

PFM Group

Network of Packaging Solutions

www.pfm.it



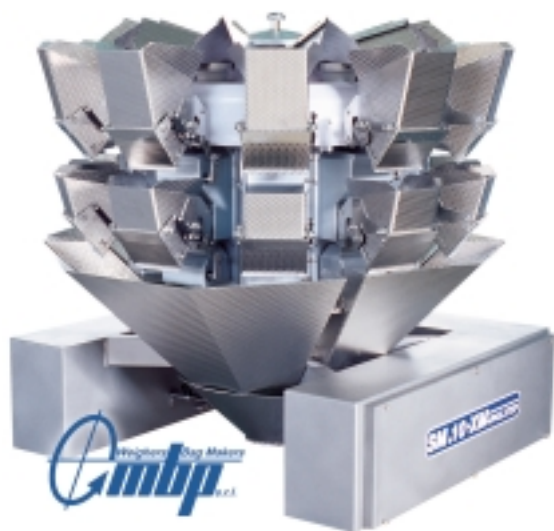
PFM S.p.A. PACKAGING MACHINERY ITALIAN HEADQUARTERS
Via Pasubio, 49 - 36036 Torrebelficino (VI) ITALY - Tel: (+39) 0445. 570.110 - Fax: (+39) 0445. 570.175 - Internet: www.pfm.it - E-mail: pfm@pfm.it

PFM Packaging Machinery is an industrial group made up of six companies: the Italian head office PFM Packaging Machinery is flanked by the British-based PFM LTD and Canadian-based PFM Corporation USA & Canada. BG PACK SPA, based in Bergamo, is specialised in the manufacturing of special packaging machines for re-sealable packages while MBP, based in Mantova, is specialised in the manufacturing of multi-head weighers and vertical packaging machines which complement PFM's range. Last but not least in order of acquisition is SPS Italiana Pack Systems, a company based in Novara which manufactures automatic packaging installations for oven-baked products and biscuits.

The group today is one of the leaders in the packaging of milk and dairy products: drained or non-drained mozzarella, pizza cheese in rolls, cheese in portions or blocks, grated cheese or cheese strings and cubes. Over 2000 PFM machines have been sold. Attention to detail, research and innovative solutions have always been our strong point.

COMET, the latest addition to the PFM family, represents the very best technology the company has to offer and is the fruit of decades of research and technological development. Comet produces three-seal packages starting with a reel of heat-sealing film. The compact design ensures perfect control and synchronisation with feeder systems; the rotary long-length sealing system is the new generation and enables a production rate of up to 150 cycles a minute to be achieved. **COMET** is driven by two in-line independent brushless motors. It comes complete with a touch screen control panel, which simplifies programming operations and the tele-servicing system for on-line configuration and diagnostics. The Ermetic Box system made of AISI 304 steel prevents powders or liquids from entering the machine and meets the requirements for perfect hygiene.

The system of self-centring the reel mounted on a motorised expansion shaft in real time enables the reel to be maintained perfectly in line at all times with the forming tube and the film perfectly tensioned.



Comet can be combined with an automatic loader for the packaging of mozzarella or a multi-head weigher to package other types of cheese products. Performance in both cases is top class.

MBP (PFM Group) has produced a complete range of multi-head weighers, both XP pneumatic and XM series with step motors, from 8 to 24 heads, the main features of which are: high weighing precision, high average productivity, ease of cleaning, protection of hardware components from the external environment and simple programming. The weighers proposed by MBP complete the range of machines dedicated to the dairy industry. The XM IP65 series is available as models with 10-12-14 pans, depending on the product and production rate required. The IP65 structure, which can be washed directly with jets of water, is constructed of AISI 304 STAINLESS STEEL and anticorrosive aluminium.

The machine body is divided into independent sections, each of which is extractable and interchangeable. The latest

generation Step motors are used to open the pans.

Maximum weighing precision due to the totally digital control of the signal, the high quality of the hardware and programme software and the machine's structure which "absorbs vibrations".

Control is through an LCD Touch Screen panel and the simple and easy-to-follow programming software enables all the necessary parameters to be set; and what's more, tele-servicing is available.

