

“BEST CARRIAGE
IN THE INDUSTRY
AND IT’S A
NO-THREAD!”



NO-THREAD® Powered Pre-Stretch Carriage With Revolutionary Spring Loaded Carriage Gate

Pre-Stretch Profitability

Wulftec’s NO-THREAD® Powered Pre-Stretch carriage allows film to be stretched up to 300% for optimal film use and reduced costs—without compromising wrap strength and consistency. Preset pre-stretch ratios are available ranging from 50-300%, standard is 200%.

Safety First

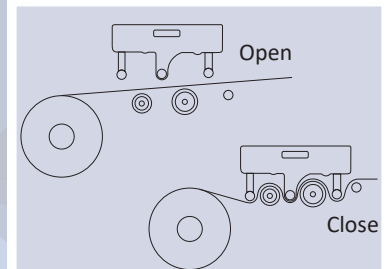
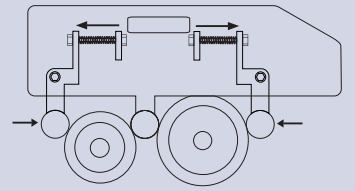
Designed with safety in mind; no film threading is required and a lexan cover eliminates operator’s ability to reach rollers when gate is closed. Our linear device compensates for corners to provide even film tension on the load. The “Maintenance Free” spring loaded carriage gate equipped with spring loaded rollers, ensures optimal contact with the stretch film year after year, without involving maintenance.

Maintenance Free Spring Loaded Carriage Gate

Wulftec carriage loading gate eliminates any maintenance required on the carriage in order to ensure the proper stretch level at all times. It is equipped with spring loaded rollers, which ensure optimal contact with the stretch film - without involving maintenance. No more film slippage due to lack of maintenance! We have the best carriage in the industry with our cut-proof lifetime warranted pre-stretch rollers and the maintenance free spring loaded carriage gate.

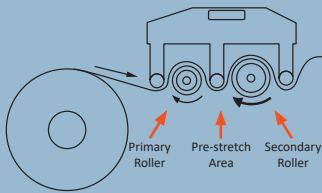
Features

- Maintenance free
- Safe and fast loading (no threading)
- Lexan gate safety cover
- Double latch safety gate lock
- Virtually silent operation
- Electronic film tension control with analog sensor
- Excellent film stretching performance
- Maintenance free AC motor with variable frequency drive for corner compensation
- Lifetime warranty on pre-stretch rollers’ blue compound
- Dual #40 lifting chains



What is Pre-Stretch?

What is Pre-Stretch and how does it work?



It is the controlled process of stretching the film before it is applied to the load.

The film passes between two rollers (primary and secondary) and a series of pinch rollers on the film carriage. The primary roller pulls film from the film roll and into the film carriage at a controlled speed.

Due to the difference in the diameter of the rollers and the ratio of the gearing driving the rollers, the secondary roller turns at a faster speed than the primary roller, so the film is stretched between the two.



Why use Pre-Stretch?

Pre-stretch film memory

- Once stretched, film tries to return to its initial form. This is called the memory of the film.
- It is this film memory that helps differentiate pre-stretch film from other methods of unitizing; it pulls back tightening on the load to better contain the product.
- Minutes after the film is applied to the load, even with little or no film tension, the tightening action of the film's memory can be seen.
- Settling that can occur during shipment tends to loosen other methods of unitizing, whereas film memory continues to secure the load.

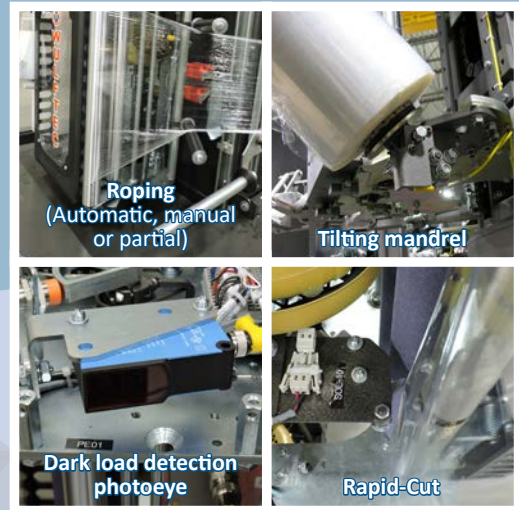
Strength

- As you stretch the film, the tensile strength of the film is increased.
- Depending on the ratio of the pre-stretch gearing, the tensile strength of the film can be increased up to twice as much as unstretched film.

Significant savings

- Pre-stretching film drastically reduces the cost of consumables (film) compared to wrapping a load with unstretched film, such as hand wrapping.
- Machine payback can be as quick as 6 months.

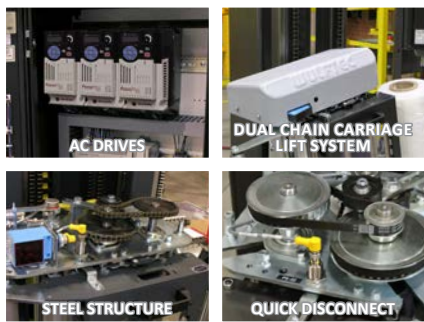
Some options available



Reduced film waste by optimized resolution: We use a higher resolution positioning system to deliver the film in a more accurate quantity. This means an average film reduction of 4 feet of film per pallet when compared to other control systems! That's 60 miles¹ of unstretched film per year!

Reduced general waste by better product protection for handling and transport: With very low wrap capability, the product is properly secured to the pallet, resulting in a pallet that is more stable for transport and therefore less damage!

Reduced electricity consumption: By using variable frequency drives on all its motors, Wulftec ensures that only the power required by the load is used, regardless of the HP of the motor. By this, we have standardized our motor sizes, allowing for less parts in inventory for us and our customers. This translates into greener operations at our end and at your end.



1. Based on a production rate of 60 pallets per hour, 2 shifts, where 50% of the production is in "peak-mode", 250% pre-stretch



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