

**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.



# PFM Hurricane: Simplicity and Elegance

# PFM Hurricane

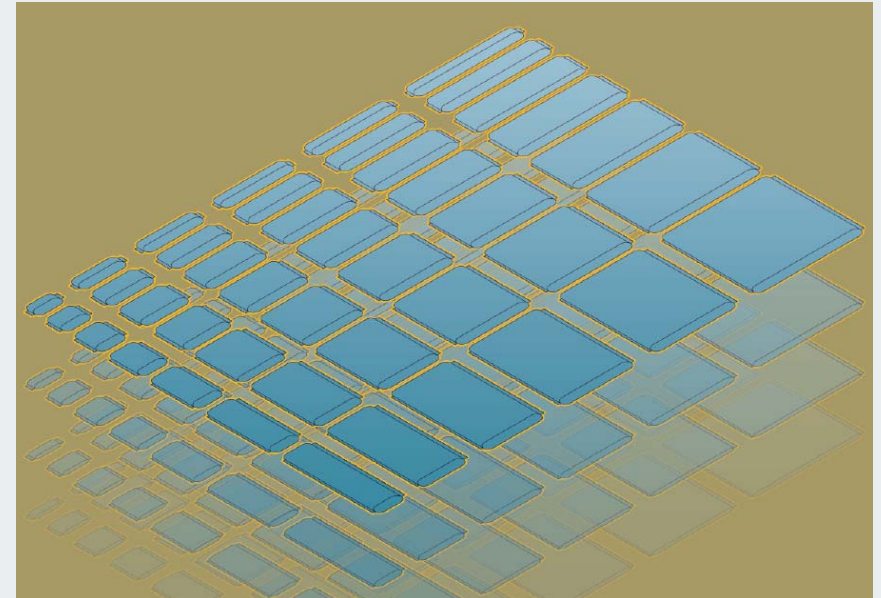


## Technical Specifications

- 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



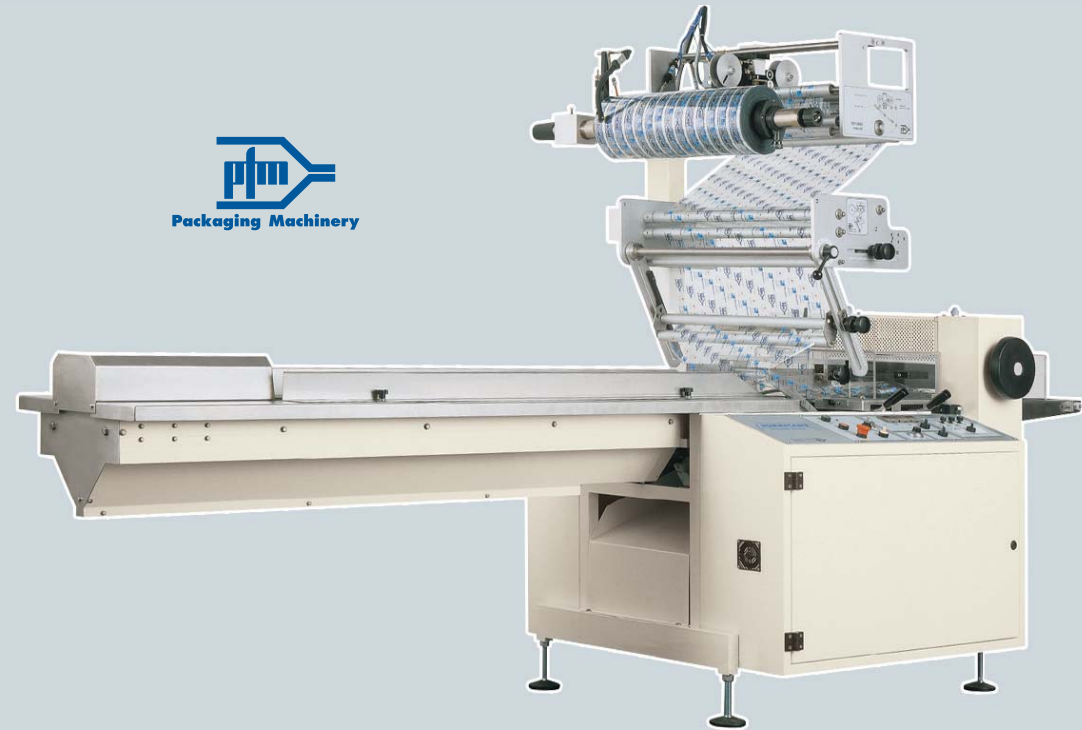
Hurricane, Automatic Tray Loader ATL.