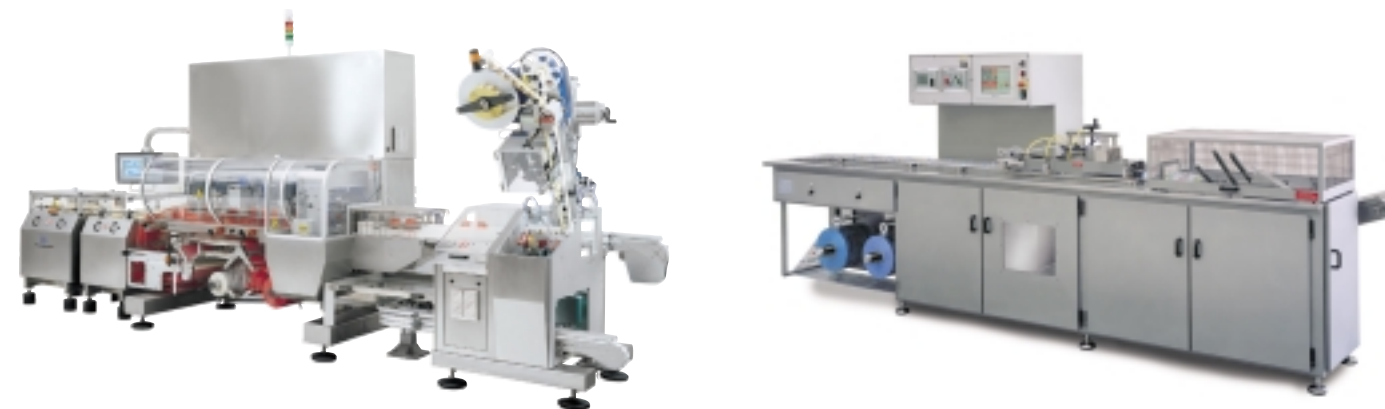
VETTA is the BG PACK (PFM Group) vertical machine, which functions by means of an industrial PC and brushless motors, able to produce a vast range of packages from the most classic to the most innovative, with extremely rapid format change times.

State-of-the-art technology and ease of use are its main features. The completely open structure enables cleaning operations to be carried out quickly, and the latest generation software enables all the working parameters to be set with the utmost simplicity.

Vetta is often used for packaging in the cheese industry as it responds handsomely to basic requirements such as being easy to keep clean, and the use of AISI 304 stainless steel for the structure, rapid format changing times, high flexibility and high production capacity.

In the version that produces stand up (stable base) and sealed (doy style) packages with in-line zip closures, combined with the MBP multi-head weigher, Vetta is ideal for products such as grated cheese, cheese strings or cubes which represent a field that is in constant expansion.

Doy Style packages produced on vertical packaging machines are new, practical and economic, can be re-sealed after initial opening and are also ideal for packaging in MAP using form fill seal packaging machines. Moreover, the positioning the sealings along the



The Scirocco Pocket Bag is a solution dedicated to the packaging of cheese portions

The BG 2800 is a horizontal machine that produces high-speed "Open and close" packages

perimeter of the package means the entire surface can be used for printing. Just a few minutes' format changing time and standard three-seal or square-based packages can be produced, including those with four side seals and zip. **BG 2800 with side** or centre zip, functioning through an industrial PC and brushless motors, is BG PACK's horizontal machine that produces high-speed "Open and close" packages also in MAP, dedicated to products such as cheese portions or blocks to be consumed in several stages.

The fact that the package is re-sealable, by means of a side or central zip, guarantees practicality and keeps food fresh even after it has been opened.

Thanks to the high pressure and long sealing times, distinctive features of BG 2800's exclusive rotary multi-crimper system with up to 24 heat-sealing crimpers, the packaging material remains perfectly stretched without any wrinkles or imperfections, producing aesthetically perfect packages. Moreover, tele-servicing

is available which means the user can be guided through all the stages of programming the functions of the machine by an operator and diagnostics can be carried out remotely.

Scirocco Pocket Bag is the solution dedicated to the packaging of cheese portions, to be consumed in several stages, including in MAP, in maximum safety. Pocket Bag is an "open and seal" package dedicated to fresh products to be consumed in several stages. The package is easy to open and enables the product to be maintained, protecting its freshness and extending its life.

Pocket Bag can be opened and re-sealed thanks to a folded flap with an adhesive strip, produced starting with a single reel of heat-sealing film.

The printable surface has been extended with respect to conventional

packages with considerable marketing advantages for the producer and consumer.

Pocket Bag packages "stand-up" products up to a height of 180 mm and is produced on the PFM SCIROCCO Pocket Bag, which mounts the crimper sealing unit vertically. High productivity, flexibility, and technology at the highest level are its main features. □

VETTA from BG PACK is a vertical machine, a.o. designed for cheese packaging



The COMET produces three-seal packages

