"Solis" Accumulator

Festoon style material storage and dispensing

The Solis accumulator is ideal when part of a production process must come to a stop while the rest of the line continues to run.

It allows storage of moving web material in order to have a reserve available when a stoppage is required.

Available in various sizes and storage capacities.

The unit operates as its own tension zone by means of a servo driven infeed roller and an outfeed pneumatic dancer roller. The storage festoon height and speed is controlled by servo motor.

In many processes (coating and laminating, for example), the material speed affects the quality of the end product, making it desirable to maintain consistent web speed, or at least to maintain a moving web. The accumulator allows the web to keep moving while a related process requiring an idle web (a manual splice, for example) is carried out.

What Makes the Solis Different?

Based on the festoon storage method, the Solis solution is unique. Most importantly, it is extremely easy to operate. The cycle can be remotely initiated or locally initiated simply with the flip of a switch. Although the Solis is easy to operate, it is full of features and technology.

- Functions, parameters, and alarms are set with a user friendly touch panel.
- Seamless delivery of perfect web tension throughout the cycle.
- The amount of material storage can be set and/or changed on the fly.
- The system can send alarms at user definable amounts of material.
- Webbing position allows straight through web path.
- Sleep mode for the festoon carriage reduces energy consumption.
- Easy integration of accessories including web guiding and inspection lamps.
- Safety interlocked guards with emergency stop buttons at strategic locations.

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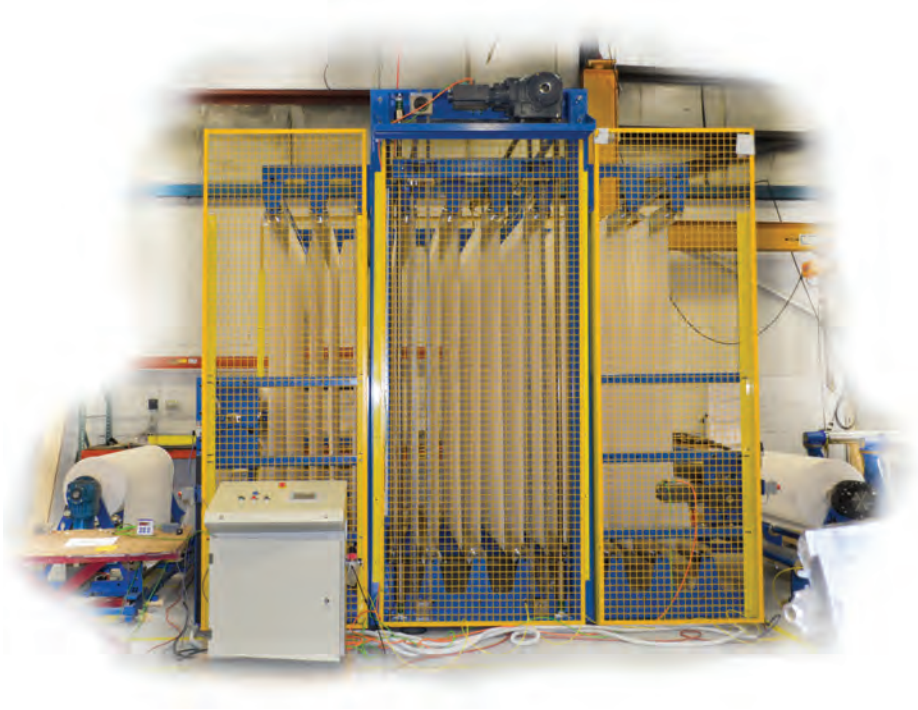
"Solis" Accumulator Specifications



Solis Accumulator Sizing

Web Width	Storage	Design Tension
<=90"	200	Up to 1.5PLI
<=60"	100	Up to 2PLI
<=30"	50	Up to 3PLI

Company Name: _____ Date: _____

Name: _____ Title: _____

Address: _____

City, State, Postal Code, Country: _____

Telephone: _____ Fax: _____ e-mail: _____

Application Information

Material: _____

Maximum Web Speed: _____ fpm

Maximum Web Width: _____ in

Time for Stop: _____ sec

Max Material Tension: _____ pli

L x W x H Available: _____ in

Material Thickness / Weight: _____ gsm

Minimum Web Speed: _____ fpm

Minimum Web Width: _____ in

Speed Signal Available? Yes ☐ No ☐

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