

## SACMI Packaging & Chocolate at Interpack 2023 with innovations for the world of chocolate and packaging

*Sustainability, performance, new technologies. This is how SACMI Packaging & Chocolate introduces itself at Interpack 2023 (Düsseldorf, 4-10 May). A unique experience within the exhibition area, with a path aimed at each individual industry*

**SACMI Packaging & Chocolate** technologies and know-how once again protagonists at **Interpack 2023**, the world's leading packaging trade fair scheduled in **Düsseldorf** from 4th to 10th May. Six years after the last edition, a successful formula and a unique experience within each individual **industry** are returning.

Thanks to a **unique expertise in the world** in integrated technologies for chocolate moulding and preparation, traditional wrapping, flowpack and secondary packaging, SACMI Packaging & Chocolate is presenting many new technologies at Interpack 2023 in the name of versatility, performance and eco-sustainability.

### *Chocolate processing and moulding*

#### ***HFT refiners and new version of the Nano Chocoline chocolate processing line***

In the field of **chocolate processing**, SACMI Packaging & Chocolate presents **HFT 518, the new five-roll refining machine** designed to meet the increasing market demand for versatile solutions, able to efficiently process products with complex **ingredients** and recipes. HFT 518 guarantees the best grinding results and granulometric fineness even on products that have a different consistency from traditional ones.

Alongside, SACMI Packaging & Chocolate is exhibiting, an absolute novelty for 2023, two machines of the **new version of the Nano Chocoline chocolate processing line** for chocolate and compounds: the new **HCP 203 two-roll** pre-refiner and the **HFI 509 five-roll** refiner.

The design features of the machines (two 300 mm rolls for HCP and five 900 mm rolls for HFI) make it possible to reproduce a **high-quality chocolate processing line on a smaller scale, typically** consisting of a mixer, pre-refiner, refiner and conching machines. The primary objective is to achieve the same technological and qualitative performance as a traditional processing line, **but with productivity starting from 400-500 kg/h.**

Some of the main machines – refiners and conches – have also been developed with a view to stand-alone **operation**, therefore equipped with an electrical cabinet with independent HMI, useful for managing and programming the work recipes on individual machines, to facilitate automatic running of the line even if there are no operators.

#### ***Cavemil Super 860, continuous moulding line***

In the chocolate moulding section, SACMI Packaging & Chocolate is exhibiting **Cavemil Super 860**, a brand new generation of lines with **continuous movement moulds**. Introduced at the fair in a single-line configuration, CAVEMIL SUPER stands out for its high productivity and modern and functional design.

**This line is suitable for the production of solid pralines, bars and tablets, with or without ingredients, or filled with creams.**

### ***The new chocolate drop dosing and cooling system***

Another absolute novelty from SACMI Packaging & Chocolate in the field of chocolate moulding is the new dosing line for **chocolate-based** semi-finished products and **compounds** in the form of **drops, chips, sticks** and **chunks**.

Only the essential part will be exhibited at Interpack: the **MLRG 1500 rotary dosing machine**, with a chocolate drops point dosing system onto a polyurethane belt. The solution stands out for its **ease** and **speed of format changeover**, for continuous operation with longitudinal and vertical by servomotors. Furthermore, thanks to the adjustable pre-cutting devices of the product stripes placed in the cooling tunnel, the line can be quickly converted to the production of sticks & chunks with a dedicated format.

High performance – **between 1,000 and 3,000 kg/h** – feature the line, proposed in the 1,500 mm wide size and with variable lengths of the cooling tunnel depending on the required productivity.

### ***Chocolate packaging***

The capacity of supplying the market with integrated packaging solutions starting from the distribution and feeding systems distinguishes the SACMI Packaging & Chocolate offer, which responds to the most diversified needs in the field of **primary packaging**, with both **traditional wrapping** and **flowpack** packaging solutions, and **secondary packaging**, such as cartoning and case packing.

### ***HTB – The new Electronic R-Evolution for wrapping chocolate tablets***

Introduced at the end of 2022, HTB is the new wrapping machine from SACMI Packaging & Chocolate dedicated to **chocolate bars and tablets**.

The machine represents a real revolution in the field of wrapping technologies, thanks to an **entirely electronic approach** that replaces for the first time a purely mechanical design concept, thus allowing a comparison with an innovation never seen before.

HTB combines the highest wrapping **quality** with the highest **speed** on the market: it allows you to reach **250 tablets per minute**, without ever damaging the wrapping and/or the processed product. This is possible due to the innovative design of the machine which allows you to handle even the most delicate products in high-speed sequences.

The HTB tablet has a **double wrapping**: an internal wrapping sealed on three sides and an external one to be chosen from a pre-cut cardboard case and an envelope style, made with pre-cut paper blanks or directly from reel.

HTB also keeps pace with the concept of sustainability and **Energy Recovery**. The machine, in fact, allows energy to be recovered in a circular way, making it possible to achieve and maintain maximum efficiency and optimization thereof.

