduce Maintenance
- Structural Steel Frame for Durability
- Forklift Portable from Front or Rear
- 8 Heavy-Duty Turntable Support Casters



FLEX HPA HIGH PROFILE STAND ALONE AUTOMATIC

- 7" IntelVue Color Touch Panel Controller
- Automatic Wrap Cycle for Efficiency
- 15 RPM Turntable with 'soft-start'
- 5,000 lb. Maximum Weight Capacity
- 260% Powered Film Pre-stretch
- 48"x48" Turntable for Loads up to 50"x50"
- AC/VFD Motors Reduce Maintenance
- Structural Steel Frame for Durability
- Forklift Portable from Front or Rear
- Precision Ring Bearing Turntable Support
- Octagonal Turntable for Easy Forklift Loading



FLEX CTS CONVEYORIZED TWIN STATION STAND ALONE AUTOMATIC

- 15 RPM Maximum Rotation
- Low maintenance AC drive motors
- Forklift drivers stays in vehicle
- Ring Bearing turntable support
- Automatic Sequencing:
 1. Forklift driver places load on turntable
 2. Driver starts cycle remotely without getting out
 3. Load is wrapped, film tail is cut
 4. Film tail wiped to load as it is automatically conveyed to gravity conveyor
 5. Turntable is now clear & ready for new load



FLEX LPS LOW PROFILE STANDARD

- 5.7" IntelVue Color Touch Panel Controller
- 12 RPM Variable Speed with 'soft-start'
- 4,000 lb. Maximum Load Weight Capacity
- 260% Powered Film Pre-stretch
- 63" Diameter Turntable for Loads up to 55"x55"
- Load via Forklift, Pallet Jack or Electric Walkie
- AC/VFD Motors Reduce Maintenance
- Optional Ramp for Pallet Jack Loading
- Steel Frame for Durability
- Forklift Portable from Front of machine
- DuraGlide Turntable support system
- Dual ANSI Chain Carriage Lift



FLEX LPD LOW PROFILE DELUXE

- 7" IntelVue Color Touch Panel Controller
- 15 RPM Variable Speed with 'soft-start'
- 5,000 lb. Maximum Load Weight Capacity
- 260% Powered Film Pre-stretch
- 63" Diameter Turntable for Loads up to 55"x55"
- Load via Forklift, Pallet Jack or Electric Walkie
- AC/VFD Motors Reduce Maintenance
- Full Surround Deck Protects Turntable
- Structural Steel Frame for Durability
- Forklift Portable from Front or Rear
- DuraGlide Turntable support system



FLEX LPA LOW PROFILE STAND ALONE AUTOMATIC

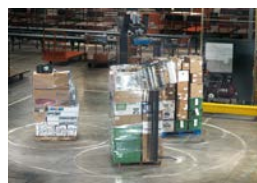
- 7" IntelVue Color Touch Panel Controller
- Automatic Wrap Cycle for Efficiency
- 15 RPM Variable Speed with 'soft-start'
- 5,000 lb. Maximum Load Weight Capacity
- 260% Powered Film Pre-stretch
- 63" Diameter Turntable for Loads up to 50"x50"
- Load via Forklift, Pallet Jack or Electric Walkie
- AC/VFD Motors Reduce Maintenance
- Full Surround Deck Protects Turntable
- Structural Steel Frame for Durability
- Forklift Portable from Front or Rear
- Precision Ring Bearing Turntable Support with added DuraGlide bearings



SENTRY BY ORION THE PERFECT ENTRY LEVEL MODEL

- The Perfect Entry Level Model
- 9 RPM Variable Speed with 'soft-start'
- 4,000 lb. Maximum Load Weight Capacity
- 200% Powered Pre-stretch Film Carriage
- Auto Load Height Sensing Photoeye
- AC/VFD Motors Reduce Maintenance
- Structural Steel Frame for Durability
- Adjustable Film Tension Carriage
- Forklift Portable Front or Rear
- Optional Loading Ramp
- Multi-language Display

OPTIONS



3-Station Option M Series



Scale Package



Dual Turntable



Top Platen Load Stabilizer

ORBITAL WRAPPING SOLUTIONS



- Horizontal orbital wrapping ideal for long product
- Available in semi- and fully automatic models
- Configured with or without conveyor systems
- Ring sizes available from 15" to 90" inch
- Single or Dual Prestretch Film Carriages
- Cost reduction vs. corrugated, strapping, etc.
- Elastic quality of film keeps loads tightly unitized
- Highly customizable to meet your application

ROTARY TOWER

SEMI-AUTOMATIC & STAND ALONE AUTOMATICS



FLEX RTA ROTARY TOWER AUTOMATIC STAND ALONE AUTOMATIC

- 16 RPM Variable Speed Tower
- Automatic Film Tail Attach/Cut/Press
- Start Cycle With Hanging Lanyard
- No Maximum Load Weight Capacity
- High Performance Film Delivery Carriage
- Precision Ring Bearing Drive System
- AC/VFD Motors for Reduced Maintenance
- Structural Steel Construction for Durability
- Heavy Duty Chain & Sprocket Drive
- Tower Mounted Obstacle Sensing System



FLEX RTD ROTARY TOWER DELUXE

- 16 RPM Variable Speed Tower
- No Maximum Load Weight Capacity
- High Performance Film Delivery Carriage
- Precision Ring Bearing Drive System
- AC/VFD Motors for Reduced Maintenance
- Structural Steel Construction for Durability
- Heavy Duty Chain & Sprocket Drive
- Tower Mounted Obstacle Sensing System



* RTA and RTD are available with a gantry frame fencing option for enhanced wrap zone protection and/or high speed applications.



AG360 WRAPPING ROBOT

- Battery operated portable wrapper
- Wrap approx. 30 loads per hour or 300 loads per charge
- Automatic film cut off at cycle end
- IntelleVue color touch screen HMI
- Adjustable film prestretch: 200% or 250%
- Fast & safe stretch film loading
- Sensor bumper detects obstacles
- Automatic corner compensation prevents crushing the corners of the load

TURN TABLE

FULLY AUTOMATIC



FA

- 15-25 RPM Maximum Rotation
- 4,000 lb. Weight Capacity
- 260% Prestretch Level
- Up to 75 loads per hour
- Smaller Footprint
- Category 2 Safety Rating

ROTARY TOWER

FULLY AUTOMATIC



MA-X

- 30-36 RPM Maximum Rotation
- 4,500 lb. Weight Capacity
- 260% Prestretch Level
- Up to 100 loads per hour
- Category 2 Safety Rating



MA-DX

- 18-30 RPM Maximum Rotation
- 4,500 lb. Weight Capacity
- 260% Prestretch Level
- Up to 75 loads per hour
- Category 2 Safety Rating

MA-ST

- 12-18 RPM Maximum Rotation
- 4,500 lb. Weight Capacity
- 260% Prestretch Level
- Up to 50 loads per hour
- Category 2 Safety Rating

POPULAR CONVEYOR OPTIONS



Split Conveyor



LoPro Conveyor



Chain Transfer Conveyor



High Pass Height



Low Pass Height

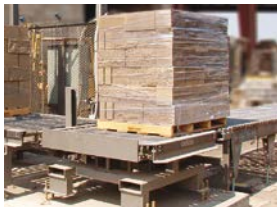


X-tra Duty 6,000 lb. capacity

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

FOR MORE INFORMATION:
800-333-6556 • OrionPackaging.com



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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 an industry-leading manufacturer of automatic and semi-automatic 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.

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