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N°2-2023

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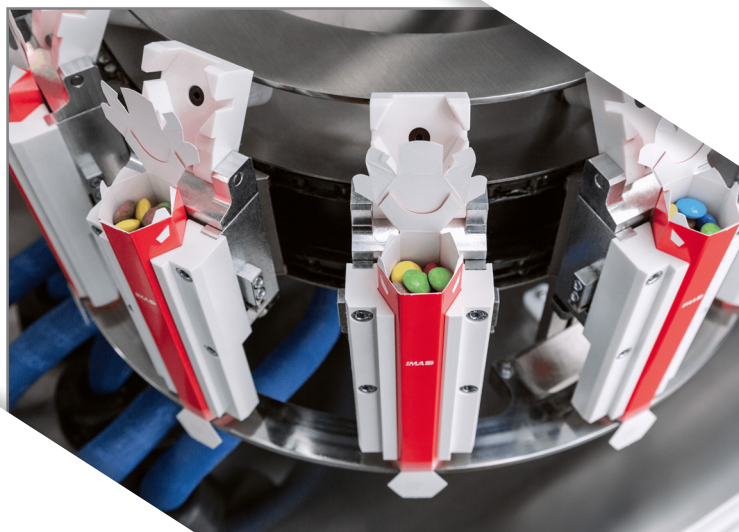


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Closing the chapter
on food packaging
as an environmental
problem

PACKAGING



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IMA SPA

IMA in the food
market



SONIA V. MAFFIZZONI
Editorial Manager

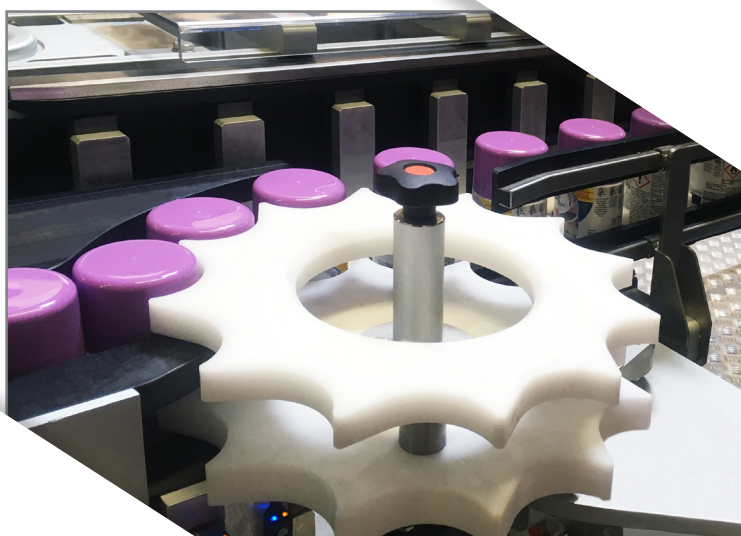
The future of packaging is linked to sustainability, there is no doubt about that. In fact, packaging is responsible for so much waste, especially in the food industry. Less plastic, fewer packages, greater efficiency, and total respect for safety are the common imperatives of consumers, institutions, and organizations. How are companies responding? From our publication's observatory, we can only note a great commitment and the deployment of all resources allocated to research and development. Packaging and non-packaging, made from the same material as the content, biodegradable films, absolute reduction of plastic (but, be careful, not demonization), packaging that is made from food waste, and a complete focus on sustainability. The cards on the table are becoming interesting, and the players have certainly accepted the challenge. As professionals and consumers, we are very curious to know about the next developments. Win the best.

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SECONDARY PACKAGING SYSTEMS

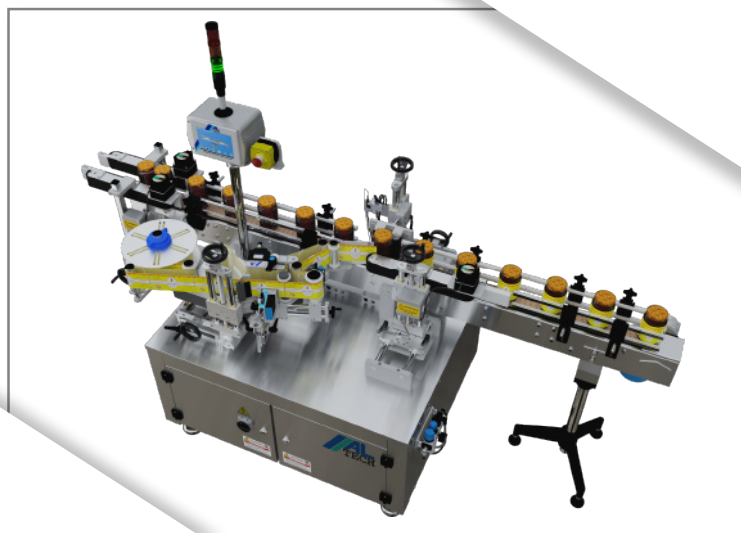


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CAMA GROUP

Close collaboration results in highly flexible, industry-defining modular packaging concept

LABELLING



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CLOSING THE CHAPTER ON FOOD PACKAGING AS AN ENVIRONMENTAL PROBLEM

According to Legambiente's Beach Litter dossier (2019), at the top of the top 10 most commonly found wastes on Italian beaches are plastic and polystyrene pieces, which are the "precursors" to microplastics.



our Silvia D'Alesio

In particular, beverage caps and lids (one per meter of beach), followed by cigarette butts, cotton swabs (7.4% of the total found), plastic bottles (45 every 100 meters), and plastic utensils (34 every 100 meters). This observation on waste and its dispersion highlights how single-use plastic for food products and related consumption practices represent a real and significant obstacle to environmental preservation. Obviously, the problem is not limited to a single nation, so the recent European directive on single-use plastics addresses those wastes that are now among the most common on European territories. In fact, the (EU) 2019/904 directive on reducing the impact of certain plastic products on the environment introduces new measures and specific requirements to reduce the impact that food packaging continues to have on waste dispersed in the environment.

For example, beverage bottles and their caps are among the most common and polluting: caps can easily detach from their containers or be lost due to consumer distraction.

For this reason, attention to packaging design remains high in the world of the food industry.

images: freepik.com





An event not to be missed, albeit now imminent, is Interpack: the fair held in Düsseldorf every 3 years, which brings together all the major players in the packaging industry. Exhibitors from around the world who operate in the Machinery, Equipment, Materials, and Services for Packaging & Packaging industry and supply various industries, including of course the food industry, will be hosted.

The day before the start of this major event, the hybrid PUMA conference organized by the Netherlands Packaging Centre (NVC) will also be held at the Sheraton Düsseldorf Airport Hotel: a significant event that aims to demonstrate the commitment of all stakeholders towards proposing new solutions in order to close a chapter of his-

tory that sees food packaging as the main cause of the global waste management problem.

Indeed, if we examine the evolution of food packaging, we can understand how it began in the 1800s when the food industry acquired the ability to preserve and transport food from production to consumption, preserving its quality. From preservation techniques such as the lyophilization of Russian chemist Dirchoff (1832) to the hermetic preservation of French pastry chef Nicolas Appert (1827), packaging was studied to solve difficulties in ensuring the quality of fresh food. Therefore, the holistic approach to innovation processes along food supply chains has always focused on optimizing the distribution and sales phase. The PUMA conference offers a vast overview of



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all aspects related to the world of packaging and how they are interconnected. For example, if the intention is to spread a new process operation to agricultural producers, then how to design an effective 'door-to-door' solution?

Dr. Thatcher teaches the importance of never stopping in designing while paying attention to details. For example, observing the wide and smooth mouth of a bottle, calibrating its capacity based on consumption habits, its easy use and reuse, etc. His research included the closure system, starting the life of what we know as the spring cap or the integrated Milk Protector protection system. Therefore, particular attention should be paid to the design of closure caps and their materials (from metal to plastic) that respond to the different packaging and packaged food product requirements.

The evolution of patents related to the hermetic closure system follows the evolution of different packaging solutions and their requirements (in the example of the bottle, whether to give it a cylindrical shape, a wide body, or a wide mouth, etc.).

In the 1900s, other containers that needed to be sealed and other materials or formats (such as W.L. Wright's waxed paper bottle, conical or square in shape (1918)) allowed for the improvement of the hermetic closure system.

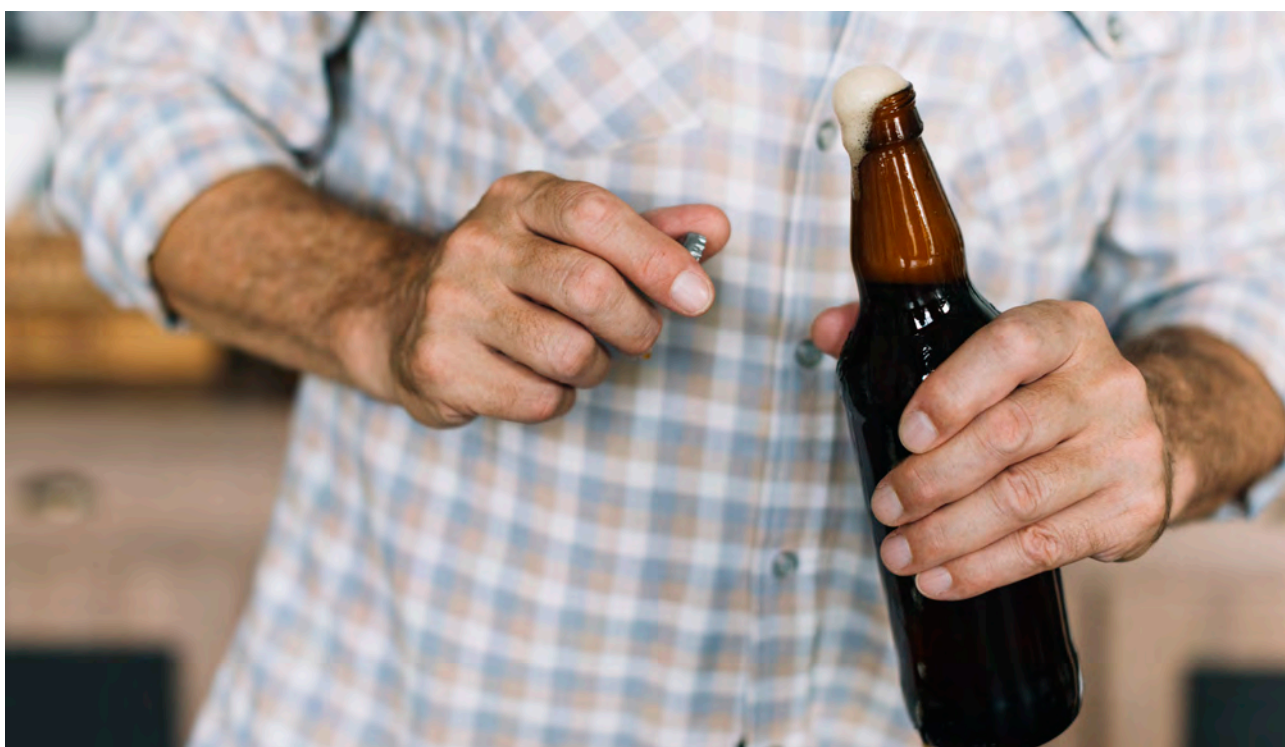
The succession of these packaging solutions accelerated the shift from traditional solutions, such as the example previously mentioned of glass bottles used for over 40 years to distribute foods such as milk, oil, and even water

(in Paper bottles newest type of sanitary milk: dispensing means, now being substituted for glass, Science & Invention Magazine, 1929), thus testifying to the link that has always united innovation and design processes (in food packaging, for example, production and process costs associated with sanitary aspects are decisive) and pushing the market towards new solutions.

Over time, these solutions are increasing consumer awareness in an attempt to reduce their use of single-use items and increasing their commitment to environmental sustainability, etc.

However, it's worth asking how marginal certain aspects of packaging design that respond to environmental needs are in the current scenario: how many packages are made from recycled materials, in new forms to reduce the amount of material used, with new gestures for a changing population, with new brands that offer consumers a more environmentally sustainable product image without misleading them with different information than that related to the product inside?

For this reason, it is important to continue to stay active (or rather, interactive) by participating in the debate on packaging as a driver of new production systems in the food industry that are truly sustainable. The opening and closing devices mentioned here are among the many lenses to use when observing these new solutions and then offering them to a market that is rightly more attentive to the planet's needs. The cap is therefore a key element in continuing the more ecological metamorphosis of food containers.



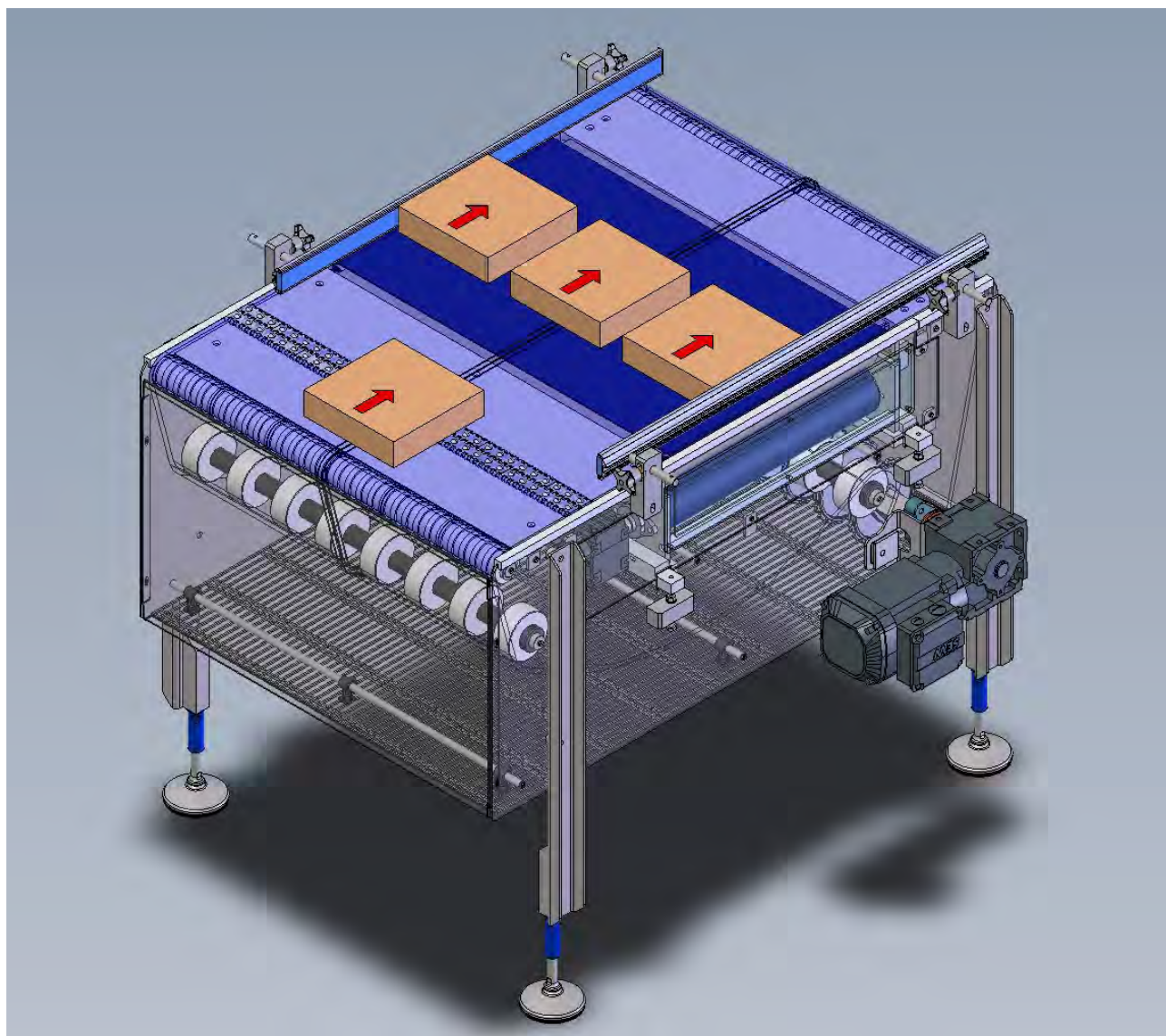
SPHERE SORTER: A VERSATILE SOLUTION FOR PRESENT CHALLENGES

The sphere sorter is a device, created originally for sorting and distribution applications in the logistics sector, which is proving to be extremely versatile to carry out numerous applications also in food packaging. The operating principle is to activate the movement of idle spheres embedded within a modular plastic chain; the operating method will lead to different results.

The simplest result is obtained by putting the spheres in contact with a uniform sliding plane during the normal motion of the chain. The action of the spheres with re-

spect to the movement of the conveyor belt leads to an acceleration of the product which, compared to the nominal speed of the belt, will approach double the set value.

The most classic application involves fitting a belt conveyor underneath the sliding surface positioned orthogonally with respect to the motion of the modular chain. Activating the motion of the belt will give the products a transverse movement component that can be used to expel, select or sort the products themselves on multiple rows. As we will see later this is the application of greatest interest to us.



Lastly, by inserting rotary plates or belt conveyors that move in opposite directions under the chain surface, it is also possible to obtain the rotation of the products with respect to the vertical axis. Precision and repeatability in positioning require particular attention to be paid to the mechanics and cyclical of these devices.

The most interesting aspect of these applications from Mh's point of view is the fact that the operation of the balls from below allows to handle even light and extremely thin products, which would not be movable with traditional systems such as blade diverters or even vertical motorized belts, without running the risk of the product getting stuck between the diverter wall and the sliding surface of the conveyor belt. Experimental tests have also revealed good efficacy in treating products with a base that is not perfectly regular, as long as the application is helped with some specific precautions. This feature is particularly important to answer to the challenges posed to handling and conveying by new types of packaging devoted to the use of composta-

ble or recyclable materials and in any case envelopes that has reduces quantity of packaging materials. An excellent example of these kind of packaging, that offer great advantages in term of reduction of plastic and ease to recycle, are the ones with a paper or thin carton base and a plastic skin enveloping the product placed over it. These are the application where the Sphere Sorter really shines. In an era in which even the approval of loans is facilitated in the case of ESG investments, this device therefore presents itself as a fundamental tool for giving value to customers.

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MAY 4-10 – HALL 15 (A42 1-6)
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MARCHESINI GROUP AT INTERPACK 2023:

discovering the extraordinary through sustainability and digital innovation

One of the most anticipated events in the global packaging industry is back. After being stopped and postponed several times because of the pandemic, the 2023 edition of Interpack, is finally scheduled for May 4 – 10 at the **Düsseldorf** trade fair

Marchesini Group is ready to welcome its customers, suppliers and partners again, at **Hall 15**, booth **A42 1-6**, offering its traditional warm made-in-Italy hospitality in full Sustainability, digital innovation, sterile and aseptic filling, inspection, traceability, and tailor-made solutions are the guidelines on which the Group has built its exhibition itinerary. This itinerary is designed as a **journey**

among the machines, lines, and services, in order to meet all the needs of the pharmaceutical and cosmetics industry.

The more than 1,500-square-meter booth will house about 50 machines and will be divided into several thematic areas, including an area dedicated to sustainability and lines that package products with **environmentally friendly materials** such as paper, recyclable plastic mono-materials, R-PET and aluminum.

A space will also be reserved for **process and laboratory machines** for small and medium-sized pharmaceu-





tical production. Equally, a large area will be dedicated to sterile and injectable forms where, to complement the asepsis filling line, a **new no-contact mono-block for automatic inspection of high-speed syringes** with an integrated denesting and renesting unit will be shown. Also on display will be several stand-alone solutions, including a machine for counting, filling and capping solid products, and several secondary packaging technologies, including **the new MA 360 cartoning machine**. Also starring at this edition of Interpack will be the Group's **Beauty Division**, which will exhibit a wide range of machines and lines for the complete packaging of cosmetic products for the first time.

Finally, an area for **new frontiers of technology and artificial intelligence** won't be forgotten. The Marchesini Group team, together with its partner **Eyecan** - a start-up spun-off of the University of Bologna - will demonstrate how AI can be involved in **robot picking applications**. But that's not all, artificial intelligence will also underpin the **"Morpheus" predictive maintenance** solution. This, and **augmented reality changeover**, can be explored in depth at the expo, along with customer portal services (online digital machine documentation, Service Platform to manage service requests, and interactive spare parts manual).

NSY AND MA 360: new products on display at the booth

In the large area dedicated to sterile and injectable forms, the Group will, for the first time at Interpack 2023, present **a no-contact mono-block for automatic in-**

spection of high-speed syringes with an integrated denesting and renesting unit. This solution is a result of close collaboration between the two divisions of the Marchesini Group: **Corima**, a Siena-based company specialising in technologies to ensure total sterility in the injectable product production process, and **Vicenza-based CMP Phar.ma**, which manufactures pharmaceutical inspection machines.

The mono-block consists of a unit that is responsible for robotic picking and feeding of syringes on single row from Tub/Nest, then moving on to the inspection stage without any contact between syringes or with metal parts.

The highlight of this solution is that of inspection, which can reach a speed of up to 36,000 syringes/hour. This

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part of the machine can contain **up to ten inspection stations** to inspect each area of the syringe: the flange, stopper, particle detection, fill level, needle cover, defects on the glass walls, and integrity check with High Voltage Leak Detection (HVLD) technology.

The mono-block is equipped with **five customisable rejection channels** to differentiate between discarded syringes and is set up to output approved ones on a single row, with no contact between them or with metal parts. Finally, the machine, equipped with a robotic unit for reordering the syringes in Tub/Nest coming from the denesting station, can be equipped with several optional extras. Options include the possibility of installing a Nest completeness control camera and related syringe counting, arranging for Nest or Tub coding by label application, ink-jet or laser printing.

On the other hand, the Group will exhibit **the new MA 360**, in the area dedicated to stand-alone and secondary packaging machines. This is a high-speed horizontal cartoning machine with the continuous motion for packaging products in cartons with interlocking or glued closures. This solution, which is capable of producing up

to 400 cartons per minute, completed a range of new cartoning machines characterized by **main product and toothed-belt carton transport**, which is increasingly in demand and appreciated by the market.

The MA 360 is compact, robust, reliable and silent. Its design, made in compliance with GMP standards, enables full visibility of the inside of the machine and the production cycle, thus ensuring easy accessibility for the operator. Systems were studied in the design phase to lower maintenance costs and **reduce energy consumption**, while also ensuring simple and essential format change.

