



Professional Packaging Systems

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Contact

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PFM Tornado LD Horizontal Flow Wrapper

At a Glance

- Creates hermetically sealed packages for Modified Atmosphere Packaging
- Produces up to 100 packages per minute
- Designed for easy cleaning

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.



High-Speed Modified Atmosphere Packaging

The PFM Tornado LD is a high-speed, long-dwell horizontal flow wrapper produces up to 100 packages per minute with hermetically closed seals. The Tornado LD is specifically designed to be compatible with Modified Atmosphere Packaging (MAP).

Benefits

With a long-dwell, continuous-flow, transverse-sealing system, the Tornado LD reaches packaging speeds of up to 100 packages per minute while delivering hermetical seals.

The cantilevered construction houses the mechanical and electrical components at the rear of the machine in separate and protected areas. The sealing units and conveyor surfaces are housed at the front. The machine face is therefore free from obstacles and can easily be cleaned, preventing production waste from coming into contact with mechanical and electrical parts.

The Tornado LD brings high performance levels, reduced maintenance, and is built with top-quality materials and components. These machines are built to last.

Features

- 2.5-meter infeed conveyor with adjustable approach rollers
- Adjustable forming box for quick changes in package dimensions
- Double self-centering reel holder complete with brake
- Photocell for print registered wrapping material centering
- Balancing device for controlling the tension of the film

Crimper dwell timing in oil bath
Motorized height adjustment of crimpers

Models Available

With reel feed from above (conventional)
With reel feed from below (inverted)
Electronic version
Servo version
Polyethylene version
LVA version: automatic package length adjustment depending on product length

Tornado Servo

Automatic programming capabilities allow easy set up of the machine's functions for up to 60 separate programs via a touch screen control panel.

Format changes are recalled automatically: product length, deceleration, various product stages, print position.

Tornado Servo functions also include no product / no bag functions and automatic height adjustment of the transverse sealing jaws.

Options

Date / bar code printing equipment
Automatic reel splicer
Longitudinal tin seal with trimming device and removal of excess trim for a smooth, uniform seal
Modified Atmosphere Packaging (MAP)

Product Dimensions

Length: 0.39" - 13.78" (10mm - 350mm)
Width: 0.39" - 12.6" (10mm - 320mm)
Height: Up to 4.33" (110mm)

Specifications

Film Width: 27.56" (750mm)
Film Roll Max OD: 13.78" (350mm)
Electrical: 380V, 3 Phase, consumption 7kw
Machine weight: 2,204 lbs (1,000 kg)

Please [contact Pro Pac](#) or call 888-318-0083 for your fin seal flow wrapping equipment.