

Emballage 2006, Villepinte Paris Nord, Hall 5 A Stand E011, PFM Group will present a series of technical news:

SPS and CAMA present a turnkey system in biscuits packaging

SPS Italiana Pack Systems (company of PFM GROUP), which manufactures automatic packaging installations for baked products and biscuits, and CAMA present at the trade show Emballage in Paris a turnkey packaging system for wafers, representing the high quality-manufacturing standard and deep knowledge of both companies in the bakery industries.

The system consists of a product feeder, cutting unit, primary packaging in flowpack and secondary packaging in cardboard trays with a 2-axes robot. The speed of the system, considering the product characteristics, is 250 ppm.

CAMA-SPS co-operation project means a close partnership between specialists in the handling, primary and secondary packaging and it is intended to assure to the end-user the highest added value in terms of technology and reliability.

Since months CAMA-SPS have been promoting a deeply integrated commercial strategic plan as well as a joint research and development program, with special focus on innovative solutions for integrated systems from product feeding to product loading in cardboard trays and boxes.

The Salon de l'Emballage in Paris represents the first chance to show, from process product take-over to the end of line, a complete integrated turnkey system served by an overall warranty assured by the joint responsibility of the two companies.

PFM present PEARL the very small full SERVO flow pack

Pearl is the brand new, full servo horizontal pillow-pack wrapper to obtain pillow-pack style packs from a flat reel of heat or cold sealable wrapping material. Sturdy construction with a carbon steel fabricated frame, compact design, cutting edge hardware, reliable and operator friendly control software are the results achieved in this project, expression of experience achieved in many years of manufacturing of flowpack machines and automated lines. A high quality innovative machine.

Operation: Full servo wrapper with axis motion controller and brushless servomotors.

Human Machine Interface : Colour touch screen.

No mechanical drives: drive motors are connected directly to the various assemblies. The electrical panel is housed inside the machine frame and protected from the external environment.

Cantilevered Construction: manufactured with modular pre-assembled units designed to be easily accessible and replaced. The front of the machine is free from any obstruction. Elegant and rational design, simple yet sturdy construction

Compact design, easy cleaning: thanks to the cantilevered construction and the use of polymer moulded components with graceful radiuses there are no dust traps. All guards can be easily removed.

Ergonomic design: HMI and start/stop buttons have been ergonomically situated to facilitate accessibility.

High speed and versatility: Up-to 120 cycles/min. and capable of wrapping endless different products in the food and non-food sectors.

Fin seal assembly including three sets of rollers: film pulling, film sealing complete with automatic opening at machine stop and fin seal foldover.

The adjustment of the sealing temperature of the fin seal rollers and the transverse sealing crimpers is integrated into the touch screen.

The successful MBP C2 Series

MBP (part of the PFM Group) presents at Emballage the Series-C2 Multiheads, which are the expression of state-of-the-art technology. A great step forward which places MBP amongst the best companies at international level.

The Series-C2 is available in the 8-10-12-14-16-20-24 pan version.

The number of heads determines the relation between speed/accuracy, which must be in line with customers' production requirements.

Mechanical Features:

Frame: tubular, easy to clean, made of AISI 304, Central vibrating cone with load cell dedicated to even distribution of the product in the vibrating channels. Cast vibrating bases with magnet sunk in special "heat protective" resins. Extractable, interchangeable dosing head fitted with direct electric connector. Protective top made of AISI 304, weighing pans made of AISI 304 controlled by step motors; pre-dosing pans made of AISI 304 stainless steel with opening/closing controlled by step motors.

Hardware e software:

Highly developed and easy to program, featuring:

AVC (Automatic Vibration Control) System.

ARC (Automatic Random Control) System

The AVC, ARC and central cone control systems work together simultaneously. These are particularly highly-developed software systems able to simplify machine operations to the utmost and increase efficiency and speed/accuracy levels to maximum levels.

VIBCONTROL Device : Automatic vibration amplitude control system on the central cone depending on the amount of product present (optional). Useful when dealing with sticky products or those that do not slide easily. Guarantees the vibrating channels will be supplied consistently with the product

EVA : Automatic system for eliminating low-frequency environmental vibrations.