Further innovations on the MA 360 will be **the new HMI concept** with graphics, design and new user-friendly features that also offer maximum flexibility of use thanks to the Keba remote safe controlling system of the machine.

Also among the surprises is a new robot with an **innovative concept** that will be shown for the first time at Interpack, a special edition in which the now famous restaurant of traditional Bolognese cuisine will not be missing.

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The fully automatic sheet to sheet litho laminator Oppliger Sintesy 1616 S3 and 2020 S3 is an extremely high-performance machine that is fundamentally different from the rest of the machines on the market thanks to its innovative technical characteristics.

Some of the key characteristics that make the Oppliger Sintesy line one of the leaders in the world market include: high-speed performance of up to 9000 sheets per hour, a no-waste concept, high-precision lamination even with large formats, set-up times of just one minute thanks to the Matic S3 system and savings on glue consumption of up to 35%.

Thanks to all of this and more, another well-known manufacturer of machines within the graphics and converting industry has chosen to build the Sintesy machine under licence. In addition, its edge-to-edge lamination, coversheets with grammage below 150 g/m² and several new

technical details have also become standard for this machine line.

Another key feature of the Sintesy machine is its compactness: thanks to a unique delivery system it is only 56 ft in length which makes it on average 28 ft shorter than its competitors without compromising on quality or reliability. Sintesy is available in two sizes: 65"x65" (standard) and 81"x81" (maxi). It is also modular, which gives greater flexibility for the user.

Yet another selling point of the Sintesy S3 product line are auxiliary machines that allow it to be 100% integrated into the end user's existing production line.

One such auxiliary machine is the new DUPLEX pre-feeder, which feeds the substrate completely independently with any kind of material and allows the user to operate the machine automatically and safely. The



other auxiliary machine is the innovative Un-Flip-Flop Pile Equaliser TWIST 160 that normalises pallets with laminated sheets and is stacked in such a way as to avoid the warping effect.

The ready-formed and alternated packages are stacked in an even pile ready to go into the die-cutter, hence avoiding the need for manual operation by at least two employees in the die-cutting department.

The latest sales figures from Italy, Spain, Poland, Ukraine, the US, France and so on confirm the global leadership of our company. For us there are no problems, only solutions to meet the needs of our customers. It also enables them to combine the pre-feeder with a corrugator to create an 'in-line' production set-up without compromising

the functioning of the standard sheet-sheet lamination. Many major customers have chosen the Sintesy S3 solution from Oppliger for its technical features which differ so much from anything else on the market. When a potential customer is deciding between the Sintesy S3 and one of our competitors' products, all we have to do is demonstrate our machine on their premises and we will always come out on top. No one of others machines gave even comparable results to those achieved by the Sintesy S3 when it comes to performance and reliability. Several very important companies in the USA have placed their trust in Oppliger's Company.

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Modular CM is exhibited
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The labeling machine completely ergonomic and flexible, with the layout reconfigurable quickly and easily.





The new rotary labeling machine is completely ergonomic and flexible, with its layout reconfigurable quickly and easily. Modular CM is a compact and solid machine available in 4 sizes from small to medium, up to 6 labeling stations, perfect for glass and plastic bottles, cylindrical and shaped formats, and for partial labels – front / back, neck labels, plastic I/L/U shape tax stamps. This solution has all the features to be loved by many sectors that need a small to medium-sized labeling machine, super flexible thanks its complete modularity, with a layout that can be reconfigured easily and quickly. In particular this ergonomic labeling machine meets perfectly the needs of many producers and bottlers in the Wine & Spirits sector. In addition to Wine & Spirits, Modular CM also satisfies the production needs of the Oil, Beer, Food & Dairy industries. It features labeling stations with pressure sensitive technology and cold glue, reciprocally interchangeable; they are replaceable in a few steps according to any production needs. The Modular CM is a machine that provides the highest standards of safety for the operators: it has up/down protections that, when raised, instantly stop the machine's operation. Modular CM was in the spotlight of many 2022 international trade shows, and also this year it will be present in significant fairs. The first in roadmap: Enomaq (Zaragoza – ES, 14-17.02.23) and Vinitaly | Enolitech (Verona – IT, 2-5.04.23).

www.pelabellers.com



 **P.E. LABELLERS™**

Founded in 1974 in Mantua (Italy), P.E. Labellers is a global leader in the design and manufacture of entirely modular and ergonomic automatic labeling machines. The developed solutions offer all available labeling possibilities, even reciprocally combined, through independent and interchangeable machines and stations. The company's lean production is inspired by the concept of total flexibility: with this Design Innovation approach, P.E. Labellers produces 450 machines each year, both rotary and linear, for the beverage, wine & spirits, food & dairy, but also personal & home care, pharma, chemical and pet food sectors. Today, 10,000 P.E. machines are installed worldwide and widely managed remotely thanks to continuous support and maintenance services. P.E. Labellers features a global dimension: 8 production sites distributed amidst Italy, US, Brazil and 500 employees all over the world. The company is part of the multinational group ProMach, a world leader in Packaging.

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 **FOOD & DAIRY**

 **BEVERAGE**



ROTOPRINT, PACKAGING FIRST AID SINCE 1978

Rotoprint Sovrastampa S.r.l., born in 1978 in Lainate (Mi), with the packaging saved from waste and refurbished in the forty years of activity, has recovered over 1,000,000 km, it could go around the world almost 25 times.

This important result was achieved thanks to the system invented by Gian Carlo Arici to modify already printed, wrong or obsolete packaging, with overprinting with rotogravure machines.

Rotoprint specializes in graphically modifying pre-printed packaging, whether in formats (tetrapak, combibloc, elopak, boxes, cases, clusters, envelopes, bags) or in reels with single or multi-layer support (AL, CA, PA, PE, PP, PET, sleeves, tetrabrik, ecolean, adhesive labels, etc...).

Attentive to the environment, it has adopted the UNI EN ISO 9001 Certified Quality Management System.

Numerous awards that the company has collected over the years at an international level for eco-sustainability, including the WorldStar Packaging Award 2015, the most important world award in the packaging sector awarded each year by the World Packaging Organization.

The recognition received by Enel and the Symbola Foundation, which included Rotoprint among the examples in the report "100 Italian circular economy stories", was very important. Among the hundred leading Made in Italy companies, Rotoprint Sovrastampa stands out for having

brought something unique to the market, a system (International Patent - patented in the United States) that allows companies to fully recover their non-usable packaging leftovers (a due to errors, defects, updates in the labels, etc: it happens more often than you think) until the last participation with excellent results at the Nuremberg Fachpack 2022 fair.

"Ours is a small business and each order is handled with artisan care and in a personalized way.

At the same time, we have given ourselves an industrial perspective, because we are able to manage large orders and oversee the DE, FR, BE, NL, SP markets, declares the CEO Giovanni Luca Arici.

*Before Overprinting /
Prima della Sovrastampa*





After Overprinting / Dopo la Sovrastampa



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- ✓ FOOD



*Before Overprinting /
Prima della Sovrastampa*



*After Overprinting /
Dopo la Sovrastampa*



While being able to count on a unique technology of its kind, Rotoprint does not stop innovating. For example, there is also flexo overprinting, a system that makes even the orders of small quantities of overprinted material convenient, which thanks to the automatic changeover and the latest generation technology is able to significantly reduce processing waste and guarantee quality with a "100% control system". And then, as always, there is the aspect of respect for the environment: "A project for the

use of water-based colors in overprinting is in progress, a further guarantee of eco-sustainability - concludes the CEO of Rotoprint -. It took a lot of study and research, because using these colors in overprinting is a demanding technical challenge. But we believe it is important to take the path of innovation and environmental sustainability to bring our customers further added value ".

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YOUR COST AND REDUCE
YOUR PACKAGING WASTE**

Which are the pluses?



**WE DO IT FAST AND
WE ARE RELIABLE**

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contribution to
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"Every overprinted kg, is a saved kg!"



Our "Sos Packaging" project, has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement N° 856057

www.rotoprint.com

TECNO PACK: DEVELOPMENT AND STRATEGY TO REACH NEW GOALS

Over three decades have passed since the early 1980s, when, in a small building on the outskirts of Schio, two enthusiastic and passionate technicians began tinkering with several used packaging machines with the intention of getting them back into working order.

This type of activity was known as “revision”, a term that has become extinct in this world of “disposable” products.

It was through the continuous process of disassembling, replacing, modifying, and testing these ageing machines that the two ultimately decided to develop the new and

modern flow pack packaging machines.

In 1985, the first packaging machines from the newly established Tecno Pack company were introduced on the market and immediately received a favourable reception from clients.

Thus began the company’s long journey, a company whose priority is to respond in a timely and professional manner to the increasingly stringent demands of the market, courageously and determinedly embarking on the challenging path of automatic packaging systems.

These were years of hard work, sacrifice, and ongoing research, as well as of achievements and growth.

Meanwhile, Tecno Pack moved to a new location, in the Schio industrial area, which was better able to handle the company’s growing and changing logistical and production needs.





In 2011, operations moved to a new facility occupying over 6,000 square meters, still located in the traditionally industrious town of Schio, since the second half of the 19th century nicknamed “the Little Manchester of Italy”.

Machine after machine, system after system, the story continued with the inevitable intertwining of professional and personal events that never undermined the company’s corporate ideological continuity, which was supported through the years by a constant investment in and commitment to research and innovation.



SECTORS

✓ LABELING

✓ CODING

✓ COSMETICS





Tecno Pack

PACKAGING MACHINES

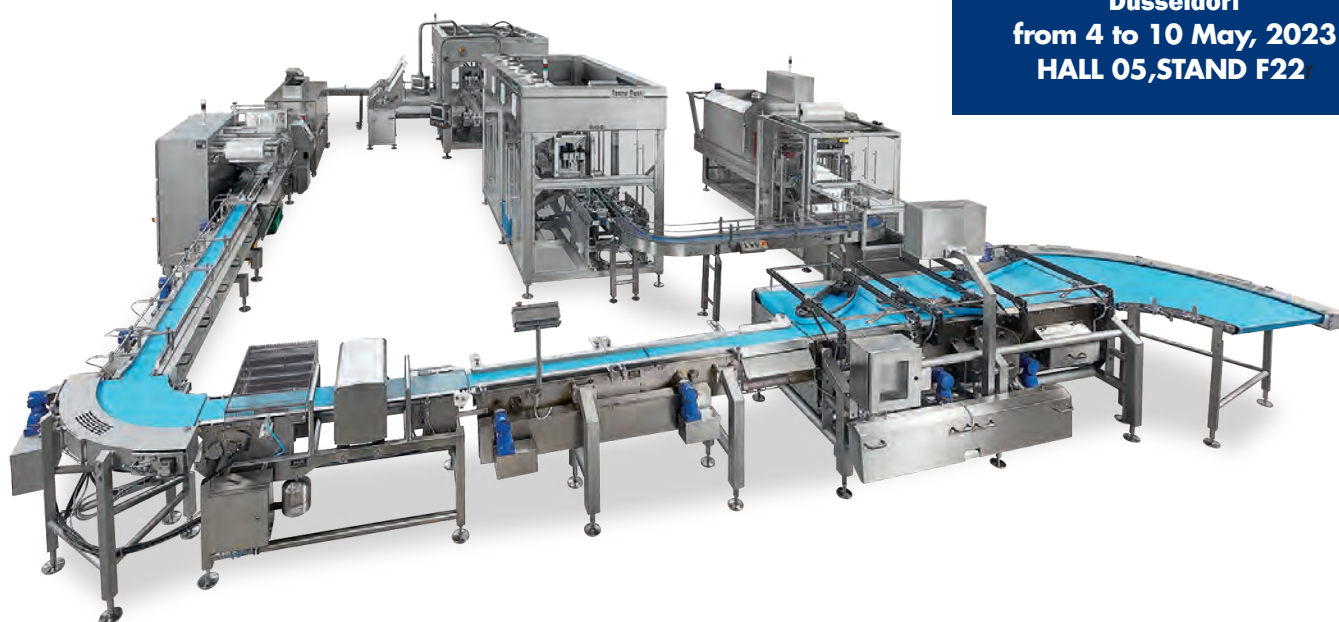
This generated the success which allowed Tecno Pack, during these years of continuous growth and development, to purchase and revive three companies and see them flourish: General System Pack, IFP Packaging, and Euroimpianti.

Thanks to their global technological portfolio, the group of Schlio companies is now recognised as a world leader in the packaging industry, providing a global solution that covers everything from product manufacturing to packaging, at every stage. Their automated solutions, tailored to each individual client company, integrate primary, secondary, and tertiary packaging, as well as palletizing.

Today, the world of small and medium-sized industry that relies on the Tecno Pack group can benefit from the experience and technology that the company has developed over decades with all of the major global food groups which, by renewing their trust each day, continue to fuel ongoing research and development. www.tecnopackspa.it

www.tecnopackspa.it

**You will find
the Tecno Pack team at the
INTERPACK 2023 trade show in
Dusseldorf
from 4 to 10 May, 2023
HALL 05, STAND F22**





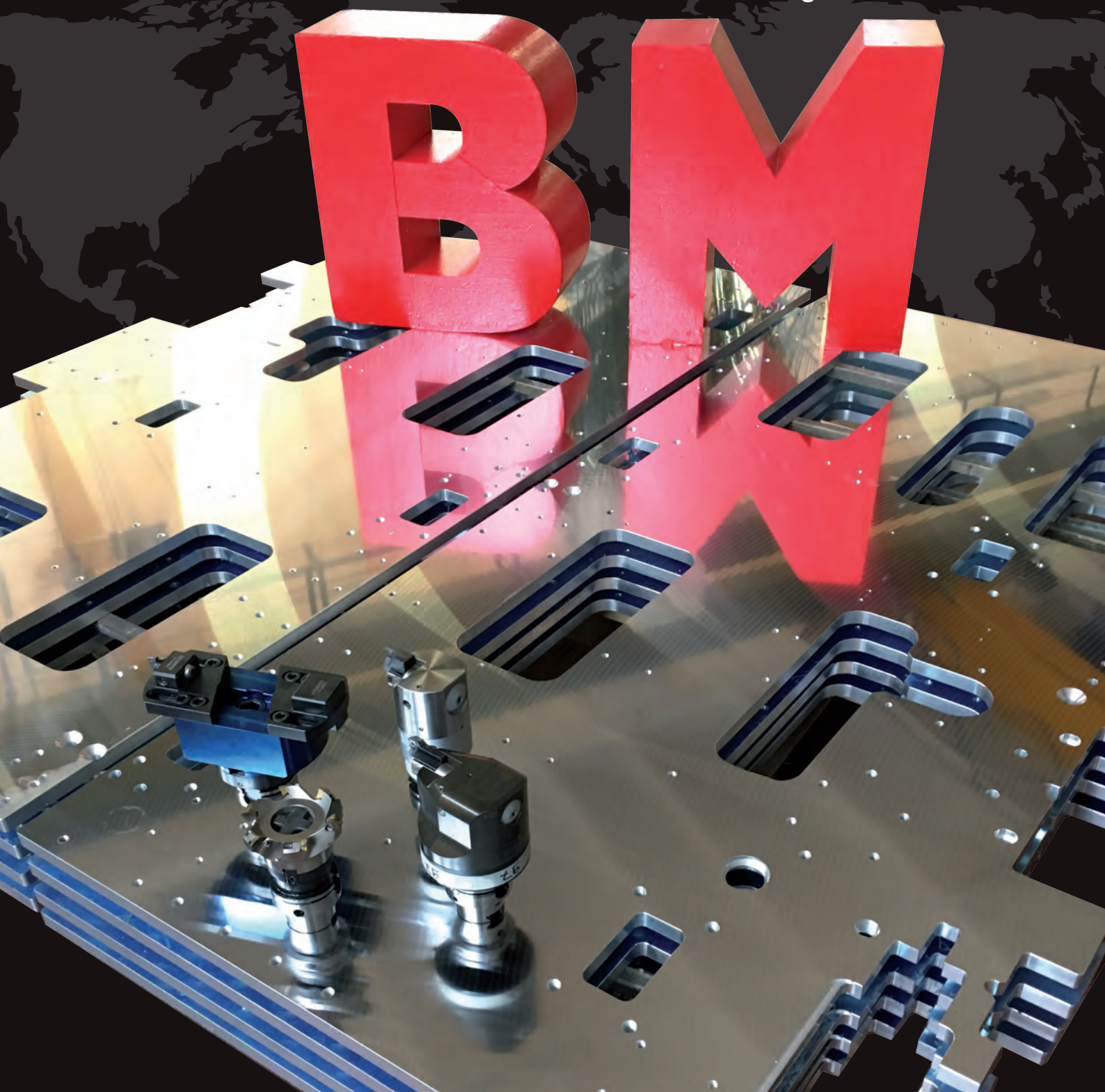
Group
group

LAVORAZIONI MECCANICHE

Qualità, velocità e servizio sono i nostri
punti di forza

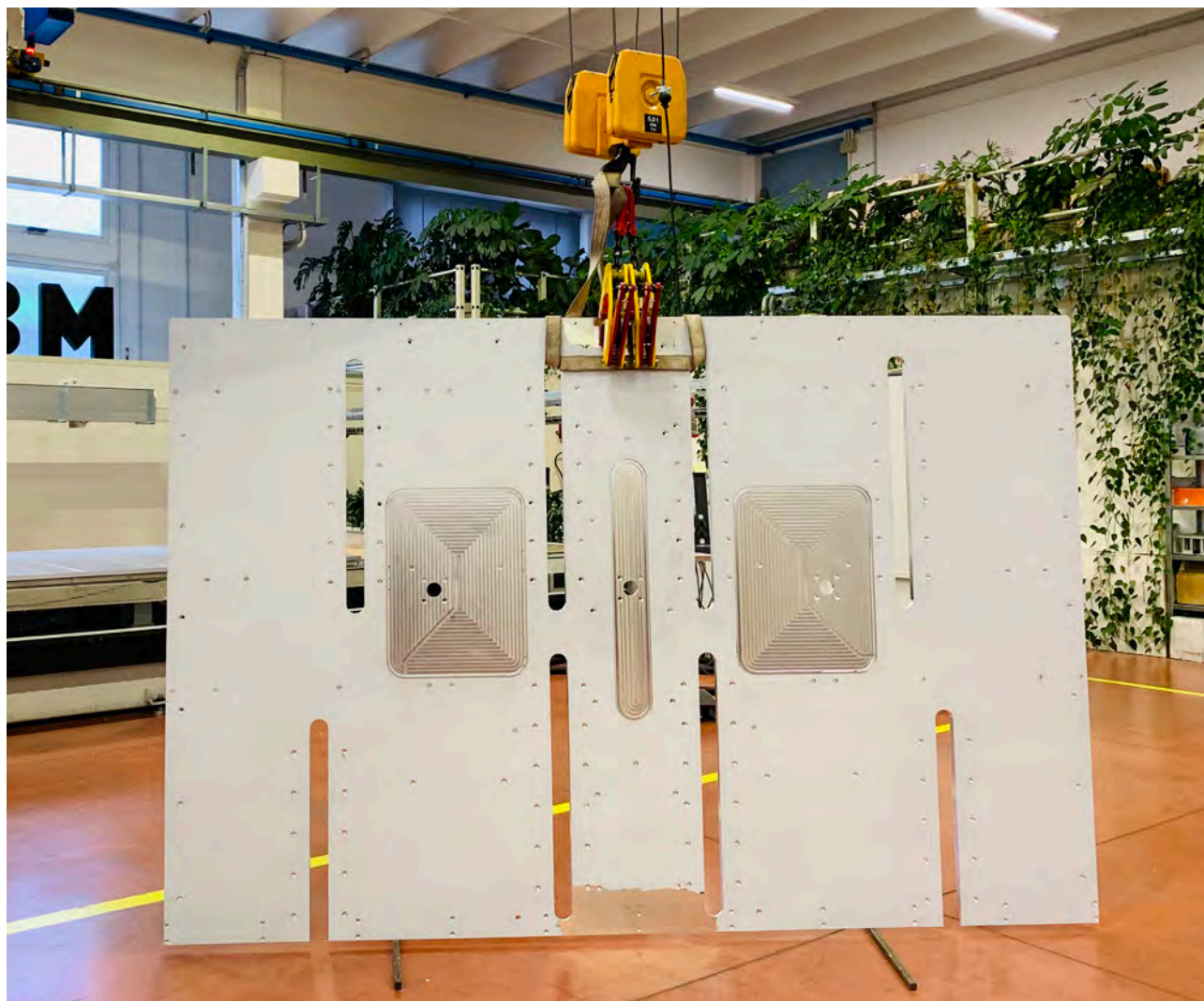
MACHINING

Quality, speed and service are our
strenghts



B.M. Groups s.r.l. - Via Garziere, 36 - 36010 Zanè (VI) Italy - T. +390445.314036 - F. +390445.314911
e-mail: bm@bmgroupsrl.com - www.bmgroupsrl.com - www.bmanodizzazione.com

B.M. GROUP SRL ALL-AROUND SERVICE: CNC MACHINING - PRE-TREATMENTS - ANODIZING



B.M. Group S.r.l. was founded more than 50 years ago and its Quality Management System is certified to the worldwide standard ISO 9001:2015. We count on two different production hubs – located in Thiene and Zanè - both easily accessible with the highway.

Our Chairman, **Mr. Silvano Busin**, has developed a deep knowledge of both sector through the years and for this reason he in person is managing the technical department. On the other hand, our VP **Ms. Marina Vitacca**, is managing both communication strategies and research

departments. Moreover, our team is made up with young and qualified staff aiming at continuous self-improvement, in line with our Management working philosophy.