HTB therefore represents a further step forward in the evolutionary path already undertaken by SACMI Packaging & Chocolate in the use of innovative wrapping technologies.

### ***HY7 – The hybrid wrapping machine for flat-based pralines***

Like HTB, the new HY7, dedicated to the **multi-style wrapping** of flat-based pralines, is also part of the revolutionary design approach to wrapping machines made by SACMI Packaging & Chocolate.

The solution is dedicated to wrapping **flat-based pralines** in different styles, including Top, Side & Double Twist, Bunch, Wallet and Envelope.

Also in this case, the machine operation is not based on pure mechanical transmission, but on **high-performance** and **energy efficiency servo-drives**, with an average reduction of the components in the various machine groups equal to 40% compared to the previous models.

**Easy to handle**, HY7 can reach speeds of up to **700 pieces** per minute and has been designed to efficiently handle even the most delicate or irregularly shaped products.

The machine implements advanced predictive maintenance functions and, thanks to its extreme **adaptability**, has been designed to facilitate the transition to use **new generation and eco-sustainable wrapping materials**.

### ***JT Advance, high-speed flow-wrapper***

Awarded by the market for its unique features of compactness, efficiency, versatility, **JT Advance** is the top-of-the-range flowpack packaging machine for **chocolate/cereal bars, snacks and pralines** that require high productivity (up to **150 meters of film – 1300 products per minute**). Simplified maintenance, easy to access and, thanks to the adjustments without tools and equipped with quick releases-locks, extremely reduced changeover times make JT Advance very easy to handle. Even the **reel replacement** operations can be carried out during production, **without reducing machine speed**.

### ***Advance S-334, high performance packaging cell***

At Interpack 2023, JT Advance is integrated with **Advance S-334**, the state-of-the-art trifunctional cell. This new secondary packaging solution guarantees high production speeds (**up to 800 products and 150 boxes per minute**) and, thanks to the multi-functional picking robot, a remarkable ergonomics when loading the blanks. With the innovative **linear motor system**, the box closing, filling and closing phases are released and independent of each other, pushing the efficiency and versatility of the line to the maximum, especially in the event of frequent **format changeovers**.

### ***Packaging – other industries***

The SACMI Packaging & Chocolate packaging offer for the bakery, confectionery and fruit and vegetable world is transversal to other markets.

### ***Fast Picker Cell + HPS50, integrated pick & place and flowpack packaging solution***

In the bakery area, the SACMI Packaging & Chocolate proposal for the primary packaging of **delicate or irregular bakery products** includes a **Pick & Place loading** cell equipped with "**Fast Pickers**" robots and an innovative vision system that allows greater efficiency and product pick-up accuracy.

The exclusive product gripping system assembled on each Fast Pickers allows the handling of both single and multiple products, significantly increasing production capacity in terms of greater speed in product handling.

The products are then passed on to the **HPS 50 horizontal flow-wrapping machine**, a medium-speed solution – up to 50 m/min of wrapping material – featuring fully electronic control: a highly flexible machine in format changeover, easy to use, simple to be integrated on an automatic packaging line.

### ***TF 22 TS, "Top Seal" forming machine***

Historical business of the Group, the SACMI offer in the produce **forming machines** field **and** other industries is enriched this year with **TF22 TS**. TS as "**top seal**", a solution developed on the basis of the well-established TF22 to meet the needs of **protective and temper-evident packaging**.

TF22 Top Seal allows you to form **cardboard** trays, for particular formats usually made with plastic material. In fact, the machine allows you to handle larger blanks not covered by the current market (maximum blank development of **500x700 mm** with packaging depth from 20 to 125 mm) including blanks obtained from biopolymers or recycled cardboard.

**100% printable**, this type of packaging can represent commercially an important added value, for enhancing the product and the brand (for example, allowing the customers to easily print their logo on the cardboard).

TF22 TS is equipped with a **double head** and can handle **two different types of formats simultaneously**, square or rounded, of different thicknesses or mechanical features, without having to make any modifications and without needing to change tools during the changeover phase. The electromechanical guns guarantee absolute precision in positioning the glue lines, avoiding waste. With a **perimeter edge of just 1 cm**, on which the protective film is sealed, the solution minimizes the consumption of cardboard. Only the protective plastic film is made of plastic material, with an anti-intrusion system.

### ***VPS40C, vertical packaging machine***

SACMI is also presenting the VPS 40C at Interpack, the vertical continuous packaging machine designed to meet high-speed, flexible production requirements for the food and non-food industries.

Compact, sturdy, **built entirely in stainless steel**, the packaging machine stands out for its use-friendliness, quick format changeover, reduced maintenance, easy cleaning. The innovative transversal sealing control system in VPS 40C makes it possible to treat a wide range of wrapping materials, responding to the increasing demand for the use of paper-based, recyclable and eco-sustainable films. Made with an open frame, VPS40C has been designed to make large bags, in line with the needs of continuous cycle productions: maximum reliability, quality and repeatability in packaging.

**We look forward to seeing you at Interpack 2023, Hall 4 Stand E05**