LP & HP Series
Turntable
Stretch Wrapping Systems

Flex turntable stretch wrappers are available in three configurations so you can be sure to find the right machine for your application.

Automatic
Flex A Series machines offer maximum efficiency and economy by automating the film tail process. Available with high or low profile turntable.

Deluxe
The Flex D Series is the semi-automatic workhorse of the industry. D models are for medium to higher speed applications. Available with high or low profile turntable.

Standard
The Flex S Series offers incredible value and affordability with just the features you need. Ideal machine for light to medium duty applications. Available with high or low profile turntable.
Flex A models eliminate the need for operators to attach and cut the stretch film. Simply place the pallet load on the machine, and pull a lanyard switch while backing away. The machine will perform the entire wrap cycle automatically without the need for an operator to tie the film tail to the load at the beginning of the cycle, and detach it at the end. This will greatly impact the efficiency of your stretch packaging operation by keeping your operators busy with other tasks while the machine is wrapping.

* Optional loading ramp required. Above model shown with optional ramp

Flex Low Profile Automatic Performance Features
- Automatic Cycle Reduces Labor
- 15 RPM Variable Speed with ‘soft-start’
- 5,000 lb. Maximum Load Weight Capacity
- Economical 260% Powered Film Pre-stretch
- 63" Diameter Turntable for Loads up to 50"x50"
- Max Load Height 80" Standard, 110" Optional
- Load via Pallet Jack*, Electric Walkie* or Forklift
- AC/VFD Motors Reduce Maintenance
- Full Surround Deck Protects Turntable
- Structural Steel Frame for Durability
- Easy to Load Film From Side
- Forklift Portable from Front or Rear

Turntable support on the Flex HPA provided by a precision ring bearing for maximum durability.

Flex High Profile Automatic Performance Features
- Automatic Cycle Reduces Labor
- 15 RPM Variable Speed with ‘soft-start’
- 5,000 lb. Maximum Load Weight Capacity
- Economical 260% Powered Film Pre-stretch
- 48"x48" Turntable for Loads up to 50"x50"
- Max Load Height 80" Standard, 110" Optional
- Octagonal Turntable for Easy Forklift Loading
- AC/VFD Motors Reduce Maintenance
- Structural Steel Frame for Durability
- Easy to Load Film From Side
- Forklift Portable from Front or Rear

* Optional ramp required for pallet jack, electric walkie loading

A precision ring bearing and Orion’s DuraGlide cams provide reliable support for loads weighing up to 5,000 pounds.
PLC Controller

- Non-Proprietary PLC
- NEMA 12 Rated Control Box
- A models Include Lanyard switch for remote start
- Large E-Stop / Cycle Pause Button
- Power Lockout Disconnect Switch

Control Panel HMI on D & A models

A versatile color touch screen display on D and A models guide the operator through a range of menu items for easy adjustment of operating parameters. Settings can be password protected for added security.

Flex D & A models use an industrial grade woven belt carriage lift for long service life and reliability. Orion’s “drop lock” system prevents carriage movement in the unlikely event of belt breakage.

Orion Insta-Thread™ Film Delivery System

Film threading is fast, easy and safe thanks to simple “drop-in” film loading. Simply open the gate, drop the film tail in, and close the gate.

Graphic instructions on top of the carriage guide the operator through film threading.

Flex stretch machines help you reduce material costs, labor costs and because they’re so rugged, your true cost of ownership.

Flex machines are built rock solid

Orion’s Flex stretch wrapping machines are built from heavy gauge structural and formed steel to assure a long lasting, durable machine. For convenience, all machines are forklift portable so they can be moved to the location where needed. With normal maintenance, your Flex stretch wrapper will give you many years of reliable and trouble-free use.

Film Tail Treatment System

The HPA and LPA feature a fully adjustable film tail clamp, cut and wipe mechanism that accurately catches the last film wrap, cuts it with an impulse hot wire, then smoothly brushes the film tail to the load. The film’s natural tackiness keeps the tail firmly attached to the load. The system is designed to operate with a variety of load types and sizes, and has numerous adjustment points.
Flex Low Profile Deluxe Performance Features

- 15 RPM Variable Speed with ‘soft-start’
- 5,000 lb. Maximum Load Weight Capacity
- Economical 260% Powered Film Pre-stretch
- 63” Diameter Turntable for Loads up to 55”x55”
- Max Load Height 80” Standard, 110” Optional
- Load via Pallet Jack*, Electric Walkie* or Forklift
- AC/VFD Motors Reduce Maintenance
- Full Surround Deck Protects Turntable
- Structural Steel Frame for Durability
- Easy to Load Film From Side
- Forklift Portable from Front or Rear
- DuraGlide Support Bearings for quiet & reliable operation

* Optional loading ramp required. Above model shown with optional ramp.