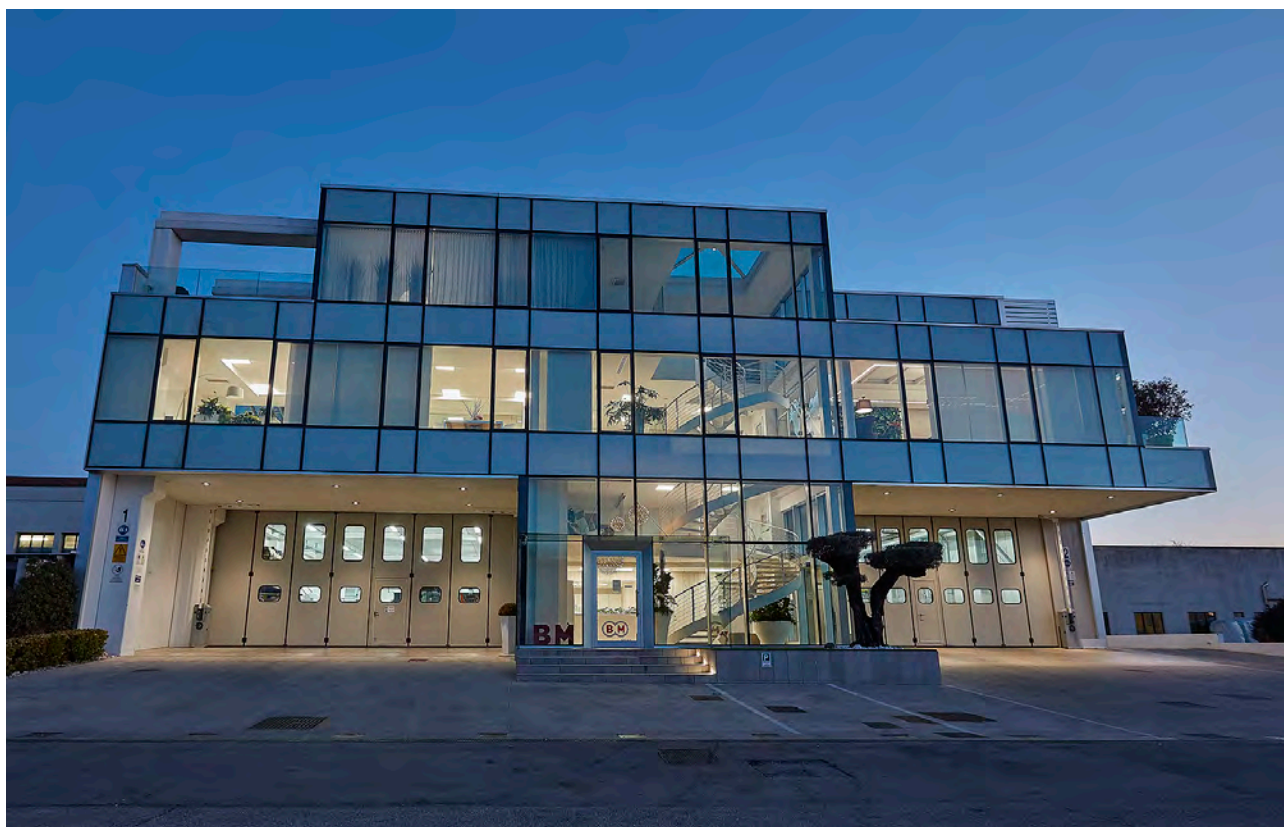
CNC Machining of big-sized aluminum plates has enabled us to establish also abroad in the main European markets and to meet the requirements of a niche sector in which B.M. Group S.r.l. has recognized the potential. Aside from the CNC Machining we perform pre-treatments as mechanical brushing with different types of finishing or chemical pre-treatments, as well as anodizing.

Our strong point is the speed of service, thanks to our warehouse which allows us to stock materials of different alloys (5083, 6082, 7075 etc.) and thicknesses, and also to our machines up to 13 meters long and 2,5 meters wide that enable us to machine multiple plates at the same time.

Upon the customer request we are able to release declaration of compliance with the order, as well as the normative MOCA (food-related norm), measurement reports, anodizing and/or material certificates as regulated by the European standard UNI EN 10204.

We were able to conjugate our know-how with the passion that has always distinguished us. We like thinking that our customers may find a partner able to make a difference.

www.bmgroupsrl.com



ESSENTRA TAPES TO SHOWCASE SUSTAINABLE PACKAGING SOLUTIONS

Packaging solutions experts Essentra Tapes is set to headline next month's Packaging Innovations event in Birmingham.

Rippatape® Halo, the jewel in the crown of its ECO Range, will step into the spotlight on the 15 & 16 February at the largest annual event connecting packaging specifiers and buyers with the suppliers, new materials, formats and expert knowledge.

Essentra Tapes' already much sought-after breakthrough solution looks set to turn plenty of heads across the two-day event, which represents a unique platform for directors of packing and filling operations to solve their manu-

facturing challenges and understand the key trends and technologies that will define their future investments,

"We can all agree that the most important innovations in the packaging industry today are those which are going to push forward the sustainability agenda," said Essentra Tapes' Head of Marketing & Development, Ian Beresford.

"E-commerce's rapid and vast expansion presents new challenges in shipping and packaging. This is the perfect platform to showcase Rippatape® Halo and our expanding ECO Range.

"The retail environment has never been more exciting. It's more competitive but also changing more quickly



than ever before. As the E-commerce market matures, new and more innovative forms of packaging are creating opportunities to make the online retail experience more engaging, targeted and less wasteful."

Rippatape® Halo is targeted at the E-commerce market and aims to help packaging manufacturers and brand owners alike as they seek to exceed consumers' environmental and product experience expectations.

As the first paper tape of its kind in the Essentra Tapes ECO Range, it is externally certified as recyclable with paper achieving an A+ level via the Italian National Recyclability Standard: UNI 11743 and MC 501: 2017 criteria.

With a tearing performance comparable to our market-leading Rippatape® 60, Rippatape® Halo does not compromise on the easy opening credentials of its plastic alternative. This is truly impressive from a product based on a single-ply, specialised coated paper with no plastic films or laminates.

"New thinking on how companies can deliver on critical objectives while producing enhanced environmental and socioeconomic benefits is necessary for any company wishing to become genuinely sustainable," added Beresford.

"An eco-evolution is happening on our doorsteps. But how do we join the dots between seemingly disparate customer demands, sustainability, and value? That's what we'll be looking to articulate on stand P72 across the two-day event."

The UK's largest annual event, which connects specifiers and buyers with suppliers, new materials and formats, and expert knowledge, is placing a strengthened focus on driving business and innovation at every stage of the packaging journey, from design and development to packing, filling, and fulfilment.

For more information, please visit
Tapes - Essentra.com



RIPPATAPE®

RIPPATAPE HALO

AN ECORANGE PRODUCT - RIPPATAPE® ONLY GREENER

- Recyclable - circular solution
- Paper-based - no plastic films or laminates
- Tears like our market leading Rippatape® 60
- Continuous, sheet plant or folder/gluer production compatible



NEW
RIPPATAPE HALO
PART OF OUR
ECORANGE





SCAN
FOR MORE
INFORMATION

For Essentra Tapes sales enquiries please email: sales@essentratapes.com

SUSTAINABLE PACKAGING

Mr. Ashok Chaturvedi, CMD, UFlex Limited, releases report on Recyclability of Multi-Layer mixed Plastics (MLP) at an industry event on sustainable packaging

Mr Ashok Chaturvedi, Chairman and Managing Director, UFlex Limited, recently released a report on recyclability of Multi-Layer mixed Plastic (MLP) waste at an event organized and hosted by Plastic Packaging Research and Development Centre (PPRDC).

Plastics Packaging Research and Development Centre (www.pprdc.in) is a non-profit research and development center established by the Multilayer Plastics Films Sanitation Trust. PPRDC recently organized a one-day round-table thematic discussion on “Sustainable Packaging and EPR Regulations” in Noida. The event agenda included a briefing by the PPRDC executives on Extended Producer Responsibility (EPR) norms and best practices on building a circular economy.

On this occasion, Mr. Ashok Chaturvedi, CMD, UFlex Ltd., released a study report on Recyclability of Multi – Layer mixed Plastics.

“At UFlex, we have always taken the lead in developing sustainable packaging solutions for our clients and for facilitating discussions with brand owners and regulators around recyclability of multi-layer mixed plastic waste. As a global leader in packaging, we have made significant investments in recycling facilities across our global locations to demonstrate the various applications of MLP waste. UFlex runs an advanced injection moulding facility at its Noida site and this was established to recycle granules and to demonstrate various possibilities to the moulding industry. Today, decorative, functional, engineering parts, household and office products, and hundreds of other articles are being manufactured with recycled granules at UFlex’s recycling facilities”, said Mr. Ashok Chaturvedi, CMD, UFlex Limited at the launch of the study report.

“This report will help brand owners and recyclers to appreciate the technical processes, possibilities, and financial returns on recycling MLP waste. This will help brand owners fulfil their EPR responsibilities and play an active role in keeping plastic waste out of landfills. In a country like India, this could provide an impetus to MSMEs to establish recycling facilities and unlock the value and potential of plastic waste. UFlex is more than willing to share best practices from their own recycling operations that have been running successfully for more than two

decades”, Mr. Chaturvedi added. As part of the round-table discussion, members of PPRDC’s advisory council and industry speakers discussed a wide-range of topics including environmental problems brought on by the careless disposal of plastic waste, the role of the organised sector in the management of plastic waste, leading India to a circular economy – road map, and the challenges faced by brand owners in complying with EPR guidelines, amongst others.

Notable industry speakers included Mr. Mihir Banerjee, Secretary General, PPRDC & BIS & ISO Plastics Sectional Committee member, Prof. (Dr.) S. K. Nayak, VC, Ravenshaw University (Former DG-CIPET), Mr. Swapan K Ray – Hon. Secretary Indian Centre for Plastic in The Environment, PPRDC Council member, Ms. Esha Sar, Chief Advisor South Asia, Alliance to End Plastic Waste, Mr. A Garg, A A Garg & Company and Consultant – EPR, Dr. Anomitra Chakravorty – KPS consultant & Impex Pvt. Ltd. and PPRDC Council member, Dr. Anup K. Ghosh, Professor Emeritus, Dep. Of Material Science and Engineering, IIT, Delhi and PPRDC Council member, Mr. Rajeev Dwivedi, Director TTRC BIS & ISO –

Plastics Sectional Committee member and PPRDC Council member, Mr. Sumit Basu, Chief General Manager (Pet-rochemicals), Indian Oil Corporation Limited, and others.

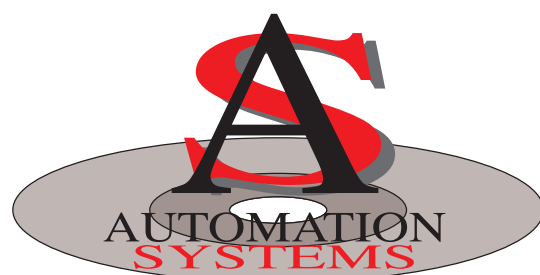
www.uflexltd.com





Automation systems s.r.l.
via Pier Enrico Motta,52
Casale Monferrato 15033
Italy

- info@automationsystems.it
- www.automationsystems.it



AUTOMATION SYSTEMS

Automation Systems is a company comprised of a team of skilled engineers specializing primarily in the Converting industry.

Our technicians have acquired over 30 years of experience in this field, allowing us to provide a turnkey service that encompasses everything from the CAD design of electrical and pneumatic schematics to the design of PLC SW, DRIVES, operator terminals, and supervision.

We also manufacture electrical cabinets and on-board machine systems, as well as provide installation, testing, and specialized technical assistance worldwide.

Our main focus is on the following types of machines: rotary presses, coaters, laminators, cutters, extruders, metallizers, flexographic presses, and machines for the paper and board industry.

In addition to graphic machines, our company has also gained experience in motion control systems, electrifying automatic machines with absolute precision and high-speed controls.

We utilize a variety of drives and control systems, such as Siemens (s5, s7, Simotion), Allen Bradley (Plc5, slc500,

machines for rotary presses, coaters, laminators, cutters, extruders, flexographic presses, metallizers, and machines for the paper and board industry

compact logix), CGE, Parker SSD (AC, DC, Brushless), Control Techniques (mentor DC, unidrive, unidriveSP, commander SE), Siei (DC, AC, Brushless), ABB (DC, AC), Danaher Motion, and many more.

Our Human-Machine Interface (HMI) systems include Wincc Flexible, Protool, Panel View, TIA PORTAL, Uniop, ESA, Proface, and others.

We are confident that we can offer you an expert and reliable technical service.

www.automationsystems.it



SECTORS

 **AUTOMATION**

 **GRAPHIC MACHINES**

DOMINIONI: PRODUCTS FOR ANY REQUIREMENT

DOMINIONI SRL, certified ISO 9001:2015, is leader in the production of thermoplastic and of techno polymer COMPOUNDS: ABS - ABS V0 (ROHS) - SAN - PS - PP - PMMA - SMMA - PC - PC/ABS - PET-G - BIO.



We offer advanced products for any requirement in the field of PACKAGING for COSMETICS, PHARMACEUTICAL products, COSTUME JEWELLERY, ELECTRICAL components, HOUSEHOLD APPLIANCES, TOYS, FURNITURE, LIGHTING, GIFTS and FANCY GOODS, etc.

Thanks to its structure, our Company can guarantee to the Customers a service of total and constant cooperation made of flexibility, dynamism and reliability. Each product is the brainchild of our colorists, in direct collaboration with the customer.

The experience gained in this field give us the opportunity to rapidly realize new colors, both transparent and opaque, and special effects such us:

- metallic
- fluorescent

- pearled
- marbled
- iridescent
- wood
- opalescent
- granite

Moreover, we produce an aesthetic high-density compound with high specific weight (to be used to prevent the insertion of metal materials) suitable for painting, plating, galvanizing and UV rays metalizing.

www.dominionisrl.it



SECTORS

COSMETIC

DIFFERENT ITEMS

CAVANNA PACKAGING: NOT JUST PACKAGING LINES

Cavanna Packaging Group is well known in the packaging industry, being a leader in the field for over 63 years both on the national and international market.



Riccardo Cavanna

Company's President

Their flowpack primary packaging lines and secondary and tertiary packaging are renowned worldwide for their efficiency, reliability and functionality. Less is said, however, about an extremely important phase of the technological system provided by the

Piedmontese company but fundamental for customers: the service.

We wanted to delve deeper into the subject and understand more about what Cavanna's service consists of by directly interviewing the company's president, Riccardo Cavanna.

Dr. Cavanna, what does the service part that you provide to your customers consist of?

In addition to the wide range of packaging lines for various industrial sectors, such as bakery, pharmaceuticals, etc., we offer our customers a functional and complete digital platform that allows for the management of a wide and useful range of activities such as maintenance, optimization, access to machine data, ticketing, e-commerce for spare parts, interactive recognition and a series of other services that greatly support and facilitate the work of our customers.





Our Service division has been an independent business unit for over 20 years that provides complete support and assistance to the industry using our lines, not abandoning it at any step of the process, especially in times of need thanks to the help and expertise of about 100 people present in the service hubs around the world.

What are the market trends that influence your sector?

Cavanna has distinguished itself over the decades by being constantly up-to-date regarding market trends. Currently, for example, the world of bakery is moving to-

wards filled and coated products, with high added value, which however, involve some difficulty in the portioning, packaging and secondary packaging phases.

Based on these developments and changes, over the years we have worked to address every type of challenge and to meet every single request or need of international food and non-food companies that have also asked us for the impossible in order to package their products.

We have always taken on every project not only with the intention of providing the right solution to the customer, but also of pushing the bar even higher in terms of innovation and performance of our lines.

At Interpack, for example, we will present several stories of innovation and customization born from requests from companies around the world that we were able to satisfy thanks to determination, study and know-how.



SECTORS

✓ PHARMACEUTICAL

✓ FOOD

✓ PACKAGING

four chats with...





Let's talk about packaging style.

As I said before, every possible request for us is a challenge to overcome. We have designed lines for the creation of stacks of products, even very delicate ones, packaged in trays or inserted sideways, up to large packages. In short, we have always pursued a packaging style that satisfies the needs of both the retail and private label worlds, as well as the HORECA sector.

Let's talk about packaging materials. How do you approach the issue of sustainability?

Sustainable packaging materials are a fundamental issue.

Of course, the materials must also guarantee the most important shelf-lives, such as those in the pharmaceutical and food industries.

To this end, we have designed a sensory welding system that allows for the collection of data related to this process. From the collection and analysis of data, the customer can constantly, safely and in real-time verify the quality of the welding and, if necessary, take timely corrective action.

In short, a digital approach applied also to welding mechanical groups.

The Cavanna Service has a test lab, the TestCLab, where not only tests are carried out on packaging materials to verify the seal strength or cutting edge reductions, but also cooperations are developed with the main converters and film producers to develop and test new and more performing films.

And with respect to secondary packaging, what can you tell us?

We have developed integrated islands that allow us to design systems for primary, secondary and tertiary packaging.

Our robots do not require redundant electronics as they have been developed by us or for us, nor do they require external software platforms. They are equipped with automation that allows them to control all stages of the process.

This greatly reduces problems such as "bottlenecks" in case of critical issues and eliminates the possibility of passing responsibility between suppliers.

This is a very important aspect, an innovation in terms of corporate strategy, because it puts us in the forefront with the customer, taking on full responsibility and burden to manage the process from A to Z with a single engineering system.

The customer interfaces with a single point of contact throughout all phases of the work.

We have therefore learned more about another aspect of the Cavanna world, which confirms and explains the success and constant growth that have characterized one of the largest and most important Italian entrepreneurial realities.


www.cavanna.com





NO-PLASTIC PROGRAM

**MORE SUSTAINABLE SOLUTIONS,
LESS PLASTIC IN PRODUCTS AND PROCESS**

Z E R 

NOP (No-Plastic Program) means we promote eco-friendly plastic substitutes for the packages manufactured on IMA machines. Through the research and testing of alternative processes and materials together with our partners we foster plastic-free and sustainable, compostable, biodegradable or recyclable packaging solutions.



According to these objectives, IMA established **OPENLab**: the Group's network of technological laboratories and testing area, dedicated to the research on **sustainable materials, technologies** and **production optimization processes**.

Discover more about **IMA NOP** on ima.it/imazero
and **IMA OPENLab** on ima.it/open-lab



IMA IN THE FOOD MARKET

IMA serves the international **Food** market with the best platforms and machines now available to satisfy any industry need, consistently providing tailored technologies for the **processing** and **packaging** of **tea & herbs, coffee, confectionery, stock cubes**

and savory, dairy and baby food, bakery, protein, produce and more, offering fully engineered turn-key solutions delivery highly efficient packaging lines. Innovation is a keyword to success and IMA FOOD counts on a variety of specific solutions starting from **the Tea**





& Coffee sector, strong of a world leading position in the manufacturing of tea bag packaging machines and counting on the renowned know-how and competence on processing and packaging solutions for the entire **coffee industry** chain.

In 2023, at least two new packaging platforms will see the light of day:

the **new high speed C24-IQ Tea Bag Packaging machine and the new SYNKRO**, a latest generation **high-speed coffee capsule filling and sealing machine**.

IMA FOOD supports the **Confectionery** international industry responding to the most diverse processing and packaging requirements with

machines and platforms conceived to handle **gums, candies, coated sweets and bars**. A variety of technologies are available to respond to the fast-moving industry trends and needs: compression and coating, wrapping and primary packaging for cartons, rigid containers, flow-packs, doy-pack and blisters up to case packing and palletizing.



SECTORS

- ✓ TEA & COFFEE
- ✓ CONFECTIONERY
- ✓ STOCK CUBES & DAIRY
- ✓ BAKERY
- ✓ PROTEIN





IMA FOOD also boasts an undisputed leadership in the manufacturing of low, medium and high-speed dosing, pressing and wrapping lines for **hard** and **soft stock cubes** with a wide choice of solutions, ranging from stand-alone machines to fully integrated, turnkey lines including boxing and cartoning machines and end-of-line packaging in display and bulk containers.

Ready to be launched in 2023, the new **IMA CORAZZA PDP24**, a compact, reliable and flexible hard stock cubes pressing machine.

For the dosing, wrapping and packaging of **cream, fresh or processed cheese** IMA is a reference brand, with a wide range of machines for **triangular, rectangular** or **square portions** guaranteeing high flexibility with its dosing systems.

IMA also provides equipment for dosing and wrapping, filling and sealing (FS), cartoning and **end-of-line solutions** for **butter and margarine** products packed into mini, consumer and big portions.

IMA offers the most revolutionary technology in the field of flexible stand-up spouted and unspouted pouches, pre-formed and thermoformed cups **for yoghurt, beverages and baby food**, leaving the customer free to choose shape and marketing solutions.

Form, fill and seal machines (FFS) for cups, portion packs, stick packs and sachets, **fill and seal machines** (FS) for pre-formed cups, tubs, and bottles complete the range of solutions for the dairy & food industry.

To respond to the demanding request for **flexible packaging solutions** on any food market segment, IMA offers the widest variety of HFFS and VFFS packaging lines constantly researching innovative solutions and **new eco-compatible materials**.

Fruit of **IMA ILAPAK's** innovation and ready to be launched: the new **Delta OF-360 X** (HFFS) able to switch from a material type to another with no effort at all, and the new **DOYTRONIC 120** (VFFS) compact, modular and easy to use.

A wide range of end-of-line solutions complete the range, enabling the handling of countless types of products and packages: overwrapping, stretch banding and shrink wrapping, case packing and palletizing.

www.ima.it/en/

IMA  **SPA**
Sustain Ability





L.B.A.^{s.r.l.}

Gli specialisti dell'imballaggio

Dal 1992



Sede Operativa ed Amministrativa



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fax +39 0161 91 23 73



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PEC: lbasrl@arubapec.it



Codice SDI: WP7SE2Q

Sede Operativa di Castel San Giovanni



Via Galileo Galilei 2A, 29015 Castel San Giovanni (PC)

Sede Legale



Via XX Settembre 3, 10121 Torino (TO)



www.lbasrl.it

INNOVATION BY MINI MOTOR TALKS TO THE FOOD SECTOR

Fast Change and Clean, two dedicated lines of Brushless motors designed for the specific needs of the food industry

For over 55 years **Mini Motor**, an Italian company located in the heart of the Emilian Motor Valley, has been designing and manufacturing **electric motors** for the industrial sector, proudly bringing the Made in Italy all over the world.

With branches in Europe, USA and UAE, along with an extensive dealer network, Mini Motor makes innovation and new product development its flagship.

From the expertise of Mini Motor comes **Fast Change**, the new line for fast, effective and safe format change, ideal for the food sector.

Thanks to Mini Motor's experience and listening to a market that is increasingly looking for **customization and diversification** of "talking" packaging, this new line of motors has been designed with **remote control** to ensure compactness, compatibility and high integration in the system. Fast Change also guarantees a high speed, ensured by the higher actuation speed of the motors, double that of competitors, and by the reduction of machine downtime during format change, a particularly time-consuming and productive operation.

The **electronics** with which the **FC** is equipped allow parameters to be set and diagnostics to be carried out remotely, enabling the control and monitoring of the operating status of the product and predictive maintenance, an essential step in providing the machine with any necessary assistance in a short time.