Compact Flash Card for memorising software uploading/downloading, recipes and updates.

The hardware configuration is state-of-the-art thanks to the Can-Open system with which a part of the hardware can be "remoted" onto the weigher's peripheral components thereby drastically decreasing the possibility of breakdowns caused by wear and tear. Can-Open is a digital communication network connected by means of an "Ethernet network" type connector (the communication protocol however is not the same but is dedicated). The display is of the touch screen type with active 10.5" matrix.

Operations

The operator enters parameters relating to weight, limits (bottom and three top levels), production speed and central plate. The weigher automatically regulates:

1. The vibration amplitude and optimal vibrating time of the vibrating side channels individually.
2. Diversification of weight between the pans.
3. Number of pans involved in the discharge if the automatic function is activated.

The sum total of these features enables intervention by the operator to be reduced almost to zero. The weigher in time "learns" to adapt to the product and working environment. Machine data acquired as a consequence is systematically memorised in the specific recipe. Moreover the weigher does not remain "passive" with respect to changing environmental

BG PACK VETTA E SCIROCCO POCKET BAG per il Recloseable packaging

Protagoniste ad Emballage 2006 le due macchine del Gruppo dedicate al confezionamento apri e chiudi di tutti quegli alimenti che vengono consumati in più fasi e che grazie a questo sistema possono conservare integre tutte le loro caratteristiche di aroma e freschezza.

Vetta

BG PACK technical department has developed the DOY STYLE application for the vertical wrapping machine Mod. VETTA.

This machine works through industrial PC, brushless motor and it is equipped with teleassistance service for the remote check of all functions.

The DOY STYLE application consists of a reclosable stand-up bag, with the bottom sealed "Doy Style" and with a zip to close the upper end of the pack. It is a pack with side seals allowing printing on the whole surface, thus offering important marketing advantages.

As an alternative to the zip closing, the pocket bag system can be used to realize bags with an adhesive band and removable flap. You can inject gas to wrap in MAP with this new machine both in its Pocket Bag and zip versions.

Seals are hermetic and packs are aesthetically perfect. It is a new, practical, economic and handy pack that is sure to be highly appreciated by the public.

Scirocco PB

Designed to meet the most demanding requirements in terms of packaging speed, recloseable packaging, hermetic sealing, ease of cleaning, and high quality standards of the internal and structural components.

SCIROCCO PB is the PFM Flow Pack for high speed M.A.P. (Modified Atmosphere Packaging) of cheeses, breads, fresh pasta, sausages and salami, meats and other products.

The machine features a series of particularly interesting innovations:

- Super Long Dwell transferring continuous motion transversal sealing system (PFM patent), available with 1-2-3-4 crimpers per shaft, according to the product and the required speed. The system guarantees perfectly hermetic sealing, for up to 180-200 packs per minute (one crimper per shaft version).
- Servo-Assisted operating system by means of Brushless motors in direct electric axis, with touch screen controls and the possibility of on-line connection
- Cantilevered machine construction with rounded corners, openable on all sides: the mechanical and electrical components are housed separately at the back of the machine, while the front is free from obstruction and thus quick and easy to clean in every point, visible or hidden
- Construction in AISI 304 stainless steel.

The advantages of Pocket Bag ®:

The SCIROCCO PB produces Pocket Bag®, the package dedicated to the sector of cheeses and fresh products in general, which can be opened and closed thanks to the zip, folded hem or label.

- **Open and Close:** Pocket Bag® comprises the extreme practicality of the recloseable package and the guarantee of long-term freshness of the packaged product.
Less Waste: The Pocket Bag® packaging system utilises a single reel of thermo sealing film. As with normal flow-pack packages, the machine seals the packages on three sides, offering the possibility of packaging products in the stand up position. These characteristics permit considerable advantages in terms of the reduction of discards, due to discards and sealing loss, lower costs thanks to the possibility of using thinner barrier materials without compromising in any way the air tightness of the seal and, lastly, lower maintenance costs thanks to the reduced temperature of the sealing crimpers.
- **Marketing oriented:** The Pocket Bag® package may be custom printed by the client, even on the rear of the package: the service to the final consumer perfectly wedds marketing and communications requirements for food products.

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