

PFM Hurricane Horizontal Flowrapper

PFM Hurricane

PFM Hurricane: Simplicity and Elegance

Horizontal flowwrap packaging machine which produces closed packs with three sealed edges from a reel of heat-sealable wrapping material.

Packaging which is strong, attractive and perfect: the special design of the forming box, optimum calendar and rollers for film transfer and the positioning of components combine to give a machine which wraps products perfectly, producing accurate, crease free seals.

High flexibility and quick size change: the Hurricane can wrap a wide range of regularly shaped, solid products from the food, stationery, chemical and pharmaceutical sectors. It is not necessary to change any mechanical parts in order to adjust the set-up, this is done by using two hand-wheels which carry out immediate adjustments to the pack length and the speed of the sealing crimpers.

Heat-sealable materials: special technical solutions have been applied which enable the Hurricane to use heat-sealable materials such as laminated or bonded polypropylene, polyethylene (Poly version), micro-perforated and shrink-wrap materials.



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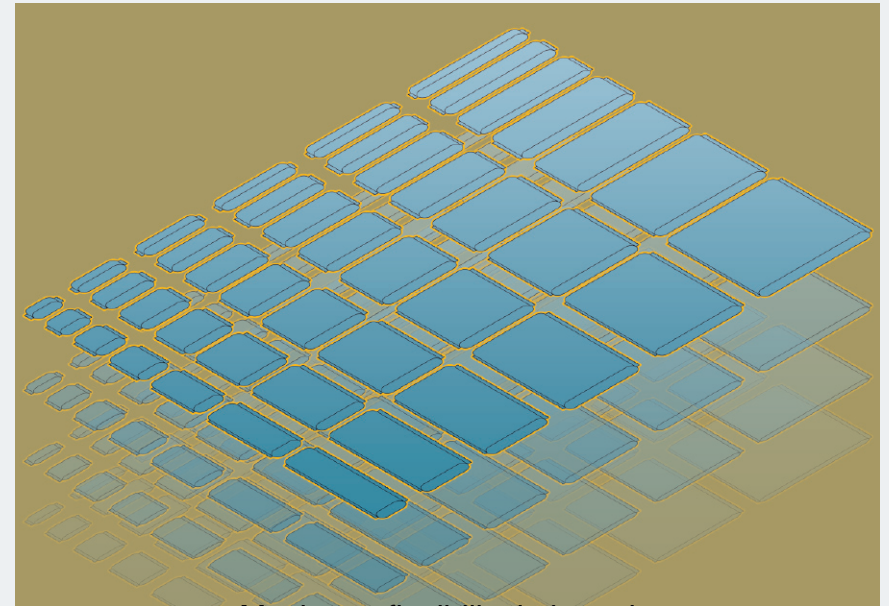


Technical Specifications

- Conforms to EEC standards.
- 2 M long infeed conveyor belt with quick-release and interchangeable pushers.
- Forming box with adjustable height and width for different size products.
- 3 sets of wheels for longitudinal sealing: the first draws the wrapping material, the second seals the material and the third folds the flap.
- Self-centering reel holder with brake.
- 600 mm long motorized discharge conveyor.
- All product contact parts are built in AISI 304 stainless steel.
- Carbon steel frame, standard colour white RAL 9010 or AISI 304 stainless steel version.

Versions available

- 3 servo motors, electronically controlled. 250mm wide sealing crimpers. A dedicated axis motion controller traces the position of each motor which separately drive the infeed conveyor, the fin seal rollers and the crimpers. The control panel includes a touch screen HMI to visualise all the messages and the programming menu.
- Extra Wide servo version. 350mm wide sealing crimpers.



Maximum flexibility in bag sizes.