Designed according to **Hygienic Design**, the Fast Change series meets the highest requirements of the food sector, guaranteeing hygiene, reliability and safety: indispensable allies for food processing and packaging.

The **stainless steel** present in Mini Motor motors, in fact, resists corrosion caused by food and drink, avoiding contamination and alteration of these. It is thanks to this special feature that stainless steel has been chosen as the protagonist of Mini Motor's line of **Clean brushless motors**: its use is a mandatory and successful choice in the food industry since **Inox 316L** is extremely resistant to jets of boiling water (80°C) and high pressure (90 bar); moreover, it is very easy to clean, thus becoming an ally for sectors that produce particular types of products, such as gluten-free ones.



Fast Change

SECTORS



AUTOMATION



FOOD AND NON-FOOD



The series also finds perfect application in the maturing plants of **delicatessen and ham industries** as well as in those for the processing of **fish and seafood products**. In such high salinity environments, the **316L Stainless Steel** chosen by Mini Motor, unlike the standard 304, is able to resist corrosion for a long time.

Once again, the Emilian company does not limit itself to responding to market demands, but pushes its **innovation further**, creating products capable of truly improving work in companies in the food sector and bridging the gap with competitors.



www.minimotor.com

OUR IDEAS, YOUR NEEDS

Since 1979

Sacchettificio Toscano has been on the market since 1979 and from the beginning we chose to offer beauty and quality through our products for packaging: fabric pouches, non-woven fabric and cotton canvas shoppers, paper bags, GOTS – Global Organic Textile Standard – certified, environmentally friendly pouches, all rigorously Made in Italy.

Since 2012 the company moved to the new plant in Cerreto Guidi, a splendid building of about 3.000 m2 and built using innovative cladding material.

It has a large warehouse which allows us to quickly process orders for pouches in the most common materials. A new building is currently being built to respond to the growth in the volumes of work.

We work every day with big fashion and jewellery brands, small quality boutiques, companies of all kinds that are looking for pouches in line with their image. Indeed, the relatively low production minimums allow us to also serve small-sized clients.

We always start from your ideas and from listening to your needs: each pouch, each package, must dress your product to perfection, but even earlier, they must dress your brand and contribute to creating a quality experience for your clients.

This is why we assist you in designing and developing the pouch, providing you with all our technical skill, experience and passion.





HAUTE COUTURE FOR PACKAGING

Our philosophy is to enhance the value of the products. When a low neckline is a masterpiece of craftsmanship, a bag is an object of desire, a boutique is an enchanted place where you can be nurtured by shapes and colours, at Sacchettificio Toscano we would like to add a small piece to the dream.

We do it with delicate satins that caress the crafted leather, velvets that dress small jewels, strong but resplendently coloured fabrics which hide gifts chosen with love, making them, at the same time, even more desirable.

We have chosen to give you Haute Couture for the packaging: we study what conforms to your style with you and we do it with the passion of those who love beautiful things. Our job is to enhance and embellish your work.

We like to think of ourselves as good travel companions that help you, season after season, to create emotions for the buyers of your products, so that they never forget your name!

ATTENTION AND CARE FOR THE ENVIRONMENT

100% ecological products.

From our love for beauty comes the one for harmony: this is why we are so careful as to be an ethical company that respects nature.

Indeed, the attention and care that transform a simple pouch into an object that your client will keep with care can only come from a peaceful environment.

HIGH QUALITY MATERIAL AND DESIGN

We create pleasant to the touch and the eye pouches to captivate all the senses.

This is why we only use selected suppliers and process only Italian made fabrics. The environmental certifications FSC® and GOTS also guarantee raw materials like paper coming from sustainably managed forests and cotton from organic farms for the most conscientious clients.

The choice of the model, its customisation, the colours... for all of this we work alongside you offering our competence and professionalism. We assess the feasibility of the models, we suggest modifications, we optimise the costs to offer you a product in line with your needs.

www.sacchettificiotoscano.it



**SACCHETTIFICIO
TOSCANO**

italian packaging

SECTORS

 **PACKAGING**



ANICO, EXPERTS IN FLEXOGRAPHIC PRINTING ON PAPER

In the moment you need to pack food products, the value of choosing the right partner is essential. Knowing how to select and handle the right paper does not only protect the item inside.

This also acts as a visual representation of the brand and can have a strong impact on sales. That's the reason why

Anico, being expert in flexographic printing on paper, has set itself the task of providing the best possible paper packaging for food products. Anico has been a leader in the food packaging industry for over 33 years.

We are aware that paper is a precious resource and a special material that requires care and expertise in order to be used in an efficient way.





We've strongly invested in the latest technologies and techniques to produce the highest quality paper based packaging for our customers.

Anico's uniqueness is its commitment towards sustainability. We are environmentally friendly, using only the highest quality raw materials that are not only the best decision for environment, but also for the food itself which is packed inside.

Choosing the proper partner to pack your food is important to consider the level of expertise and effort towards sustainability.

Anico has both qualities which make us the perfect choice for any food manufacturer that wants to improve its brand and increase sales.

By standing with Anico, you can be certain that your products are going to be properly kept and shown within the best possible light ever.

Visit:

www.anico.it



SECTORS

✓ FLEXOGRAPHIC
PRINTING
✓ PACKAGING



BIOGEST SRL: ANALYSIS OF FOOD CONTAINERS AND PACKAGING

The world of packaging intended for food contact is certainly one of the continuously evolving sectors, both in the regulatory and technological fields.

All companies that produce and / or use food packaging face various problems every day.

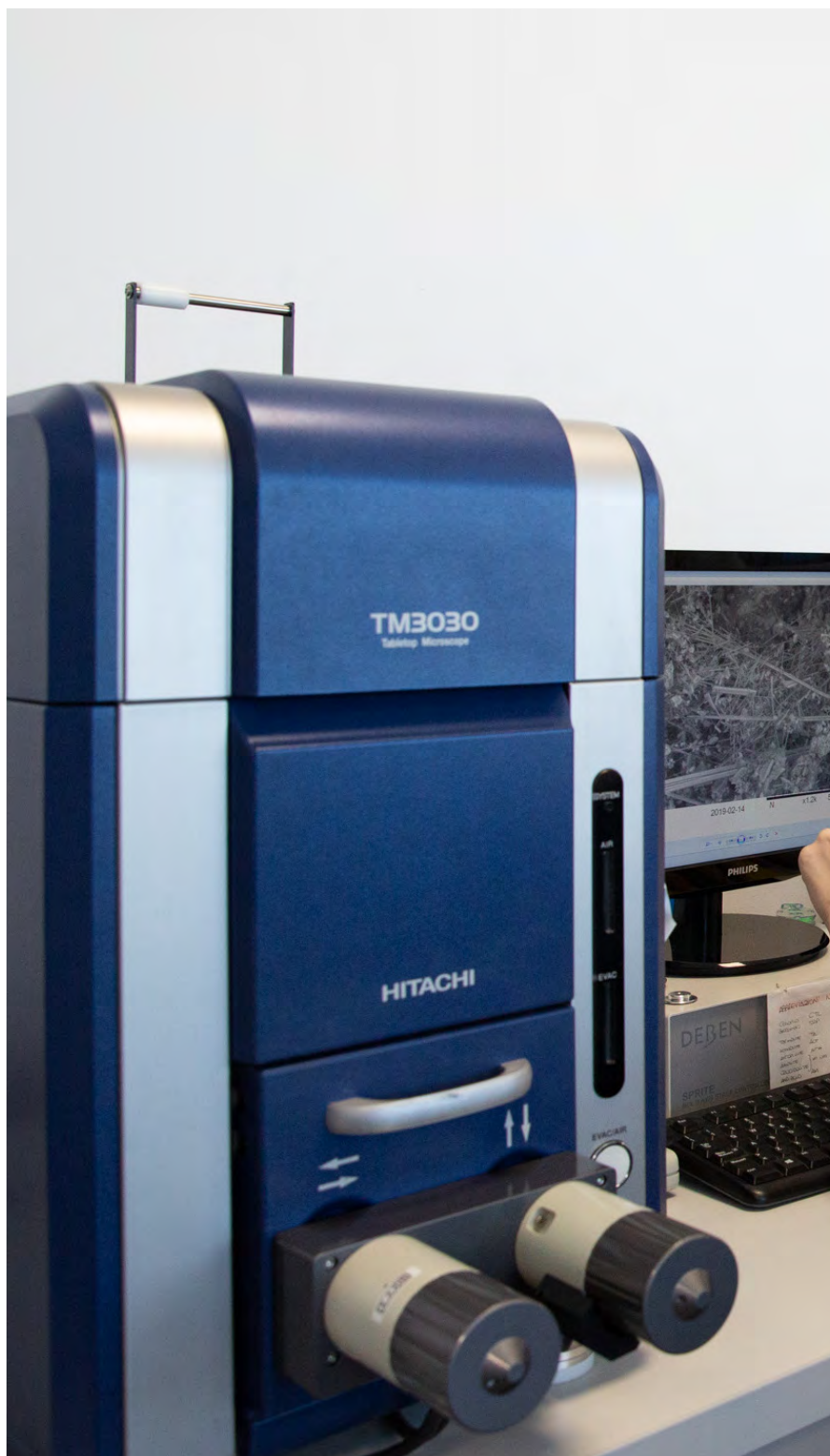
All materials that come into contact with food, from manufacturers' packaging to crockery, cutlery, glass, ceramics and food storage containers, must be tested to ensure their safety. In fact, they must not transfer unacceptable quantities of their components to food. The analysis of materials intended for food contact protects the health of consumers.

The current regulatory framework is complex, because alongside the analytical checks on the finished product, there is also the need to verify the compliance of the additives and technological adjuvants used that meet the legal requirements [Ministerial Decree 21 March 1973, Reg. CE 1935/2004 and Reg UE 10/2011]

According to current legislation, all packaging intended for contact with food requires the carrying out of global and / or specific migration tests to verify the absence of release of harmful substance.

Biogest Srl is able to carry out tests on:

- global migration according to the methods DM 21/03/73 and UNI EN 1186
- specific migrations according to the UNI EN 13130 methodologies (they include the migrations of monomers (eg. Phthalic acids, vinyl chloride, etc ...))
- migration of traces of technological adjuvants
- control of the composition
- purity requirements
- sensory analysis (PANEL TEST), both olfactory and gustatory, according to UNI and DIN standards
- migration of dyes
- searches for pollutants (eg. PHTHALATES, DIPB, Disopropylnaphtalenes DIPN, Bisphenol A, o-phenylphenol, etc.)





SECTOR

✓ PHARMACEUTICAL

✓ COSMETIC

✓ FOOD





All the determinations regarding the packaging are carried out by qualified personnel with the implementation of official national or European standards.

Food packaging and materials intended for food contact are regulated by the following regulations:

- In the EU area, for:
- All materials - Framework Regulation (EC) n. 1935/2004
- Ceramics - Directive 84/500 / EEC corrected by Directive 2005/31 / EC
- Regenerated cellulose film - Directive 2007/42 / EC
- Plastics - Regulation 10/2011 / EU with related additions and changes on plastic materials and articles that come into contact with food.
- Nitrosamine - Directive 93/11 / EEC
- Plastics BADGE, BFDGE & NOGE - Commission Regulation (EC) 1895/2005

Biogest laboratory technicians perform rigorous product inspections and analyzes for the following categories of food containers, packaging and items intended to come into contact with food:

- Paper, glass and ceramic containers (for single or multiple use)
- Jars, cans and bottles

- Plastic, metal and wooden containers
- Ceramic and glass objects
- Kitchen utensils and cookware
- Silver plated items
- Water bottles and thermos
- Baby meal set, bottle and lunch box

Biogest laboratory technicians perform the following checks to ensure the quality and safety of your items intended to come into contact with food:

- Visual examination and evaluation
- Size control
- Sensory analysis and stain detection
- Physical risk assessment
- Color bleeding
- Composition control
- Overall and specific migration test
- Substances added unintentionally (NIAS)
- Volatile organic compounds
- Heavy metals (extractable and at risk of release)
- Residual monomers and solvents
- Impurities and by-products
- REACH SVHC (Substances of Extremely Concern)

www.csagroup.it



Fornitore

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Mondelez - Kraft Food
Tribunali - Società Investigative



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laboratorio accreditato ACCREDIA



- Analisi chimiche
- Analisi fisiche
- Analisi genetiche
- Analisi microbiologiche
- Consulenze e servizi
- Test in vitro
- Valutazioni in vivo
- Tossicologia



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15121 - Alessandria (AL)

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www.csagroup.it

CLOSE COLLABORATION RESULTS IN HIGHLY FLEXIBLE, INDUSTRY-DEFINING MODULAR PACKAGING CONCEPT

Cama Group redefines CPG and HPC packaging practices, with modular, high flexibility, fully automated packaging solutions that can deliver multiple shelf-ready formats with minimal costly and time-consuming re-engineering.

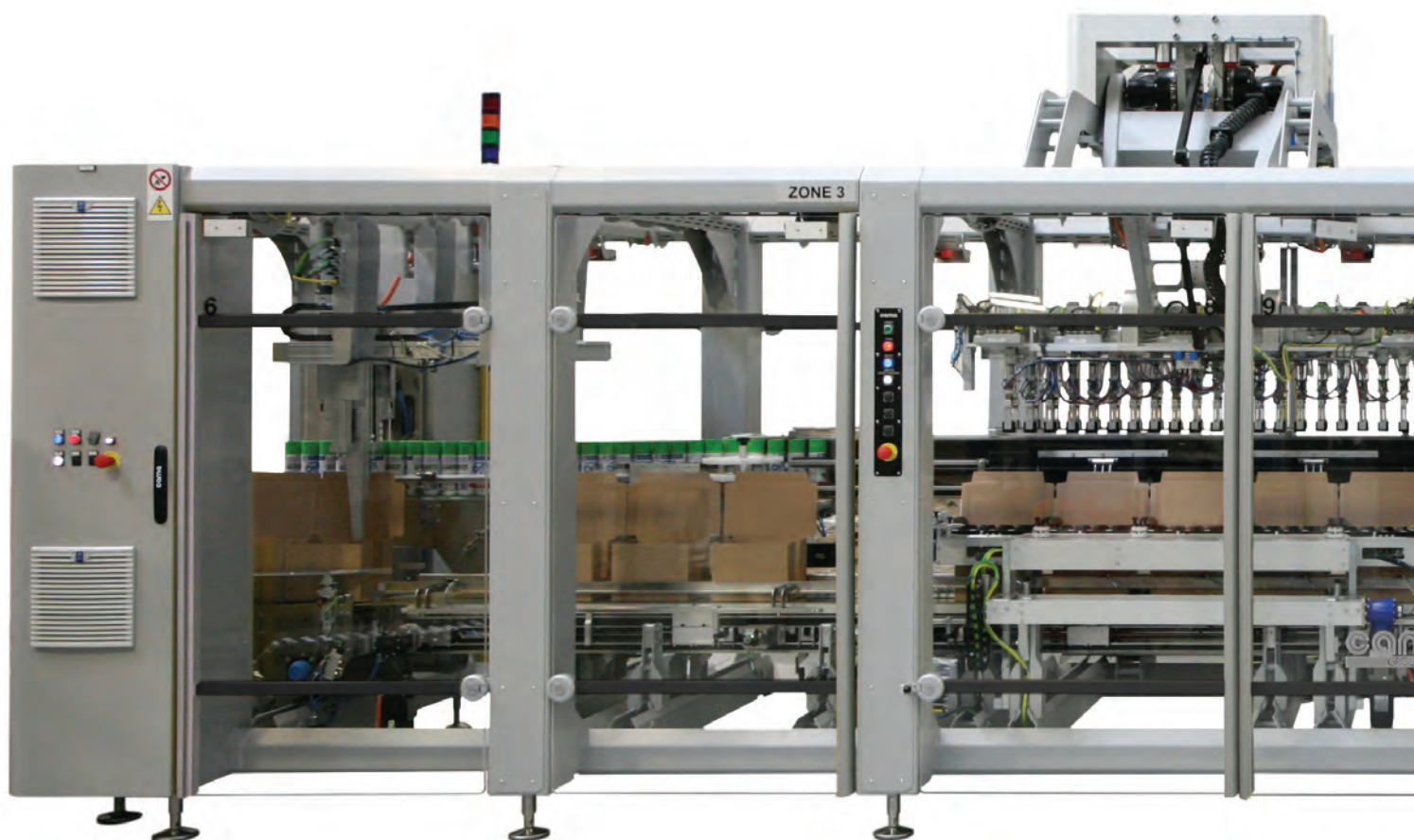
As customer wishes and marketing promotions demand a wider choice of product varieties, many leading consumer product (CPG) and health and personal care (HPC) companies are demanding far greater flexibility and agility from their OEM machine suppliers.

Traditionally a stalwart of the confectionary and bakery sector, Cama Group has brought its packaging expertise

and technology into the CPG and HPC domain, delivering shelf-ready packaging solutions that far surpass those from many of the industry's traditional suppliers.

According to Alessandro Rocca, Sales Group Director at Cama: "In general, in the homecare market, there is a tendency for higher in-feed and box speeds, which is not always conducive with creating packaging that has the all-important visual appeal.

This style of shelf appeal has always been important in food sector and, as such, this type of packaging format is much more developed. Indeed, we are now seeing many CPG and HPC companies looking to food industry suppliers, such as





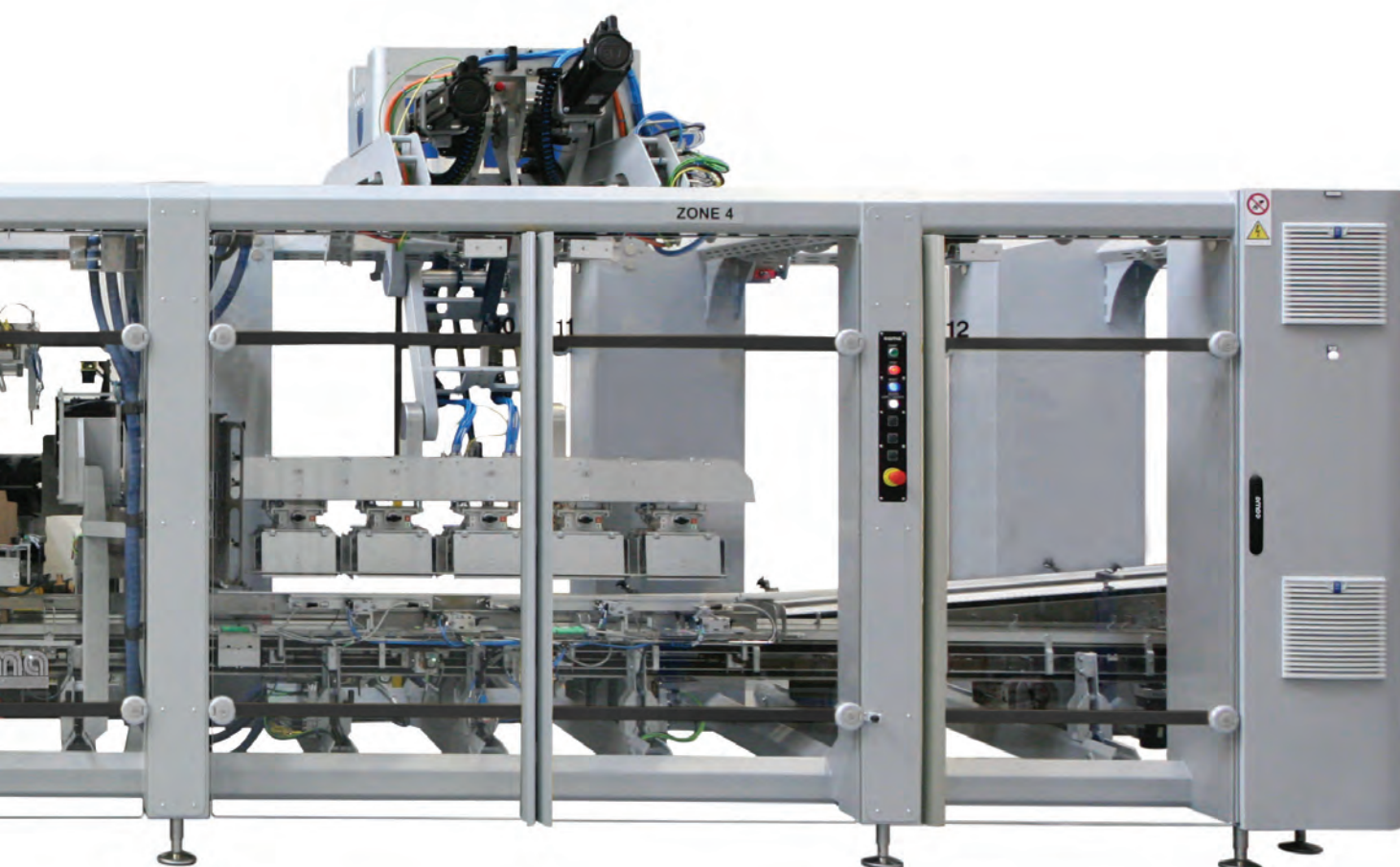
Cama, who can supply machines that work from blanks that will eventually deliver good shelf appearance.