# PFM Hurricane EW



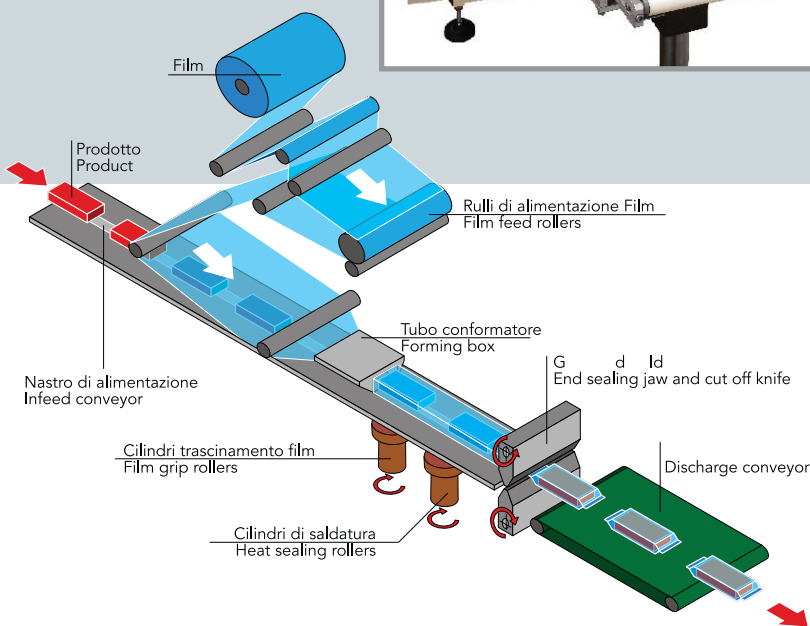
## PFM Hurricane EW

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.



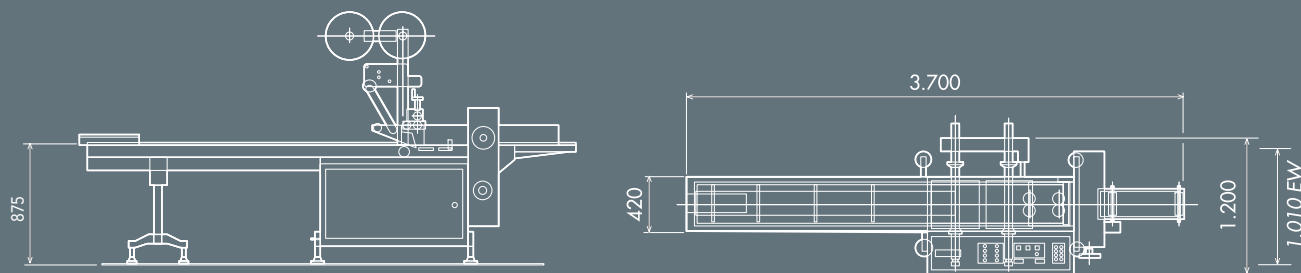
## Technical Data

	<b>Hurricane</b>	<b>Hurricane EW</b>
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



## PFM Group: a Network of Packaging Solutions

**PFM Packaging Machinery** is an industrial group made up of nine companies: the Italian parent company, **PFM Packaging Machinery**, which works alongside the **UK PFM LTD**, **North American PFM Corporation**, and German **PFM Germany** companies. **BG Pack SPA**, which is based in Bergamo, specialising in the manufacture of special packaging machines for recloseable packs. **MBP**, based in Mantua, specialise in the production of multi-head weighers and vertical packaging machines thereby completing the range offered by **PFM**. Last in order of acquisition is **SPS Italiana Pack Systems**, which has come back into the hands of those who founded the company after exchanging ownership a number of times: this Company from Novara manufacture automatic handling and packaging machines for baked goods and biscuits, chocolate bars and wafers. In 2006 **PFmeccanica** was founded to form a new production centre for mechanical components. In November 2007 **PFM Russia** was founded, the new commercial and logistic base for the Eastern European markets. An extremely high level of specialisation of the individual manufacturing units, perfect integration between the individual technical departments, which also remain independent, Vision 2000 organisation of marketing and after-sales areas, are a few of the factors which have helped the Group achieve major results: 280 employees and a turnover of 64 million Euros in 2007. The **PFM Group** meets all the requirements of flexible packaging in all the food and non food industries and has made a major name for itself on the world market.

**PFMGroup**  
Network of Packaging Solutions

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