Hurricane Extra Wide Version



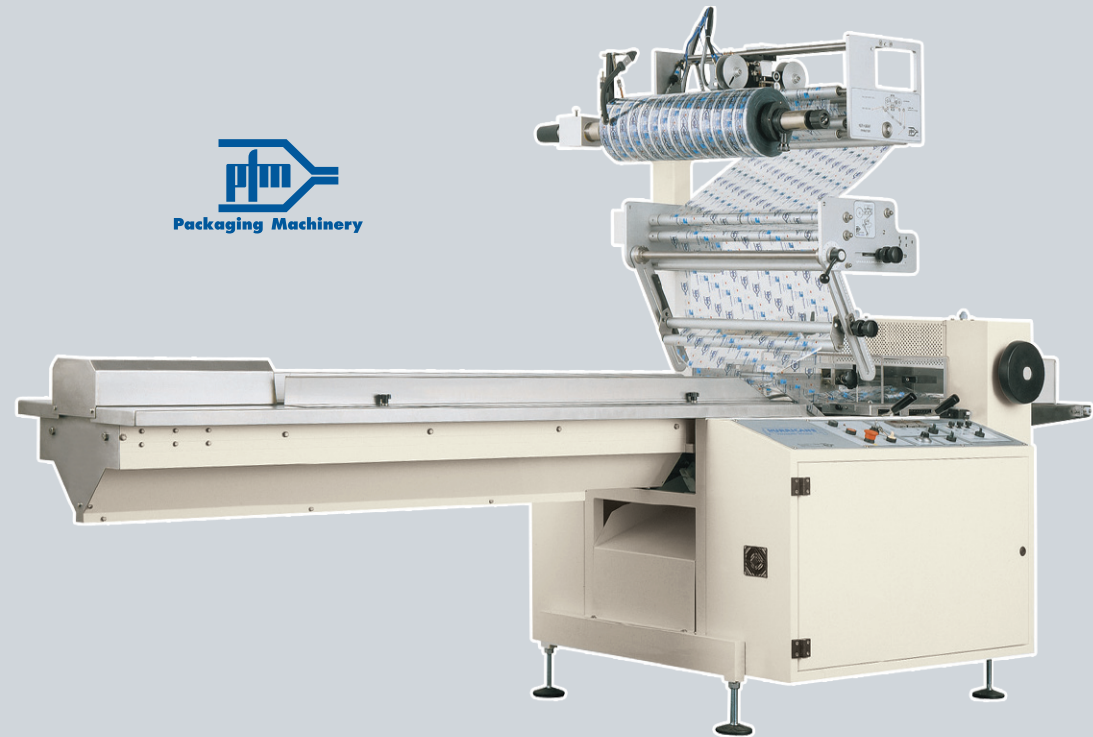
Hurricane, Automatic Tray Loader ATL.

PFM Hurricane EW



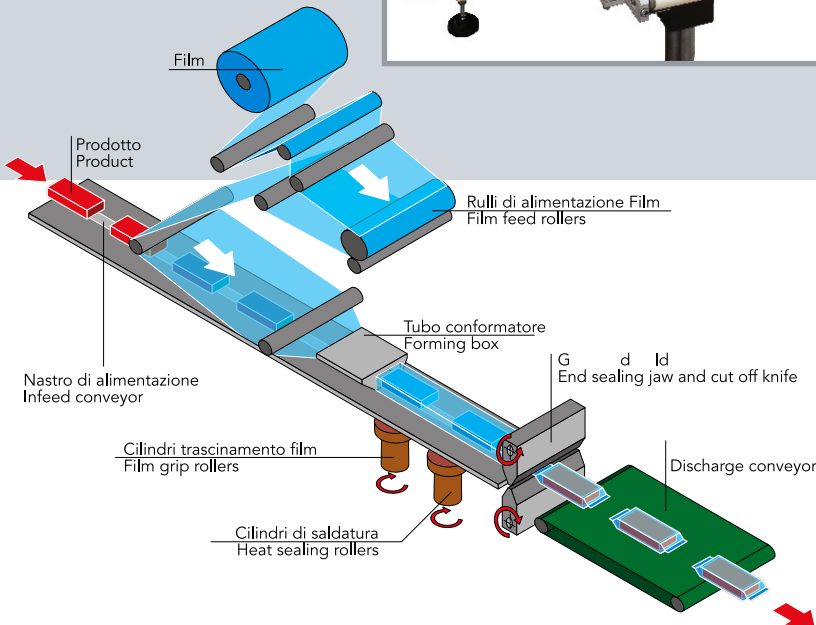
PFM Hurricane EW

The **Hurricane Extra Wide (EW)** version combines a high degree of operating flexibility with excellent production capacity. Able to produce extra large packs: the reel width measures up to 750 mm and the sealing unit up to 350 mm.



Optional

- Date printer.
- Photocell for print registration.
- Multi pitch infeed: useful when the products to be wrapped vary greatly in length.
- Double reel holder.
- Pre-heating of the first set of Fin Wheels: useful for speeds greater than 100 packs/min.
- Two up Sealing Crimper Jaws for use with smaller products and for higher speed.
- Shrink Version.



Technical Data

	Hurricane	Hurricane EW
Pack length:	min 40, max 350 mm	min 40, max 350 mm
Pack width:	min 5, max 220 mm	min 5, max 320 mm
Pack height:	up to 100 (standard version) 140 mm (Special version)	up to 100 (standard version) 140 mm (Special version)
Reel width:	max 500 mm	max 700 mm
Reel diameter:	max 350 mm	max 350 mm
Width of sealing crimper jaws:	250 mm	350 mm
N° of up sealing crimpers jaws:	1 - 2	1 - 2
Mechanical speed	up to 100 cycles/min*	up to 100 cycles/min*
Weight:	350 Kg	400 - 350 Kg
Power consumption:	3,5 Kw	3,5 - 5,5 Kw
Power supply:	380V 3phase+neutral+earth - 50Hz	380V 3phase+neutral+earth - 50Hz

* Depending on product size wrapping material and number of crimpers.

PFM reserve the right to make modifications without prior notice.

Machine Layout