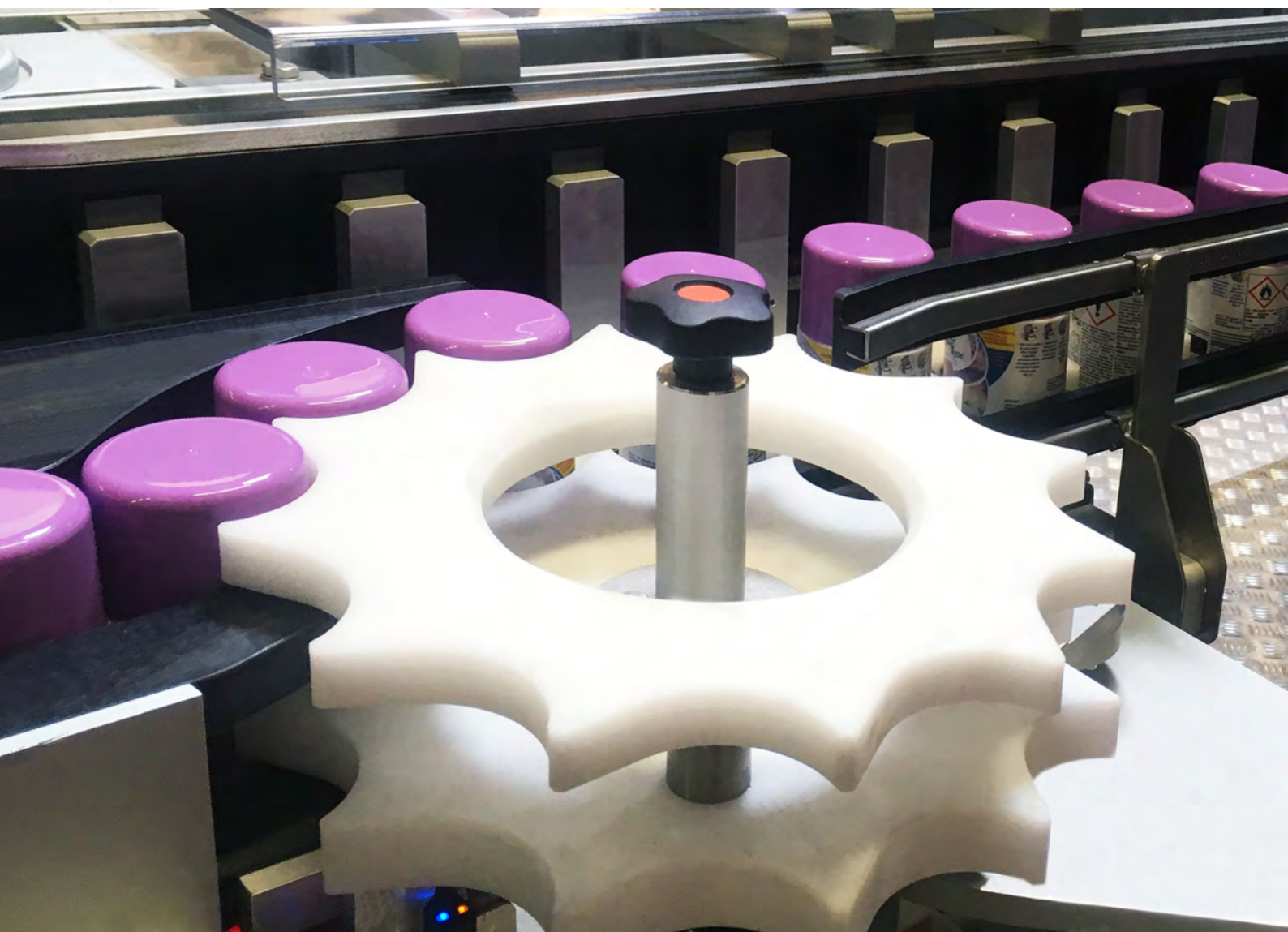
“High output and flexibility is not a strong point of traditional suppliers either,” he continues, “where packaging in-bulk and mass shipping has taken precedent over aesthetics. We see the same opportunities in other markets and products, where speed coupled to appealing visuals is starting to define future plans.”

Cama has recently worked with a leading global HPC brand, to develop an aerosol-can packaging solution

that delivers all the key facets of this modern approach: speed, agility, flexibility, careful product handling and, of course, shelf-ready packaging.

The Cama IF series – based on the company’s award-winning modular Monobloc architecture – offers users a unique combination of integrated packaging machines and robotic loading units. Through tight integration of each of the primary modules (forming, loading and closing), Cama has developed a machine that delivers the incredible flexibility demanded by the HPC industry, but within a reduced footprint.





“We worked very closely with the customer on the design and realisation of this variant,” Rocca explains. “It was part of an internal development project that had been formulated to address rapidly changing market demands – in terms of product variety and the resultant changes in packaging formats – but without sacrificing quality or visual appeal.

“The customer still needed high throughput, though,” he continues, “so we brought our expertise from the other industries we serve and deployed them in a machine that we think will redefine CPG and HPC packaging going forwards.”

In operation, the machine receives capped aerosol cans from an infeed system, with each can being allocated a separate feed pocket, which keeps each can separated, in order to provide precision and positive control, which is a core element of Cama’s product handling philosophy. The box for the aerosol cans is formed, in parallel,

on a forming machine, which has the ability to create boxes that can accommodate a wide range of product counts, diameters and heights.

Once the boxes are formed, the cans are picked up individually – in groups/counts defined by the packaging recipe – by a dedicated multi-format gripper; the technology for which was developed in collaboration with the customer. A quality control solution, delivered by a Cognex camera-based vision system, then checks the product count and cap quality, before the boxes are passed to a closing station, which completes the packaging operation.

“Each individual gripper can be adjusted,” Rocca elaborates, “meaning there is minimal re-engineering when the product format changes. This flexibility and changeover speed is reflected in the machine’s other modules. As a result, it can handle 14 different box configurations and multiple different product formats.



"Tightly integrated automation provides the differentiation here," Rocca enthuses, "with servo motors providing the majority of the axes control. These servo solutions are complemented by our own two-axis robotic loading technology, which has been designed in-house to closely match our machine's operational parameters. With a choice of Rockwell Automation or Bosch automation solutions, the customer gains the ability to more easily integrate the machine into their wider enterprise. In this application, a Rockwell Automation control architecture was deployed, which was backed up by the automation supplier with training for the customer.

The result of all this development work and close collaboration with the end user, is a machine that can gently and accurately package a wide variety of products in a range of shelf-ready packaging formats at a rate of up to 60 boxes per minute – a throughput figure much higher than any of Cama's competitors could commit to.

"We now have some amazing references in the CPG and HPC industries, including multi-variety product packaging applications," Rocca expands. "Flexibility is totally key, combined with shelf-ready cases and high line output. We can also easily address any Industry 4.0 and IIoT initiatives, as the control solutions we deploy offer seamless connection to plant-wide systems. And, to strengthen our design capabilities – and to make life

easier for our customers – we are working on virtual commissioning and digital/virtual twins, too, alongside our own software and control applications that communicate with higher level control systems, while delivering robust cybersecurity.

"The customer came to us, because like them, we have a global presence, with offices throughout the world," Rocca concludes. "They recognised that if their own supplier base did not offer the technology and solutions they required they would need to look elsewhere; and this led them to us. We have since signed a global agreement for the supply of technology to other plants. Our capabilities span multiple industries and what we learn in one we can deploy in another – it is a constantly evolving process, which strengthens our capabilities and the services we can offer to our customers."

www.camagroup.com



SECTORS

✓ FOOD

✓ NON-FOOD

✓ PERSONAL, HOME
& HEALTH CARE



A SMALL PRODUCT OF BIG QUALITY

EMS99 di **Marco Ventura** is a company specialized in the production of steel types, marking wheels, interchangeable characters, holders, cliché for packaging machines in the pharmaceutical, cosmetic, food and tobacco sectors.

Considering its use, the steel type is **a small product** that requires **great quality** for its technical tolerances.

Our products are made of steel for cold works, engraved and tempered, or made of brass for hot printing. The traditional engraving with chip removal allows a clear print thread.

Steel types are made according to drawings or samples for various types of machines, not only Italian ones.

In a world where companies use more and more laser or inkjet systems for printing and encoding, the new rules that lead to the product serialization process are still an unknown feature, especially for small and medium companies.





SECTORS

- ✓ PACKAGING
- ✓ PHARMACEUTICAL
- ✓ FOOD, COSMETIC



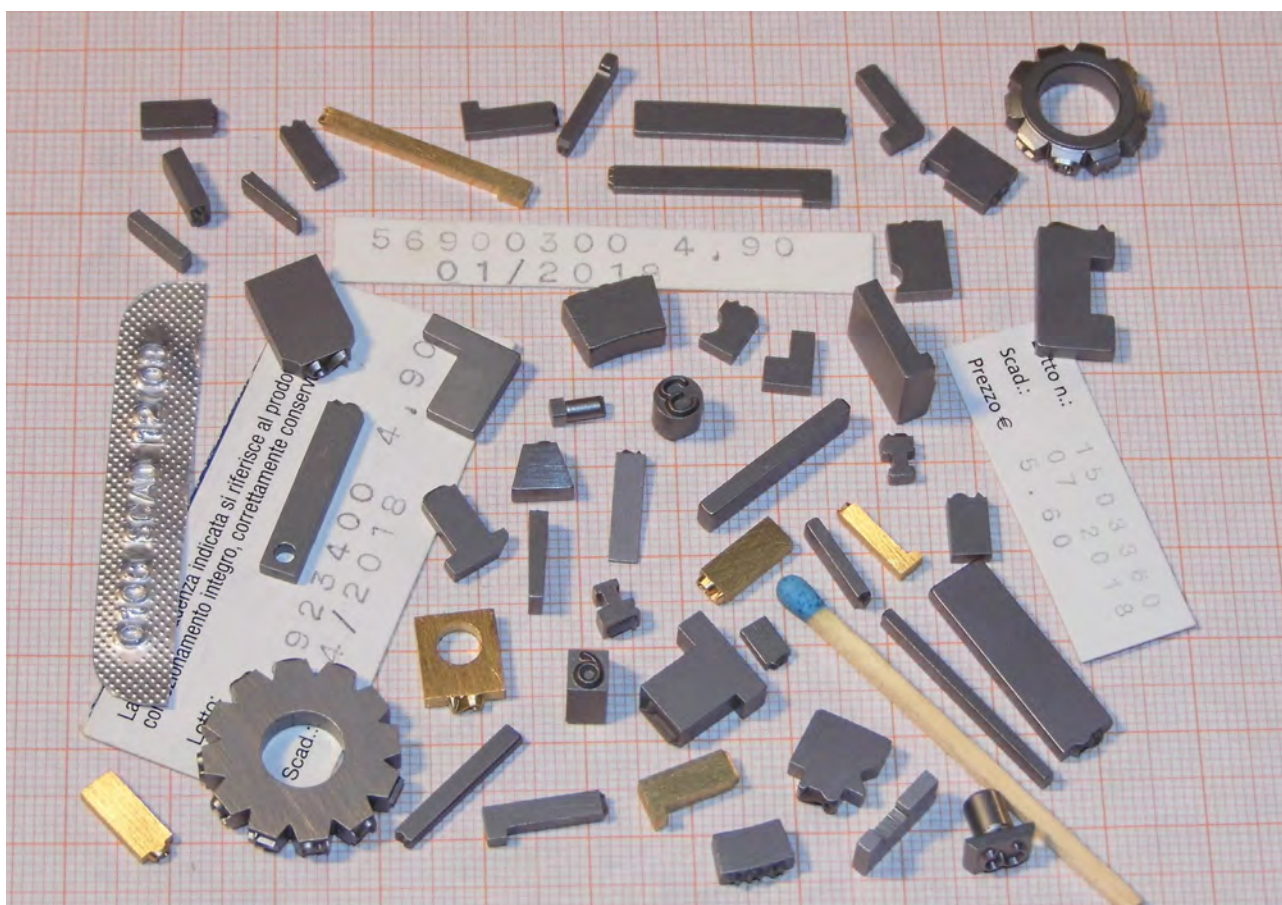


Considering what above mentioned - and in order to represent a bridge between the old and the new way of working - our company has decided to be next to people who still use a product of undisputed validity and reliability such as the steel type. We offer our customers the highest flexibility in the quantities to be ordered on the basis

of the actual need, very often concerning only small re-stocking.

The quality of the products and the compliance with agreed deliveries are our priority.

www.ems99.it





INDUSTRIAL LABELLING MACHINERY MADE IN ITALY



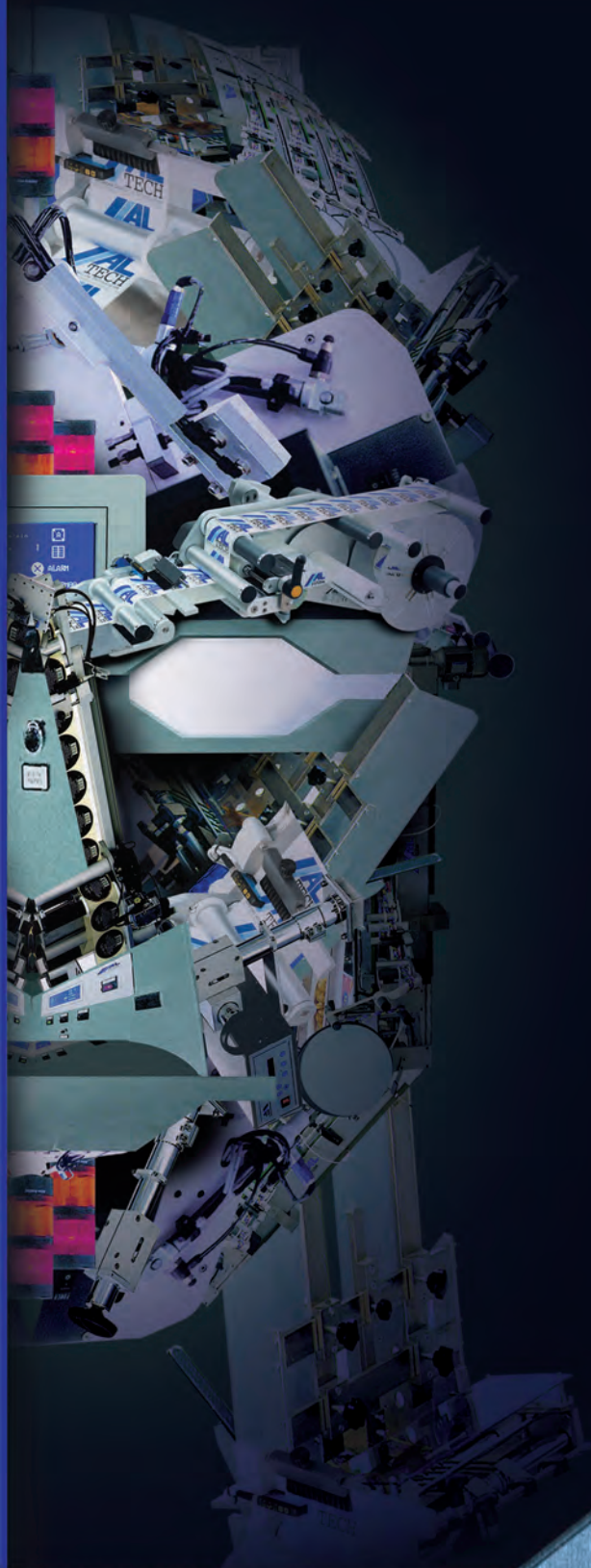
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20010 Bareggio (MI)
Tel. +390290363464
info@altech.it
www.altech.it



interpack

PROCESSING & PACKAGING

Düsseldorf - Germany
4 - 10 May 2023
Hall 08B - Stand 8BC48



ALTECH - ADVANCED LABELLING TECHNOLOGIES



**AL
TECH**
Advanced Labelling Technologies

ALTECH is an Italian company specialised in the design and production of industrial labelling machines and coding and identification systems.

ALTECH offers a range of machines designed to meet a constantly evolving range of labelling requirements, ranging from labelling heads and print-apply label applicators through to complete labelling systems able to be installed in packaging lines.

ALTECH has maintained a presence in the market since 1991, and during its three decades of activity the quality of the company's systems has won over an increasingly large number of customers worldwide.

So much so, that ALTECH is now to all effects recognised as a world leader in the sector, with customers in over 50 different countries, and more than 1500 machines manufactured in 2022

ALTECH will be keeping its traditional appointment in Dusseldorf, exhibiting at Interpack from 4-10 May 2023, where the most representative models in its range, as well as some important new ones, will be on display at **Hall 08B stand 8BC48.**

In particular, the following will be on show:

- The ALstep E, the most compact and economical labelling head on the market.



- The ALritma S, a high-performance labelling head with touchscreen display.
- The ALritma X, an industry 4.0-ready labelling head with exceptional performance.
- ALcode AC05, a real-time print-apply unit with air-blow applicator.
- ALcode AC36, a real-time print-apply unit with full-electric applicator with vacuum belts.
- ALline E/C, for front-back labelling of elliptical products, presented with an adjustable axis drive system and automatic format change logic.
- ALcode Robot, for real-time printing and application of labels to pallets, equipped with a robot arm able to reach different application positions and programmable via learning.
- ALbelt BT52, for top and bottom label application on tubs.



SECTORS

✓ PACKAGING

✓ BEVERAGE

✓ FOOD

For further information

info@altech.it

www.altech.it



INNOVATIONS IN PHARMACEUTICAL PACKAGING: TECHNOLOGY FOR PATIENT SAFETY

From blister packaging to RFID technologies, the pharmaceutical industry is constantly investing in research and development of new packaging solutions to improve the quality of life for patients. This article explores the latest innovations in pharmaceutical packaging that are improving the safety and efficacy of medications.

In recent years, the pharmaceutical industry has made significant strides in the research and development of technologies and innovations in product packaging. This has allowed for the improvement of medication safety, efficacy, and ease of use for patients.

One major breakthrough in pharmaceutical packaging is blister packaging, which offers a secure and effective solution for the distribution of medications, particularly those that require precise dosages. Blister packaging can be made from various materials such as PVC, aluminum, or PET, and can be easily sealed to ensure product freshness and safety. Other innovative technologies in pharmaceutical packaging include single-dose sachets and child-resistant bottle caps. Single-dose sachets provide a convenient and portable alternative to traditional bottles, while child-resistant caps ensure that medications are protected from any accidental incidents at home.

Digital printing and laser coding are also important innovations in pharmaceutical packaging, as they allow for important information such as active ingredients, lot numbers, and expiration dates to be directly printed onto containers, making it easier for patients and healthcare professionals to identify products.





Our Editorial Office

New packaging materials have also been developed to improve the stability of pharmaceutical products. These materials are designed to withstand extreme environmental conditions, such as humidity, light, and temperature, ensuring that medications remain stable and safe for use during transport and storage.

Finally, the use of Radio Frequency Identification (RFID) technology is becoming increasingly widespread in pharmaceutical packaging. This technology allows for real-time tracking of products during distribution and storage, ensuring that medications reach patients in the safest and most timely manner possible.

Overall, it is evident that research and development of technologies and innovations in packaging are essential in ensuring the safety and efficacy of pharmaceutical products.

These innovations allow the industry to provide high-quality solutions that improve the health and well-being of patients, making the future of the pharmaceutical sector increasingly promising.



SECTORS

 PHARMACEUTICAL

latest news



APPETIZINGLY PACKAGED SNACKS



With its F 286 thermoforming packaging machine, MULTIVAC is launching a new model, which is particularly suitable for producing vacuum and MAP packs for snack products. The main features of the new machine are its high level of flexibility, efficiency and pack quality, as well as its excellent price-performance ratio, and the machine is available for ordering with immediate effect.

The new F 286 thermoforming packaging machine has been developed by MULTIVAC in response to the current demand in the market for snack packs, such as those for dried or roasted duck portions, beef jerky, small sausages or tofu, and these packs enjoy great popularity particularly in Asia.

Packs made from plastic films or aluminium can be produced.

Aluminium packs are generally preferred in Asia for these snack products, since they offer a long shelf life due to their protection against UV light.

“Due to the worldwide demand for healthy snacks, we are also expecting great interest in this model from other regions. The F 286 is aimed particularly at smaller and medium-sized businesses, which want to get into thermoforming packaging for the first time, or al-



ternatively to pack smaller batch sizes more flexibly,” explains Dominik Eberhard, Team Leader for Product Management (Thermoforming packaging machines) at MULTIVAC. “The machine is also designed for processors, who package their products today in film pouches on rotating filling and sealing machines. By moving to thermoformed packs, they can avoid high pouch costs, as well as increasing their personnel efficiency.”

SECTORS

 **FOOD**

The F 286 was designed to produce thermoformed packs with a forming depth of up to 20 mm. With the optional upper web forming of 10 mm, it is possible to replace existing, symmetrically produced pouch packs.

Thanks to its loading area of up to 3,000 mm, which can be extended flexibly, it is possible to achieve high pack outputs, even though the machine can also be accommodated in confined working environments.

The unloading area can be extended to fit printing solutions or other equipment components, so that even an inkjet printer or additional cutting unit can be integrated into the machine.

The F 286 achieves a high output with up to 240 packs per minute. Very high and uniform sealing forces, combined with a high-performance forming station, ensure that excellent pack results are achieved even with aluminium packs.

The machine is constructed in the MULTIVAC Hygienic Design, and it offers easy access for cleaning and maintenance. Various equipment options enable the machine to be designed to the customer's individual requirements as regards output capability and the required printing or labelling process.



“All in all, we see the F 286 as a very efficient extension to our product range. It is an ideal solution for smaller and medium-sized businesses, particularly in those areas where pouches and small aluminium packs are being used today,” says Dominik Eberhard in summary. “Aluminium is also an outstanding material when it comes to shelf life, enabling food waste through spoilage to be reduced significantly.”

www.multivac.com

About MULTIVAC

MULTIVAC is one of the leading providers worldwide of packaging solutions for food products of all types, life science, and healthcare products, as well as industrial items. The MULTIVAC portfolio covers virtually all requirements of processors and producers in terms of pack design, output, and resource efficiency. It comprises a wide range of packaging technologies, as well as automation solutions, labellers, and quality control systems. The product range is rounded off with solutions upstream of the packaging process in the areas of portioning and processing, as well as bakery technology. Thanks to our extensive expertise in packaging lines, all modules can be integrated into complete solutions. This means that MULTIVAC solutions guarantee a high level of operational and process reliability, as well as efficiency. The MULTIVAC Group has approximately 6,700 employees worldwide, with some 2,300 based at its headquarters in Wolfertschwenden. With over 85 subsidiaries, the Group is represented on all continents. More than 1,000 sales advisors and service technicians throughout the world use their know-how and experience to the benefit of customers, and they ensure all installed MULTIVAC machines are utilised to their maximum. Further information can be found at: www.multivac.com

Working together...



**...to the end of packaging as
an environmental issue.**





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PROCESSING & PACKAGING

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NEWS: JUST IN TIME SERVICE

For some of our products we offer a “Just in time” service keeping the items in stock for both small and large quantities.

Depending on customer request there is the possibility of purchasing starting from a box up to the quantity required and available, considering that the quantity of each box changes depending on the item.

If the quantity required is larger than our stock, delivery times for the new production would still be approximately 3 weeks from the order.

The products included in the Just in time service are: the Kristal and Cosmea Pet Series in neutral and white PET color, the Aurora 100 ml, Cremona 100 ml, Maleo 100 ml and 80 ml bottles in neutral HDPE. For any information you can contact our customer service.