Flex High Profile Deluxe Performance Features

- 15 RPM Variable Speed with ‘soft-start’
- 5,000 lb. Maximum Load Weight Capacity
- Economical 260% Powered Film Pre-stretch
- 48”x48” Turntable for Loads up to 55”x55”
- Max Load Height 80” Standard, 110” Optional
- Octagonal Turntable for Easy Forklift Loading
- AC/VFD Motors Reduce Maintenance
- Structural Steel Frame for Durability
- Ergonomically Friendly Design
- Forklift Portable from Front or Rear
- 8 Heavy-Duty Turntable Support Casters

Flex A and D low profile models feature a heavy duty steel base with structural fork tubes that run the length of the machine. Turntable support provided by specially designed casters.

Flex HPD high profile offers reliable chain drive, a heavy duty steel frame and 8 industrial casters for turntable support.
Orion is proud to introduce the new Standard, or “S” Series, the latest addition to the popular Flex Series of stretch wrapping machines. The new High Profile Standard (HPS) and Low Profile Standard (LPS) have been designed to provide the same standards of durability, reliability and performance as the rest of the Flex line, yet at an affordable price.

The simple yet functional control panel on the S Series features physical START and E-STOP buttons and a menu-driven touch panel for setting operating parameters and other functions.

Flex Low Profile Standard
Performance Features

- 12 RPM Variable Speed with ‘soft-start’
- 4,000 lb. Maximum Load Weight Capacity
- Economical 260% Powered Film Pre-stretch
- 63” Round Turntable for Loads up to 55”x55”
- Max Load Height 80” Standard, 110” Optional
- Password Lockout Capability Prevents Tampering
- AC/VFD Motors Eliminate Brush Maintenance
- Automatic Load Height Photoeye
- Structural Steel Frame for Durability
- Fork Lift Tubes for Easy Portability
- Long-Lasting DuraGlide Bearing Support
- Direct Chain & Sprocket Turntable Drive
- Separate UP/DOWN Carriage Speed

Flex High Profile Standard
Performance Features

- 12 RPM Variable Speed with ‘soft-start’
- 4,000 lb. Maximum Load Weight Capacity
- Economical 260% Powered Film Pre-stretch
- 48”x48” Turntable for Loads up to 55”x55”
- Max Load Height 80” Standard, 110” Optional
- Password Lockout Capability Prevents Tampering
- AC/VFD Motors Eliminate Brush Maintenance
- Automatic Load Height Photoeye
- Structural Steel Frame for Durability
- Fork Lift Tubes for Easy Portability
- 4-Point Caster Support for reliable operation
- Direct Chain & Sprocket Turntable Drive
- Separate UP/DOWN Carriage Speed
State-of-the-art Controller Technology

From its clean and simple user interface on the outside to its sophisticated programmable logic controller and AC variable frequency drives inside, every aspect of the Flex control package has been designed for maximum reliability, flexibility and ease-of-use.

Optional Heavy Duty Ramp for Easy Loading via Electric Walkie or Pallet Jack

An optional Flex loading ramp can be placed in any one of three loading positions: right, left or center. Flex LPA and LPD models feature a full surround deck around the turntable for added convenience when placing loads. Gradual turntable acceleration (soft-start) assures that light or unstable loads can be safely wrapped.

Orion Insta-Thread™ Film Delivery System

Flex A and D Series machines help you reduce cost with every load you wrap. With a standard film pre-stretch rate of 260% (higher than most competitive machines) you’ll not only save money by using less film, the film on the load will be stronger, so loads are securely wrapped for storage or shipping.

Feature for feature, dollar for dollar, Orion Flex stretch wrappers offer you more value than any competitive machine on the market today.
Popular Flex Series Options

Contact your local Orion distributor for the best configuration for your application.

- Loading Ramp
- Oversize Load Configuration
- 30" Insta-Thread™ Film Carriage
- Insta-Cut™ Automatic Film Web Severance
- “Stretch & Weigh™” Scale Package
- Dual Turntable Option
- Extra Heavy Load Weight Capacity
- Environmental Options
- French or Spanish HMI Language

The双转盘选项，适用于高或低轮廓型号，通过同时加载预堆叠和包裹来提高效率。

The split base option is used with oversized loads. This option can be combined with the scale option to provide an accurate load weight.

The Insta-Cut option boosts production by eliminating the need for operators to manually sever the film web at the end of the cycle.

The motorized top platen option is ideal for unstable loads. The platen lowers to press down on the top of the load while wrapping.

The dual turntable option, available for high or low profile models, increases efficiency by allowing simultaneous load staging and wrapping.

The gravity conveyor option allows for integration with infeed and exit conveyor for easy roll-on, roll-off load movement.
## Features & Available Options

### Flex FEATURES Chart

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<td>Film Carriage &quot;Drop-Lock&quot; Technology</td>
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### Diagrams

- Flex LPD & LPA Dimensions
- Flex HPD & HPA Dimensions
- Flex HPS Dimensions
- Flex LPS Dimensions

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