Piccoli Plast is a plastic bottle company that has been operating for more than 25 years in the packaging industry for the manufacturing of blow-moulded containers and technical articles.

Our production is diversified. It is able to meet all the demands of various sectors such as food, cosmetics, pharmaceutical, chemical / cleaning and coating. In addition to being a successful plastic bottle manufacturer, Piccoli Plast is a leading company in the production of camicie/in-liners in PELD used for standard and open head drums and ISO-Container drums from 10 to 217 litres.

We produce containers from 5 ml to 200 lt., in standard or custom colours and, on request, we offer a decoration service with very short production times. Piccoli Plast, a plastic bottle company with a great story behind, is the right answer if you are looking for punctuality, flexibility, dynamism, and attention to the environment.

Visit the different sections of our website to find the solution that best suits your needs and desires!

www.piccoliplast.com





SECTORS

✓ FARMACEUTICO

✓ COSMETIC



NOT JUST GOOD. SMI SOLUTIONS FOR THE FINI GROUP

In Modena, Italy, food has a tale to tell!



When speaking about food it is impossible not to become enthralled by the history of the **Fini Group**, an important industrial reality in the food sector, whose products represent the best of Italian passion and gastronomic tradition. A tradition that began in 1912 and is still in constant evolution, guided by a very simple company mission, represented in three words: **Not Just Good**. Because when it comes to food, good is not enough. For the secondary packaging of their own brand “**Le Conserve della Nonna**”, the Modena based company chose the **SMI** shrink wrapper from the **CSK ERGON** series, suitable for packaging a huge variety of bottles and glass jars in film only, pad + film and tray + film

Not Just Good – The tradition of homemade food

FINI is the brand of fresh filled pasta, which represents all the flavours of the Emilian tradition in the kitchen, in Italy and around the world.

The Fini brand originated from the knowledge and flavours of an ancient gastronomic tradition, but which is constantly renewed.

Only in this way, every day, can we eat something that is not only good, but which also has a story to tell.

The **Fini Group**, also plays an important role in the canned sector, thanks to the “**Le Conserve della Nonna**” brand,

an Italian company that believes in the simplicity of products and uses natural processes.

In the wide range of references, typical of all Italian regions, the company offers sauces, condiments and jams, prepared according to traditional methods using carefully controlled and organized, industrial processes to ensure the highest quality of products.

The Feeling of ... home! The secret of so much goodness.

The industrial process at the origin of the production of foods from the brand “**Le Conserve della Nonna**” is organized mainly according to the values of the local culinary tradition, the simplicity of the recipes and the indisputable quality of the freshly harvested, raw materials.

The company's production is in fact, based on the concept of seasonality, as is the case for any artisan preparation. Just by looking at the finished product, be it a jar of jam or a bottle of tomato sauce, you get the feeling of... home! An irresistible appeal of healthy and simple lunches, the result of great attention and dedication, and the desire to eat in company, like our grandmothers wanted, because the more people sat at the table, the more happiness hovered in the air.

Fini's commitment to the environment

For years, the Fini Group has pursued the objective of envi-



ronmental sustainability of its activities through the aegis of its corporate mission, “Not Just Good”, which focuses on food and its goodness, as a result of a safe and controlled production process.

The entire supply chain is involved in the “mission”, from the careful selection of local raw materials, to the production and use of widely recyclable packaging, without forgetting the use of clean energy thanks to the photovoltaic systems installed in the company, which make it possible to drastically reduce CO2 emissions and optimise production.

SMI has also embraced the goal of sustainability, designing packaging systems such as the **CSK ERGON series** packaging machine installed in the Fini Group’s Moden-

ese plant, which boasts cutting-edge technical solutions in the field of energy saving and respect for the environment.

Le Conserve della Nonna

The secret of all the products lies in the genuineness of the raw materials, which are selected and worked through transformation processes that reflect traditional methods, to offer a product “like home-made”, which speaks of nature and flavours of the past.

“Le Conserve della Nonna” is the first Italian company to make preserves in transparent glass jars, just as they did in the past, to keep their characteristics unaltered, guaranteeing the correct conservation and external visibility.



SECTORS

 PACKAGING

 BEVERAGE

 FOOD

SMI solutions for “Le Conserve della Nonna”

To optimise the secondary packaging process of the huge variety of “Le Conserve della Nonna” brand products, the Fini Group turned to SMI for the installation of an automatic shrinkwrapper from the CSK ERGON series, which stands out for its advanced automation and flexibility of use, low energy consumption and respect for the environment.

The CSK 50T ERGON packaging machine, installed at the Ravarino plant, packs different types of bottles and glass jars in multiple pack formats in film only, pad + film and tray + film. The range of models of the CSK series of SMI shrinkwrappers includes single and twin lane models, with a compact and ergonomic design, which contain the best of the industry technology for packaging in shrink film at the maximum speed of 50 + 50 packs / minute (depending on the size of the container and the pack format).

CSK 50T ERGON SHRINKWRAPPER

Main advantages:

- very flexible production and packaging process, which allows you to quickly and easily switch from one format to another to maintain high levels of plant operating efficiency
- packaging machine equipped with a motorised system of oscillating guides at the machine infeed, which facilitates the correct channeling of loose containers on a conveyor belt equipped with chains in thermoplastic with a low coefficient of friction
- grouping of bulk containers in the desired format carried out continuously by means of electronically synchronized separation pegs and bars
- pad cardboard magazine placed under the infeed belt, from where the cardboard blanks are picked up, by means of an alternating motion picker, positioned at the start of the cardboard ramp, consisting of a group of suction cups with vacuum suction system
- curvilinear cardboard ramp in the initial and final section, to facilitate the insertion of the pad under the grouping of products at the outfeed of the electronic separator
- compact design film cutting unit, where the blade is managed by a “direct-drive” brushless motor which makes the cutting operation more precise and simplifies maintenance
- new ICOS motors, equipped with integrated digital servo-drive (driver), able to simplify the wiring of the machine and ensure greater energy efficiency, less noise and reduced wear of components;
- shrink tunnel equipped with optional metal chain and lubrication able to ensure better splicing of the film under the pack
- optional automatic format change adjustment system
- the machine is also equipped with a series of optional devices to ensure the high quality of the final pack, such as the product stabiliser and the additional 1150 mm belt, placed at the outfeed of the tunnel for rapid pack cooling.

www.smigroup.it



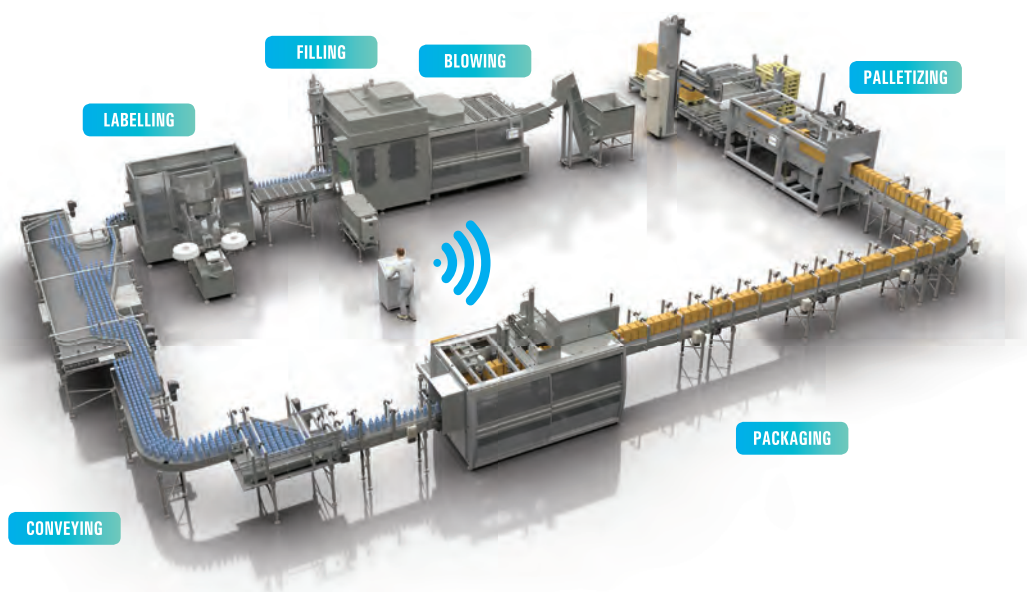
DESIGN WITH US YOUR CIRCULAR PACKAGING



IMPROVING YOUR PRODUCTION
EFFICIENCY AND REDUCING
YOUR CARBON FOOTPRINT
IS EASY WITH SMI!

Our bottling and packaging
systems benefit from Industry
4.0 and IoT technologies, can
process recyclable materials
such as rPET and allows for
considerable energy savings.

Find out our solutions for
packing a wide range of
containers up to 36,800
bottles/hour.



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SCANNY3D: GEOMETRIC DEFORMATION CONTROL ON GLASS BOTTLES

Scanny3D has designed and developed a double laser spot rotating 3D scanner. It is a patented device, 100% “Made in Italy” that performs a 360 ° scan without contact, at high speed, at very high resolution and in a completely automatic way.

The 3D scanner allows you to digitize and analyze bottles, plastic bottles, containers of any material and shape and various accessories.

The device returns a high fidelity 3D model and the supplied software offers numerous functions designed specifically for the beverage, packaging and bottling sector, among which the possibility of exporting the 3D model as a “solid”, thus ensuring maximum compatibility with the main CAD-CAM software.

The scanner management software contains many features, including: section analysis and measurement; assessment of the centers of gravity; automatic alignment; symmetry calculation; quality check; evaluation of inclination and stability etc.

One of these functions, for example, allows you to obtain and analyze all the sections of the bottle, easily carry out all measurements, evaluate the centroids of the sections, align the 3D model based on the center of gravity or the symmetry of a section and more.

Among these numerous features, one is of particular importance for quality control on bottles.

This function allows you to geometrically and numerically evaluate the deformations of a bottle with respect to the “theoretical” model or with respect to a reference bottle.

With this function, the software automatically calculates and displays the ovality of a section of the bottle, the accuracy of the bottleneck screw, the symmetry of the neck, the inclination (slope) of the bottle with respect to the plane, any deformations in the lateral surface of the bottle. , and much more.



SECTORS



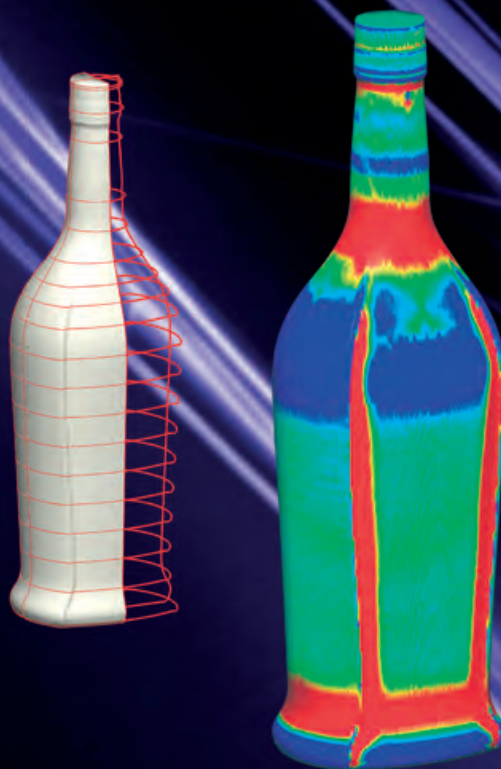
AUTOMATION



FOOD AND NON-FOOD

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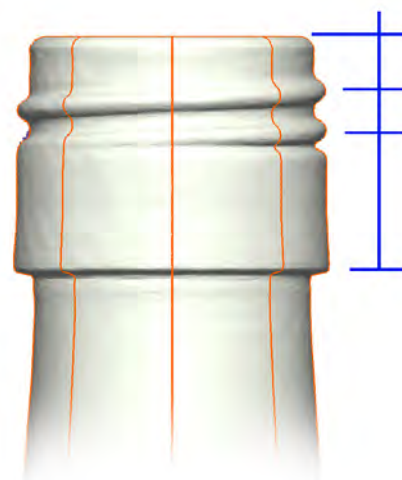
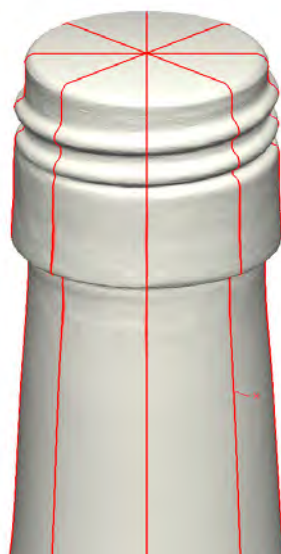
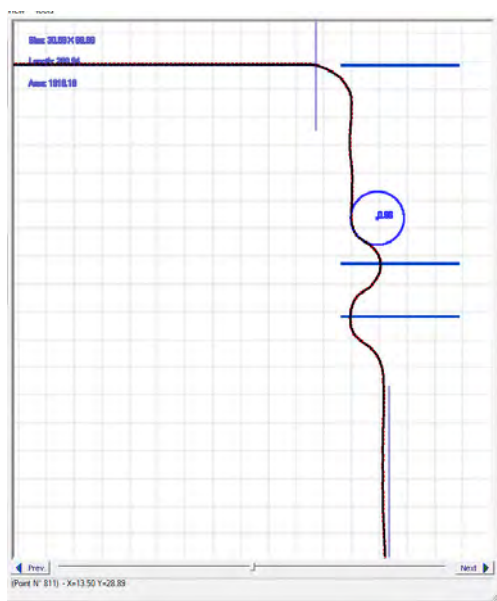
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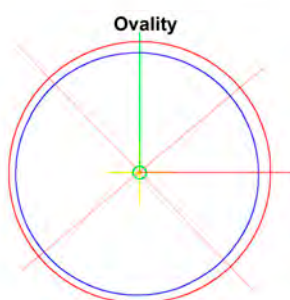
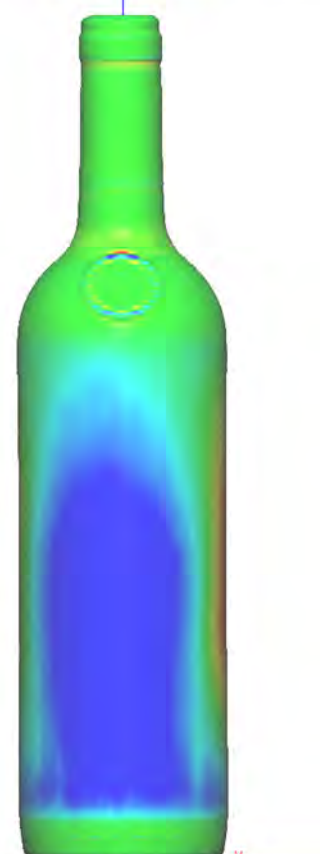
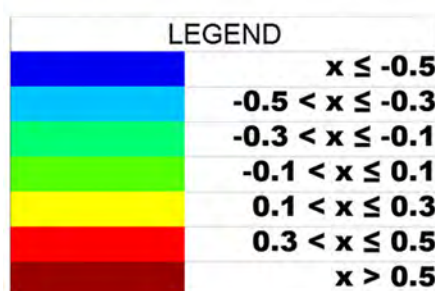
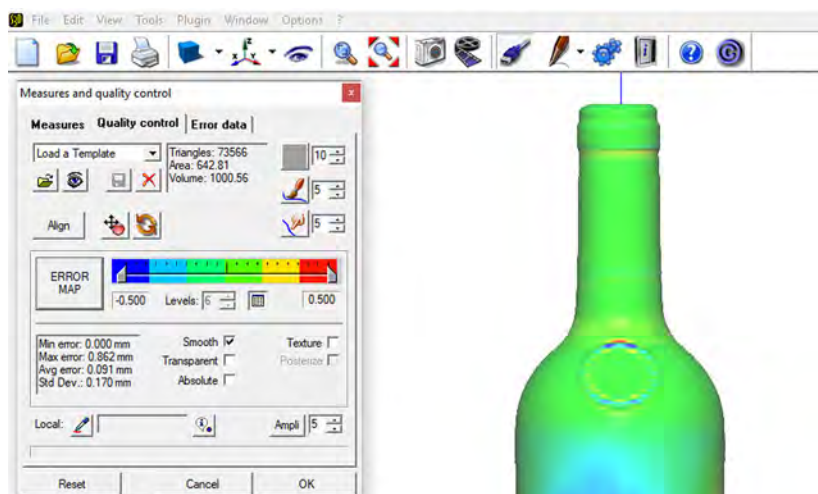


The automatic screw control of the bottleneck, among other things, is very important to ensure a perfect closure of the cap.

These geometric evaluations are carried out automatically by the software, which generates both a graphical and numerical report, and it is possible to export the results in various formats (eg Excel) for statistical purposes.

The constant mission of the R&D department is to design systems that are increasingly accurate, reliable but at the same time easy to use for the end customer, thanks to the use of cutting-edge technologies.

www.scanny3d.com



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UNIVERSAL PACK: NOT JUST SUPPLIERS OF PACKAGING LINES, BUT ALSO PARTNERS.

FLEXIBILITY AND INNOVATION IN PACKAGING LINES AND SERVICES

Universal Pack is an Italian company specialized in packaging for food and pharmaceutical products. Thanks to advanced technologies and collaborations with important industry partners, the company can provide personalized and innovative solutions. It is also strongly committed to environmental sustainability and the highest quality and safety of its products, particularly in the pharmaceutical line. We wanted to learn more about the types of packaging lines and markets served by this historical industrial reality in Romagna by interviewing Alex Leardini, the company's Marketing Executive.

Let's start with the concepts of flexibility and versatility, which are some of the strengths of your know-how.

At Universal Pack, we are aware of the different needs of our customers, who require specific and customized products. For this reason, we have invested in advanced



Alex Leardini

Marketing Executive

technologies that allow us to provide a wide range of packaging solutions. We are also able to work with different types of materials and easily adapt to different production needs.

How important has this flexibility been in your business, and how important is it for your customers today in creating your lines? Can you give us an example?

A very relevant example is our SYNTHESIS ALFA Flexi, a stick-pack packaging line designed for maximum flexibil-





ity and not just high performance. It is a compact and flexible line with a modular format change, particularly suitable for small production batches or for third-party manufacturers, allowing for a rapid format change that is particularly functional for those who, for example, need to switch from packing liquids to powders during a production batch.

We know that environmental sustainability is an important issue for many companies in the packaging industry. Universal Pack has already started using recyclable or recycled films. What are the company's next objectives in this field? Sustainability is one of our fundamental values, and we are working to reduce the environmental impact of our activities. O

ur goal is to increasingly use ecological materials and reduce waste production. Currently, 70% of our machines use recyclable or recycled films.

However, we are working to increase this percentage and develop new solutions that are even more sustainable.

Universal Pack has an internal laboratory and collaborates with important partners in the food industry. What are the main research and development activities of the company, and how do they translate into innovative solutions for its customers?

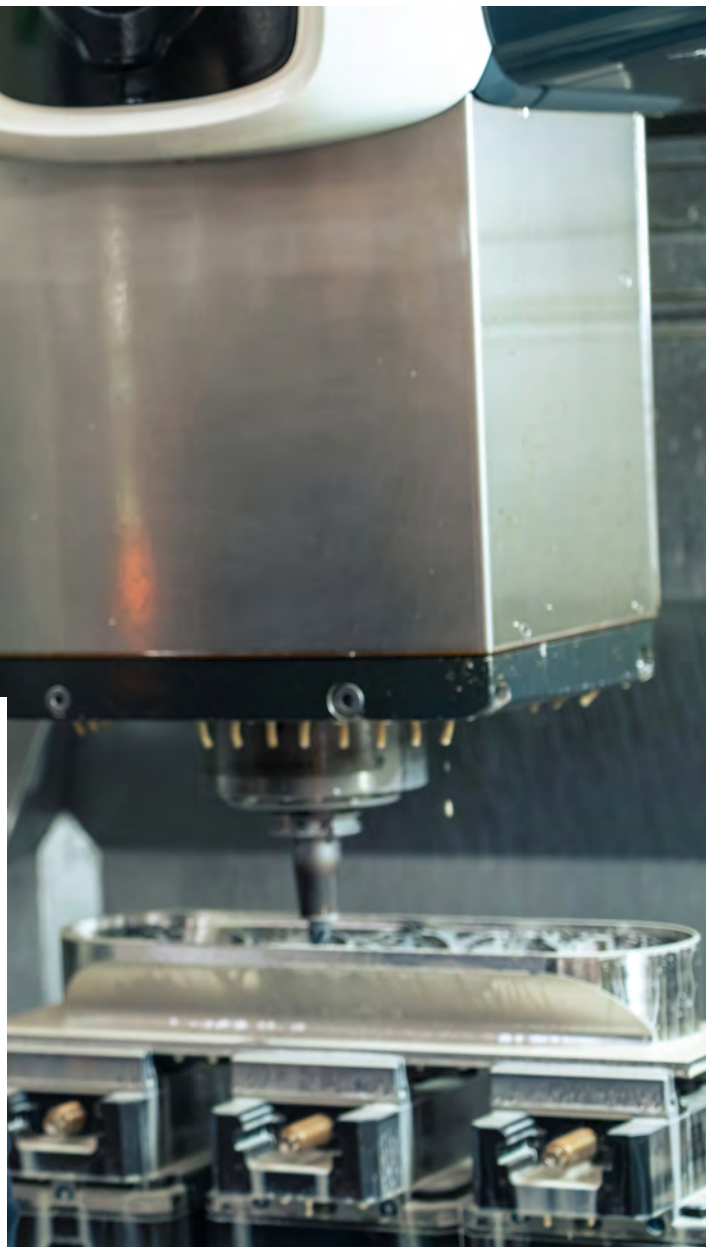
Research and development are fundamental elements of our work. Our internal lab allows us to test new materials and develop new packaging solutions. In addition, we collaborate with important partners in the food industry, such as Unilever and Nestlé, to develop innovative products using our internal laboratory for analysis and studies. One of our goals is to offer increasingly sustainable packaging solutions that guarantee maximum quality and safety for consumers.

SECTORS

✓ PACKAGING

✓ PHARMACEUTICAL

✓ FOOD



four chats with...





The quality of products and consumer safety are top priorities for Universal Pack, particularly in the pharmaceutical line.

How do the product traceability and serialization systems work, and how does the company ensure that each batch meets the required standards?

Consumer safety is one of our top priorities, especially in the pharmaceutical line.

To ensure the highest quality of our products, we use advanced traceability and serialization systems.

What consulting services do you offer your customers to help them test their products, particularly with regard to packaging materials or how the product reacts when packaged?

Our customer consulting service mainly focuses on evaluating the performance of films, particularly their elasticity and how the products behave when packaged.

We use specific testing techniques, for example, to assess the laminated film's ability to withstand deformation and return to its original shape after stress.

Based on the test results, we provide our customers with advice on how to improve the quality of their product packaging or how to select the right type of film for their specific needs.

Our goal is to provide our customers with personalized and high-quality solutions, not only as suppliers but also as reliable partners in their business.

www.universalpack.it





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ZACMI NORTH AMERICA INC.

GLOBAL CUSTOMER BASE DEMANDS GLOBAL SUPPORT

In modern industrial operations, it is rare to find a company that has earned a reputation based solely on the quality of the products or machines it manufactures. These days, an equally important element of any company's market standing is the level and quality of pre- and post-sales support it can offer.

Much like consumers who have experienced easy and pleasant purchase-and-support experiences from high street stores or online retailers, industrial end users are looking for suppliers who can act as full-solution providers, as opposed to just hardware vendors.

In the food and beverage industry, this heightened level of service is essential, as many companies work using agile and lean principles in order to generate the best possible yield and efficiency. As a result, extended downtime is not acceptable, which means that these end users depend on their machine suppliers to help maintain maximum uptime.

In a local context, the delivery of in-person support is relatively straightforward, the same is true on a national scale, albeit a little slower for on-site visits, but delivering this level of support internationally becomes more difficult and sometimes attracts longer lead times. It is for this reason that many companies are investing in an international support network.

One such company is Parma, Italy-based Zacmi, a designer, fabricator and installer of tailor-made filling, seaming and processing lines for the international food and beverage industry. The company supplies high-end equipment to leading multinational companies in many countries and, as such, has grown a rapid-reaction support network to make sure it can operate as quickly as possible and as locally as possible to its installed machine base.

An example would be its commitment to the Americas, where it has two permanent technicians in the USA and another in Mexico, all of which are supported by a comprehensive centrally located spares facility in Indiana.

Zacmi offers support in nine other core markets too, comprising either technician access or remote interactions; and the global team is backed by Zacmi's own support team in Parma, which comprises five engineers and 10 technicians who can travel to where local on-site support is not available or additional support





SECTORS

✓ AUTOMATION

✓ FOOD

✓ BEVERAGE



is required. In addition to technical assistance, the support team can also help with installation, training spares and upgrades.

Thanks to advanced automation hardware and on-machine digitalisation, Zacmi is also able to offer its class-leading Remote Access Service (RAS) programme. Using a secure communication network, engineers from Zacmi can connect to machines – anywhere in the world – to deliver a range of value-added services, including: monitoring and troubleshooting; start-up & process streamlining; uptime optimisation; and software patching, updating & enhancement.

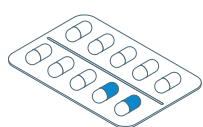
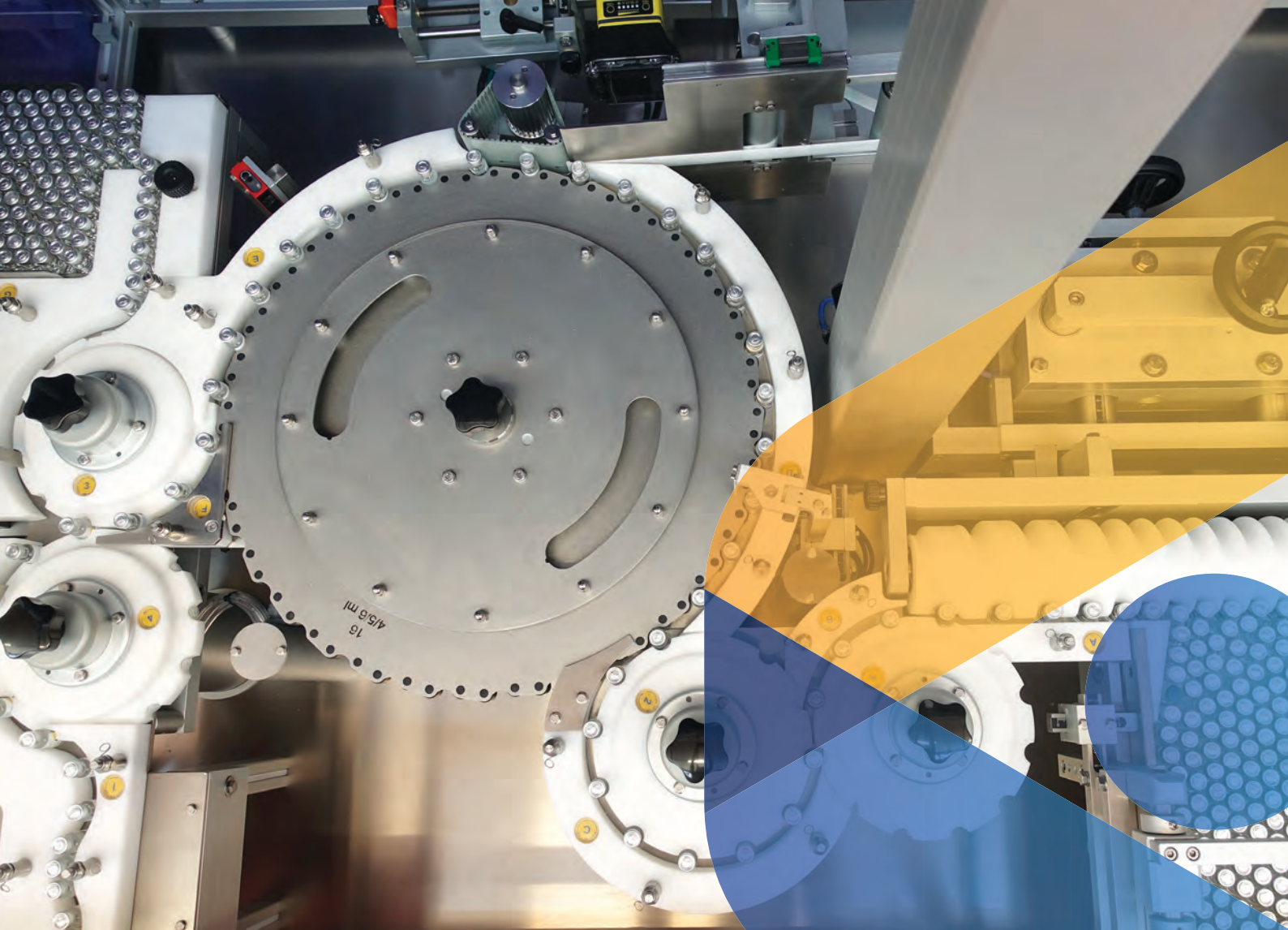
The programme also offers Augmented Reality (AR) capabilities – using an app – for connection via smartphone,

tablet and even smart glasses. Using this service, end users can interact virtually with Zacmi's support team in real time or via photo and video messages. Live training sessions can also be undertaken to help increase Overall Equipment Effectiveness (OEE).

"Any company with a global footprint, such as ours, has to offer a comprehensive support infrastructure," explains Martino Chiefari, USA After-Sales Manager, at Zacmi. "We have to deliver peace of mind as well as class-leading technology and help ensure that our customers are operating as efficiently as possible. One of our key selling points is OEE, so we must fulfil this promise with dependable support, no matter where the customer is located."

www.zacmi.com/en/after-sales/





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PRECISION LABELING ON CYLINDRICAL JARS AND BOTTLES: AN ETIPACK PROJECT TAILORED FOR THE COSMETICS INDUSTRY

Perfection in application is a must for consumer products: products targeted for the shelves need to be eye-catching to drive purchase. The client, a subcontractor specializing in the cosmetics industry and manufacturing for large multinational companies, was looking for a solution to apply labels with high-accuracy and without flaws such as air bubbles or ripples. In addition to accuracy, a second requirement was to align the labels precisely at a defined place on jars or cylindrical bottles.

The solution: System 1 Turning for wrap-around labelling with orientation and cap reading

To achieve the goal, Etipack developed a custom system to apply a wrap-around label oriented with respect to the cap or other reference such as a brand or mark.

To perform proper application, the system features a three-roller device that rotates the product and, through the integration of a custom vision system, applies the label while orienting it to the cap at the same time.

Customization and solution details to meet specific requirements

One of the special features of the machine is a special vision system with circular illuminator which is specifically designed to read the position of the cap or a defined point on each cylindrical product.

Its purpose is to perfectly position the pressure-sensitive label so that it is oriented according to the jar cap.

To enable product rotation during labeling, the machine is equipped with a 3-roller opposed system: a large-diameter motorized roller and two opposed rollers connected to a pneumatic cylinder that capture the product and perform

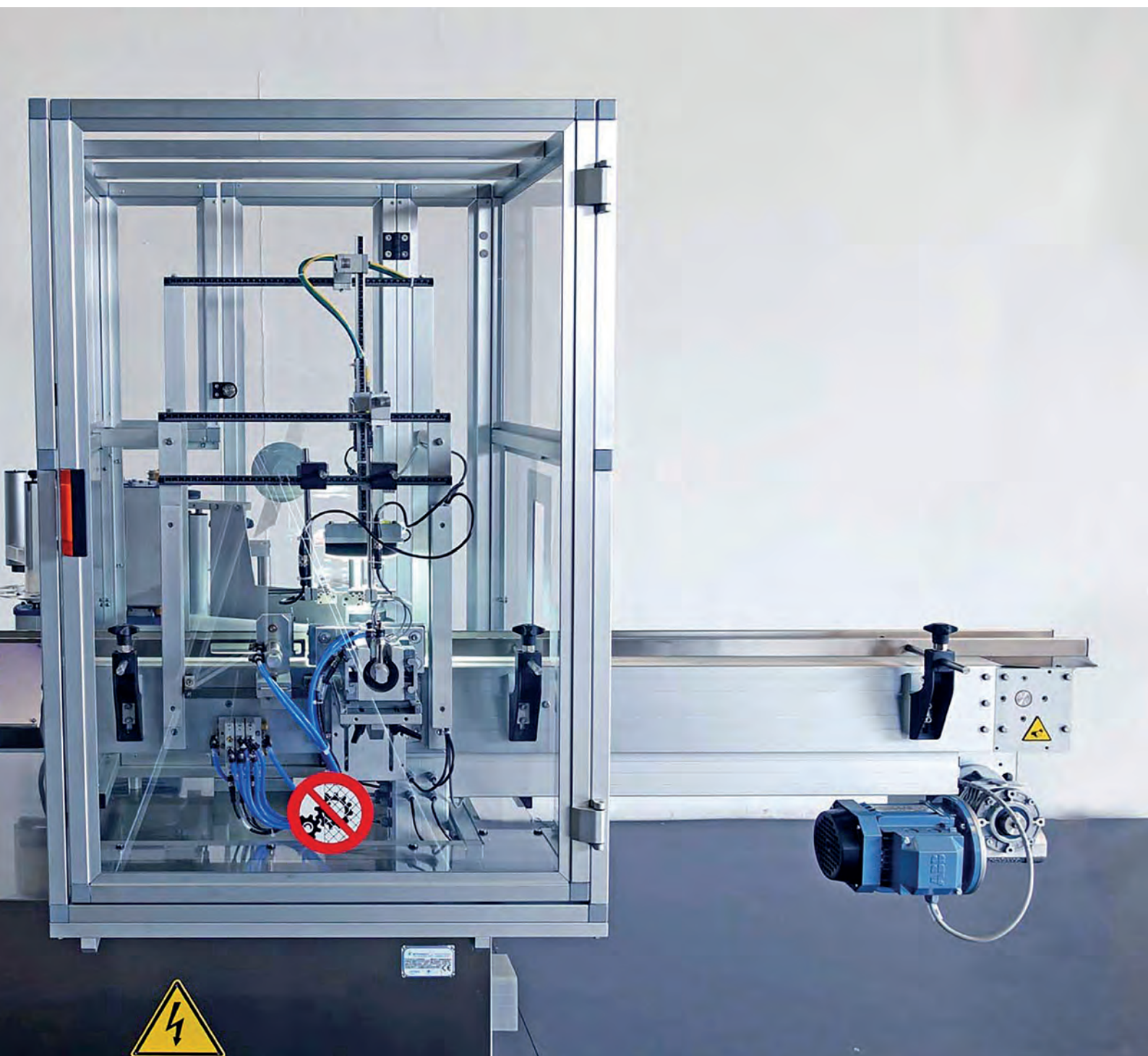
SECTORS

✓ LABELING

✓ CODING

✓ COSMETICS





rotation. An escapement system ensures the flow of products to be properly managed allowing the passage of the product to be labeled and holding the next ones in the queue for as long as it takes to perform both rotation and wrap-around application.

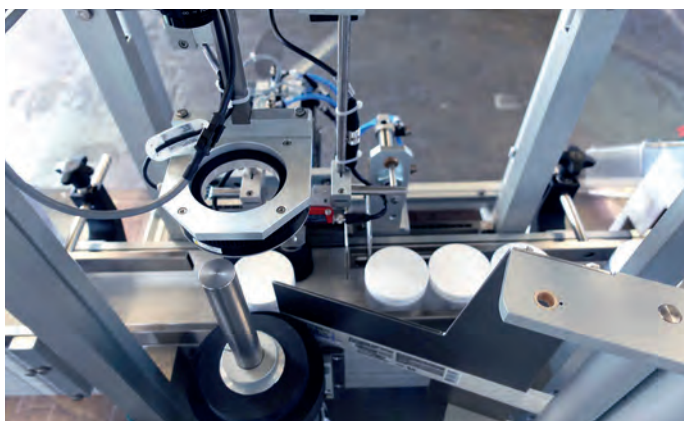
Product labelling is provided by an Energy 200 labelling machine. Equipped with retrofitted stepper motorization, it can reach a dispensing speed of up to 50 m/min. It features a capacitive sensor inside the reel to detect the ending of the backing paper.

Results: precise and perfect wrap-around application for products in 3 sizes

The system allows the customer to manage wrap-around labeling of 3 product formats with utmost flexibility and accuracy, solving processing problems that are common with cylindrical products such as defects like air bubbles and label orientation. Products can be labeled at speeds of 45 pieces per minute in case of non-oriented products, and 25 pieces per minute in case of oriented products.

Etipack offers a wide range of solutions to meet the multiple needs of the cosmetics industry. Discover more etipack.it/en/settore/cosmetico/

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FOOD LABELING BETWEEN REGULATIONS AND TECHNOLOGICAL INNOVATIONS

Food labeling is of fundamental importance to ensure the safety and transparency of products. Companies are using technologies such as blockchain, AI, QR codes, and sensors to improve product traceability and quality.



by Walter Konrad

Food labeling has become a central issue in contemporary society. The quality of food and food safety are distinctive elements of European culture.

Food labeling allows consumers to have clear and transparent information about the products they purchase, as well as ensuring compliance with current regulations. In this article, we will examine the main rules governing food labeling and the technological innovations available to companies to improve production and control processes.

The regulatory framework

The regulations on food labeling are based on Regulation (EU) No. 1169/2011 of the European Parliament and of the Council, known as FIC (Food Information to Consumers). This regulation establishes the mandatory information to be included on the label, such as the product name, list of ingredients, expiration date, storage conditions, allergen indication, and nutrition table. The health ministries of the various countries are the entities responsible for controlling and monitoring compliance with regulations on food labeling, including the prohibition of unfair and misleading commercial practices.

Technological innovations in the food industry

Food companies are using new technologies to improve product traceability and ensure compliance with current regulations. Among these, we find:



image: unsplash.com



- 1 - Blockchain: This technology allows for the creation of a secure and unalterable digital record of transactions along the production chain. In this way, companies can guarantee the origin and quality of the ingredients used, offering consumers greater transparency.
- 2 - Artificial intelligence (AI) and machine learning: The use of advanced algorithms and automatic learning systems allows for real-time analysis and monitoring of product quality, and the detection of any anomalies or irregularities in the labels.
- 3 - Smart labels and QR codes: The adoption of interactive labels and QR codes allows consumers to access detailed information about the product and its production chain simply by using a smartphone. These solutions offer a more complete and personalized experience for the customer, who can make more informed purchasing decisions.
- 4 - Internet of Things (IoT) and sensors: The use of connected devices and advanced sensors along the production chain allows for the collection and real-time monitoring of data, improving resource management and reducing waste. For example, sensors can be used to monitor temperature during the transport and storage of products, thus ensuring the safety and quality of food.
- 5 - 3D printers for labels: 3D printing allows for custom labels for each product, with greater flexibility and a lower incidence of errors. This technology can be particularly useful for companies that produce food in



SECTORS

 **PACKAGING**

image: pexels.com



small batches or with specific characteristics, such as organic or gluten-free products.

- 6 - Digital platforms and management software: The use of digital platforms and specific software for label management simplifies and speeds up the process of creating and revising labels. These tools can help companies comply with current regulations and prevent any penalties for non-compliant labels.

In conclusion, food labeling is a topic of great relevance, both from a regulatory and technological point of view. Companies in the industry must comply with the provisions in force, providing clear and complete information to consumers. At the same time, the adoption of innovative technological solutions can contribute to improving the quality, safety, and traceability of food products, as well as ensuring transparency and customer trust.



images: pexels.com





A TRADITIONAL COMPANY WITH A PIONEERING ROLE: BERGLANDMILCH SWITCHES TO SELF-SEPARATING K3® R100 CUPS FROM GREINER PACKAGING

The Austrian company Berglandmilch focuses on sustainability: It is the first company in Austria to use K3® cups where the cardboard wrap separates itself from the plastic cup during the waste collection process, without the need for human intervention. This step not only makes Berglandmilch a pioneer in Austria but is also a call to policymakers, dual systems, and the recycling industry.

There are many ways to pack yogurt and co. In this sense, cardboard-plastic combinations are an attractive and particularly sustainable type of packaging. They consist of a thin-walled plastic cup surrounded by a cardboard wrap. The packaging solution is characterized by a low plastic content and reduced CO2 emissions. If cardboard and plastic are separated from each other and disposed of correctly, it is also optimally recyclable; the thin-walled white or transparent plastic cup additionally, makes excellent recycling material.

K3® r100 innovation for optimal recycling

If consumers do not separate the cardboard wrap from the plastic cup but dispose of the entire packaging via light fraction (yellow bag/yellow bin), the latest K3® innovation by Greiner Packaging can help. With K3® r100, the cardboard wrap separates itself from the plastic cup during the waste collection process.

In its efforts to offer consumers sustainable packaging, Berglandmilch is now the first company in Austria to use the self-separating cardboard-plastic cup. In the future, all 500g yogurt cups of the Schäringer, Tirol Milch, and Stainzer brands will be offered in K3® r100 cups.

“We have already taken many innovative steps in terms of cardboard-plastic combinations with Greiner Packaging – for example, with the change to a new, for consumers particularly innovative, tear-off mechanism of the cardboard wrap. When we heard about the self-separating cardboard-plastic cup, we were immediately hooked.

- **Berglandmilch is now using self-separating cardboard-plastic combinations for its 500g yogurt cups.**
- **The cups are used for all flavors of the Schäringer, Tirol Milch, and Stainzer brands.**
- **The packaging guarantees optimal recyclability and is considered a particularly sustainable packaging solution for the future.**
- **The declared aim of the changeover is to take on a pioneering role and express the need for a realignment of sorting streams.**

This makes us an absolute pioneer in the Austrian market,” says Josef Braunhofer, Managing Director of Berglandmilch.

Innovation with symbolic character

By switching to the innovative packaging solution, Greiner Packaging and Berglandmilch are not only bringing an innovative and sustainable packaging onto the Austrian market. They also want to set an example. Both companies are in intensive and regular exchange with political actors as well as the dual system – the goal: paper and cardboard that end up in the recycling stream of light packaging should be sorted and consequently, recycled



in the future. While that happens in other countries, such as Germany, this is currently not possible in Austria.

“If paper and cardboard are thrown into the yellow bag/bin, without the cardboard being separated from the plastic cup, they are sorted out with other interfering materials in the sorting plant and are then thermally recycled. As a result, you lose an important part of the recyclables,” says Jörg Sabo, Global Director Marketing & Innovation at Greiner Packaging.

With the K3® r100, the possibility arises to significantly increase the recycling rates of cardboard-plastic combinations, regardless of whether consumers separate the cardboard wrap from the plastic cup or not.

To be precise, with K3® r100 recyclability of up to 98 % can be achieved. This potential could be exploited in the future by realignment of sorting streams in Austria, which Berglandmilch and Greiner Packaging are striving for.

Greiner Packaging: a strong partner when it comes to K3®

By using the K3® r100, Berglandmilch relies on the innovation leader in the field of cardboard-plastic combinations. Developed by Greiner Packaging 40 years ago, the company has continuously improved cardboard-plastic combinations since 1982 and adapted them to different market and consumer requirements. Greiner Packaging is currently celebrating its 40th anniversary with K3® – the original since 1982.

Greiner Packaging is a leading European manufacturer of plastic packaging in the food and non-food sectors.

The company has enjoyed a reputation for outstanding solutions expertise in the fields of development, design, production, and decoration for over 60 years.

Greiner Packaging responds to the challenges of the market with two business units: Packaging and Assistec. While the Packaging unit focuses on innovative packaging solutions, the Assistec unit is dedicated to producing custom-made technical parts.

Greiner Packaging employs a workforce of more than 4,900 at more than 30 locations in 19 countries around the world. In 2021, the company generated annual sales revenues of EUR 772 million (including joint ventures), which represents almost 35% of Greiner's total sales.

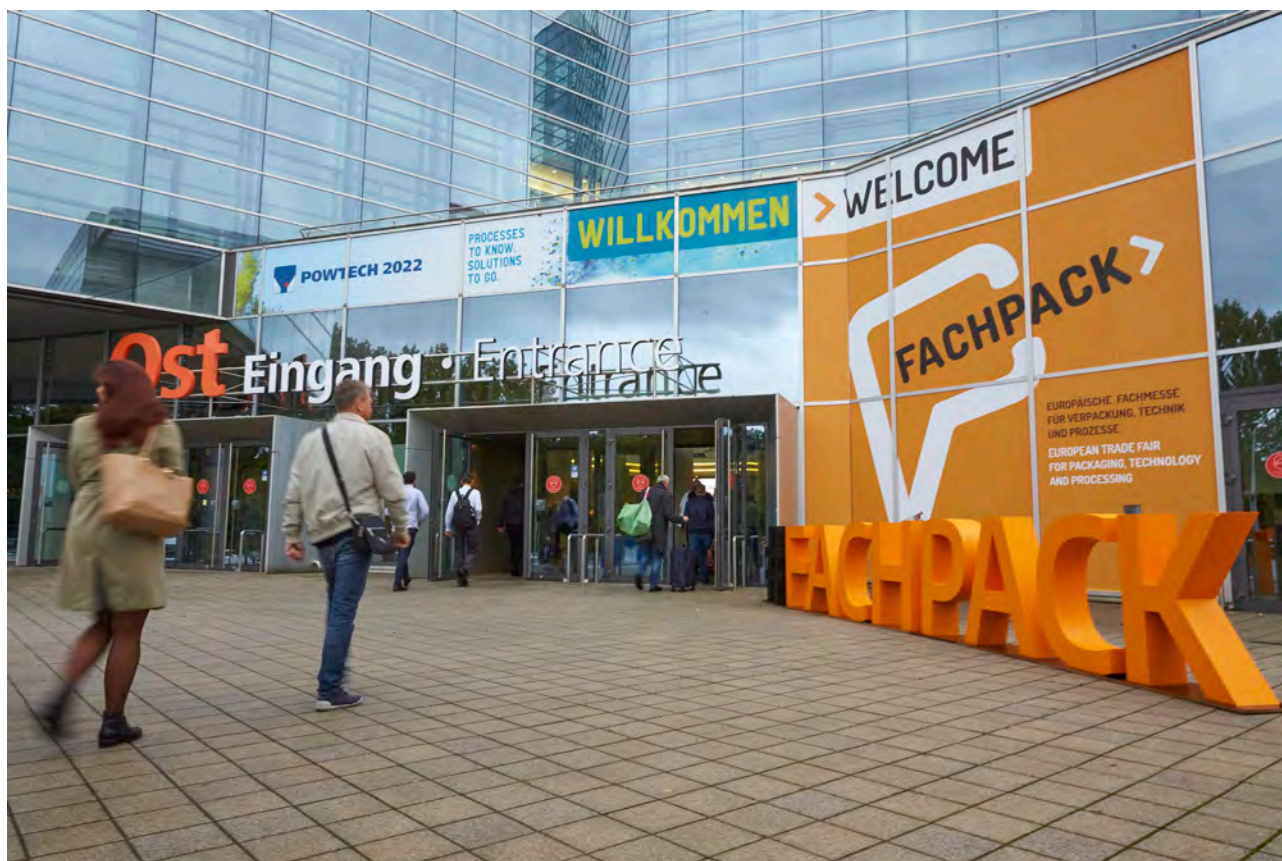


Berglandmilch is the first company in Austria to use K3® cups where the cardboard wrap separates itself from the plastic cup during the waste collection process, without the need for human intervention.

SECTORS

 **PACKAGING**

TRADE FAIR PREPARATIONS GET UNDERWAY FOR FACHPACK 2024



The European packaging sector will once again gather in Nuremberg at the trade fair for packaging, technology and processes. Around 1,300 exhibitors and 35,000 trade visitors are expected. The main theme at FACHPACK will be “Transition in Packaging”, which reflects the current changes associated with sustainability, digitalisation and altered consumer behaviours in the industry.

This key topic will be addressed at the exhibitor stands and through the forums, special shows and awards ceremonies that are an integral part of the trade fair. As of now, interested companies can register for FACHPACK 2024. All relevant information is provided on the new website www.fachpack.de/en

FACHPACK is a compact, three-day exhibition that is an important compass for the European packaging industry and its customers. It presents a comprehensive range of solutions across the entire packaging process chain for industrial and consumer goods. As well as highlighting

cutting-edge trends and providing direction, it presents innovative solutions and delivers answers to the burning issues affecting the packaging sector.

The participating exhibitors offer products, machines or solutions from the following segments: packaging materials, packaging and accessories, packaging and bottling machinery, labelling, marking and identification technology, machines and equipment in the packaging periphery, packaging printing and finishing equipment, palletising technology, intra-logistics and services for the packaging industry. FACHPACK enables them to reach their most important target groups.

85% of trade fair visitors are in executive roles

Whether they are purchasing officers, packaging developers, project managers, marketing specialists, production managers, managing directors or business owners – FACHPACK attracts high-calibre visitors from Germany, Austria, Switzerland, Italy, France, Benelux, the UK, Scan-

FACHPACK 2024



Your Guide for a Packaging Industry in Transition.

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**EUROPEAN TRADE FAIR
FOR PACKAGING, TECHNOLOGY AND PROCESSING**



dinavia, the Czech Republic, Slovenia and Hungary. One in three visitors travels to Nuremberg from abroad.

FACHPACK enjoys widespread approval: According to the results of a visitor survey conducted by an independent institute, 95 percent of the professional audience at the last FACHPACK in 2022 were (highly) satisfied with the range on display in the exhibition halls. No less than 84 percent of trade visitors stated that they were involved in their company's purchasing and procurement decisions. And more than half of the visitors were in leadership roles. Trade visitors came primarily from the following segments: food, luxury food and beverages, pharmaceuticals and medicine, cosmetics, chemicals, electronics, automotive, commerce, packaging and logistics.

Subscribe now to the brand-new news portal FACHPACK360°!

Anyone wishing to keep up to date with the latest news and information on packaging before and after the show itself should take a closer look at the brand-new news portal FACHPACK360°, which provides a panoramic perspective on the issues affecting the European packaging industry. In the form of interviews, articles and video presentations, FACHPACK360° supplies the answers to the packaging questions of our times and helps its readers transition to altering consumer and industrial goods environments. It's available online 365 days a year! Interested?

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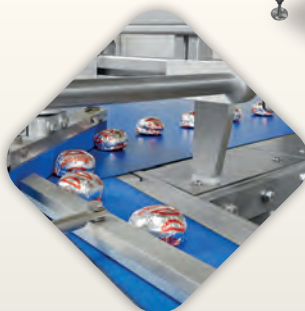


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50TH ANNIVERSARY – FACCA PACKAGING COSMETICS

In the past 50 years, there have been many remarkable events. We have come through good times and challenging situations.



We are proud to announce that we are celebrating this year the 50th anniversary of Facca Packaging. We are gratefully looking back to the beginning, where in 1970 Mr. Aniceto Canamasas, began his career, with great vision, which has allowed us to be today's global leading company in the cosmetic sector.

For Facca Packaging this year, despite the challenges, is an important and remarkable year as we are celebrating the 50th anniversary. In the past 50 years, there have been many remarkable events. We have come

through good times and challenging situations. Facca Packaging is the best example that, even though we are facing this current global situation, we continue being a leading position in the high-end and luxury sector of the cosmetic packaging industry.

In addition to this celebration, it is also a special year with regard to the development of our molds. Since this year, we add the mold number 3000 to our own workshop and mold manufacturing, which demonstrates the constant investment in Research and Development in injection and blow-molding to innovate our products.



At present, we find ourselves in a situation in which new markets demand a change in seeking sustainable solutions, and Faca Packaging is leading the way in this field.

New technologies

This year Faca Packaging has launched its most representative model, the T22 – version refill jar, which has been the subject of constant imitations in the last 20 years. Right now it has a refillable goblet, as well as the possibility of manufacturing its recyclable and recycled materials.

In addition, we have launched an authentic and unique airless jar on the market to preserve natural creams.

Sustainability

This year has also been very special for Faca Packaging since we are in the continuous process of updating and further developing the machinery.

Strong investments have been made in state-of-the-art machinery that is more sustainable and with lower consumption levels, both in the injection process, with the acquisition of heavy-duty machinery to allow multi-cavity molds in decoration, as well as in the assembly by cutting edge machinery such as using ultra-high-speed artificial vision cameras for quality control.

Since 2019, our company uses 100% renewable energy in the three factories, the Injection mold factory, as well as its offices, thus continuing with the commitment to a

sustainable environment. The entire electricity consumption comes from fully renewable energy. In addition to this, we cannot forget the most important pillars that Faca Packaging has always characterized: R&D, design, exclusivity, and quality. We continue with the purpose of manufacturing 100% cleanroom. We have the approval of ISO – 9001 certification and the current development of ISO-14001.

Value Added

Our product has two important factors:

The first one is the technical factor, which must guarantee the sealing and the properties of the cream, which are the functional elements on which the packaging design must be based.

The second factor is aesthetics, where essential aspects such as design, decoration, and finishes intervene.

Our extensive knowledge of these 50 years has allowed us to achieve that aesthetic, technological, and functional challenge is met in an exceptional way.

We maintain the philosophy of launching between 4 and 5 models per year, as well as increasing our list of patents that accumulates more than 300 until now.

We are very proud to be able to turn 50 in these times, and obviously thank all our clients for the trust they have placed in us.

www.facapackaging.com

SECTOR

✓ **PACKAGING**

✓ **PERFUMERY**

✓ **COSMETIC**



RECORD REGISTRATIONS, THOUSANDS OF VISITORS, AND GLOWING FEEDBACK AT UK'S PREMIER PACKAGING EXPO

Leading multi-format event organiser Easyfairs is celebrating following a blockbuster showing from its Packaging Innovations & Empack, Featuring Contract Pack & Fulfilment showcase, which was met with a rapturous response from attendees and exhibitors alike.

Registrations to the event were at a record high and over 6,500 unique attendees visited Birmingham's NEC over the course of the two-day event, a substantial 21% increase when compared to 2022's showing.

In addition to the constant crackle of networking taking place on the show floor, delegates were enlightened by a series of insightful talks held on three stages. A particular highlight was an enthralling speech on the trends shaping the packaging industry, delivered by Paul Jenkins, Founder and Managing Director of The PackHub, who placed the spotlight on the resurgence of paper-based solutions and the rise of innovative bio-based materials as part of a marked shift away from plastic.

The lively atmosphere and packed schedule of insightful events meant attendees and exhibitors alike were glowing in their feedback. Toshihiro Yoshimura, CEO of foodservice business Waso, was impressed by the new Foodservice Zone, hosted in partnership with the Foodservice Packaging Association (FPA), saying "This was my first time at Packaging Innovations. I didn't expect such an amazing variety of packaging solutions – I found everything I need to improve my foodservice business."

Exhibitors were similarly positive. "We have had a brilliant show with lots of leads," added Kayleigh Russell, Sales Manager at Micro Delta Packaging. "As always, Easyfairs was organised and professional. We can't thank the team enough."

Another show highlight was the inaugural Future Trailblazer initiative, which will shine a spotlight on individuals going above and beyond to drive sustainability, excellence, and cutting-edge innovation in their respective fields. At a highly-anticipated presentation on the Circular Economy

stage, the concept was launched by Parisa Maleki, Community & Content Manager at Easyfairs, alongside partners IOM3 and Mercury Search & Selection. The criteria for applicant and entry process was defined, with a timeline of one year, until February 2024 given.

Speaking after the event, Renan Joel, Managing Director Packaging Division at Easyfairs, said, "We want to thank every speaker, exhibitor, and the thousands of visitors who came from across the world to make this the biggest and best Packaging Innovations yet. It was a show where we pushed the envelope and tried so many new things, from the Foodservice Zone to the Future Trailblazer launch to Contract Pack & Fulfilment being elevated to a third 'headline act' to make this a triple event.

"It's incredibly gratifying to see all the new things we tried meet such a positive response thanks to the hard work and passion of our Easyfairs team. The only problem is trying to make next year's show even better, but we're definitely up for the challenge."

Attendees wishing to register their interest in 2024's showcase can do so by visiting

www.packagingbirmingham.com now. Easyfairs' next UK-based packaging showcase is London Packaging Week, held on 21 & 22 September at ExCeL London.



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EXPERTISE AND RESEARCH OF THE BEST RAW MATERIALS TO GUARANTEE A HIGH QUALITY PRODUCT

Stella Maris brand was born in 2014 in Canosa di Puglia, from the desire of a young woman, Doctor Garofalo Vanessa graduated in pharmacy with a master in cosmetics at the University of Ferrara. Confidence in her abilities, trust in her personal skills and the audacity of her ambitions lead Stella Maris to be constantly expanding in the production of cosmetics.

The production of Stella Maris ranges between the various categories: from hair care, body to face, providing solutions to various problems, offering products that fully adapt to the needs of the consumer.

Stella Maris is based in Canosa di Puglia with a production site and a web page for sale online, where each product bears a detailed description of each aspect. The company respects the well-being of the customer, thanks to the use of natural ingredients for its products.



The Premier PROCESSING & PACKAGING Event for Vietnam and beyond



After the success of ProPak Vietnam in 2022, there are many positive feedbacks on business opportunities generated during the show dates. The 15th edition attracted 10,720 trade visitors to the event to do face-to-face business and provided countless product demonstrations to engineering community. Coming back **Saigon Exhibition & Convention Center (SECC), District 7, Ho Chi Minh City from 8th – 10th November 2023**, ProPak Vietnam 2023 will continually serve the packaging & processing industry in Vietnam and beyond. This is the dedicated place for B2B connect activities, product & technology showcase, industry sharing sessions for enterprises who are working in food, beverage, pharmaceutical, cosmetics, consumer goods and many other related sectors. Secure your participation in the 16th edition of ProPak Vietnam to obtain a chance for real business opportunities you must invest in. ProPak Vietnam 2023 will bring an international-standard event to Vietnam and surrounding countries with significant features:



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EXHIBITION AREA



450+

EXHIBITING COMPANIES



30+

COUNTRIES/REGIONS



11.000+

TRADE VISITORS

Organiser by

Stella Maris

Bellezza e Benessere



The strengths points are the competence and the daily research of the best raw materials, to ensure a high quality product that meets certain standards.

The strict control and the research methods are applied from the very beginning: from the cultivation and the initial stage, the raw materials are subjected to processes that guarantee compliance with company regulations, and then receive accurate review even in the final packaging.

STELLA MARIS is composed by a young and dynamic team that leaves nothing to the approximation that study every situation in a scrupulous way, in fact, with the help of a computerized system for the management of logistics and the use of innovative equipment and machinery, is able to optimize the production process, making Stella Maris efficient and professional, able to operate competitively throughout Italy and abroad.

STELLA MARIS manufactures and produces any cosmetic product, from natural to organic, ensuring and satisfying every customer such as: pharmacies, beauty centers, hairdressers, gyms and companies.

Each cosmetic is formulated and produced following the instructions of the customer in terms of ingredients, textures, fragrances.

SECTORS

 COSMETIC

 PRODUCTION



Stella Maris offers the possibility to create an ad hoc line starting from the origins, helping the customer in the study of individual ingredients and guiding him in the process. Alternatively, it offers lines that are already formulated meeting your needs.

Fundamental to the company policy is a regime of transparency: on the site are in fact available, visible and accessible to all, the ISO 22716 certifications, which certify that the company fully respects the Good Manufacturing Standards of Cosmetic Products. Stella Maris, in addition to scrupulous compliance with European and national legislation relating to the placing on the market of cosmetic products and their use, is constantly looking for methods to define production standards aimed at the pursuit of higher and higher quality levels.

www.stellamariscosmetica.com



POWTECH 2023: THE HUB FOR PROCESSING AND BULK SOLIDS TECHNOLOGY



In autumn 2023, POWTECH will be setting a new course: The organisers are extending the product range at the leading trade fair for processing and bulk solids technology to specifically include the processing and handling of fluids and liquids. At POWTECH 2023 from 26–28 September, experienced companies and innovative start-ups will therefore showcase a broad range of technological solutions for the production and processing of powder, granules, bulk solids, fluids and liquids. Around 700 exhibitors and 14,000 visitors are expected. For more information about the trade fair, go to: www.powtech.de/en

By implementing this change, NürnbergMesse is reflecting the fact that in many of POWTECH's target sectors, powder and bulk solids processing is being combined with fluid and liquid technologies to create one integrated process. Marianny Eisenhofer, Director POWTECH, ex-

plains: "The key to increasingly efficient and sustainable processes is to take an integrated approach and optimise them accordingly. Many of the exhibitors traditionally represented at POWTECH have been making considerable progress towards this goal for some time now." Heike Slotta, Executive Director Exhibitions at NürnbergMesse, had this to add: "This repositioning opens up POWTECH, as the leading fair for the sector, to other European solution providers for the manufacture and processing of powders, granules, bulk solids and liquids."

Gateway to the European market

POWTECH is the gateway to the European market and provides compact yet comprehensive insights into the latest developments and industry-specific trends in conveying and processing technology, as well as cutting-edge solutions for size reduction, screening, mixing, conveying, dosing and granulating.



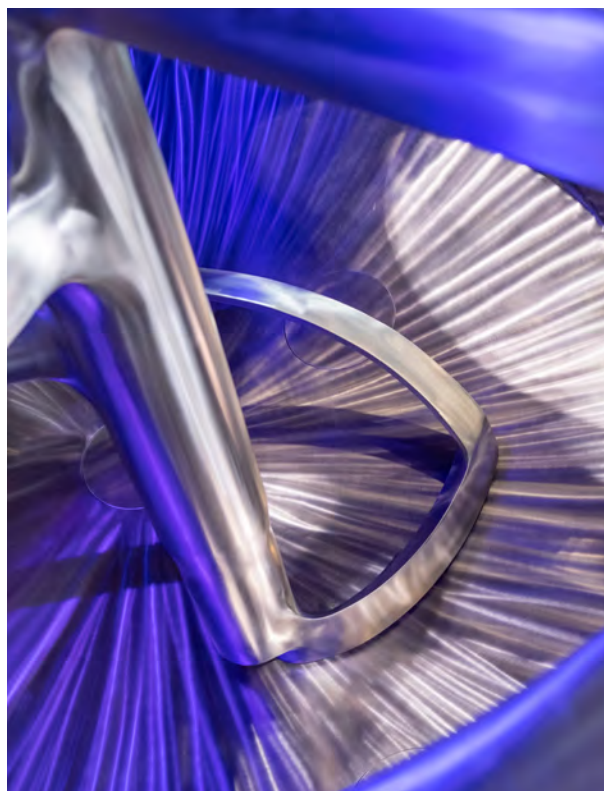
For exhibitors and visitors from a range of sectors, including, chemicals, pharmaceuticals, food, non-metallic minerals, ceramics, glass, machine and equipment manufacturing, recycling, environment, cosmetics and batteries, POWTECH offers the ideal platform to discuss dosing, process and screening technology.

It's where developers, production managers, decision-makers and purchasing officers from various sectors find expert advice for their innovation decisions and practical solutions for their individual problems.

International congress puts the spotlight on particle technology

PARTEC, the concurrent three-day international scientific congress for particle technology, which is sponsored by the VDI Association of Process and Chemical Engineering (GVC), represents another valuable addition to the exhibition. In the past, it has regularly proven to be a crowd-puller for scientists, young researchers and engineers from all around the world.

www.partec.info



POWTECH 2023

EXHIBITIONS 2022-2023

PROWEIN

19-21/03/2023 
DUSSELDORF

International wine & spirits exhibition.

MECSPE

29-31/03/2023 
BOLOGNA

Fair for the manufacturing industry.

VINITALY

02-05/04/2023 
VERONA

International wine & spirits exhibition.

PROSWEETS

23-25/04/2023 
COLOGNE

Fair for the sweets and snacks industry.

MACFRUT

03-05/05/2023 
RIMINI

Fair of machinery and equipment for the fruit and vegetable processing.

CIBUS

03-06/05/2023 
PARMA

Fair of food product.

INTERPACK

04-10/05/2023 
DUSSELDORF

Technology focused on packaging, bakery, pastry technology.

HISPACK

07-10/05/2023 
BARCELONA

Technology fair for packaging.

TUTTOFOOD

08-11/05/2023 
MILAN

Fair B2B show to food & beverage.

SPS/IPC/DRIVES/ITALIA

23-25/05/2023 
PARMA

Fair for industrial automation sector.

BEER&FOOD ATTRACTION

19-22/06/2023 
RIMINI

Fair for beers, drinks, food and trends.

FISPAL

27-30/06/2023 
SÃO PAULO

Fair for product from packaging.

MCTER

29/06/23 
ROMA

Exhibition on energy efficiency.

POWTECH

26/29/10/2023 
NUREMBERG

The trade fair for powder processing.

MIDDLE EAST 2022/23

GULFHOST

2023 
DUBAI

Fair of hospitality.

GULFOOD

20-24/02/2023 
DUBAI


Fair for food and hospitality.

GASTROPAN

17-19/03/2023 
ARAD

Fair for the bakery and confectionery.

DJAZAGRO

05-08/06/2023 
ALGERI Fair for companies of the agro-food sector.

IRAN FOOD+BEV TEC

10-20/06/2023 
TEHRAN

Fair for food, beverage&packaging technology.

PROPACK ASIA

14-17/06/2023 
BANGKOK

Fair for packaging, bakery, pastry.

PACPROCESS FOOD PEX

07-09/09/2023 
MUMBAI

Fair for product from packaging.

ANUTEC

07-09/09/2023 
NEW DELHI

Fair for the food&beverage industry.

HOSPITALITY QATAR

06-08/11/2023 
DOHA

Fair of Hospitality and HORECA.

GULFOOD MANUFACTURING

07-09/11/2023 
DUBAI

Fair for packaging and plants.

EXHIBITIONS 2022-2023

HOST

13-17/10/2023 🏛️

MILAN

Fair for bakery production and for the hospitality.

SIAL

19-23/10/2023 🏛️

PARIS

Fair on food products.

IBA

22-26/10/2023 🏛️

MONACO

Fair for the bakery and confectionery industry.

CIBUS TEC

24-27/10/2023 🏛️

PARMA

Fair for food & beverage technologies trends.

SUDBACK

26-29/10/2023

STUTTGART

Fair for bakery and confectionery.

BRAU BEVIALE

28-30/11/2023 🏛️

NUREMBERG

Fair of production of beer and soft drinks.

SIMEI

2024 🏛️

MILAN

Fair for vine-growing, wine-producing and bottling industry.

ANUGA FOODTEC

19-22/03/2024 🏛️

COLOGNE

Fair on food and beverage technology.

LATINPACK

16-17/04/2024 🏛️

SANTIAGO CHILE

International packaging trade fair.

FACHPACK

24-26/09/2024 🏛️

NUREMBERG

International packaging trade fair.

ALL4PACK

04-07/11/2024 🏛️

PARIS

Exhibition about packaging technology.

DRINKTEC

2025

MONACO 🏛️

Fair for the beverage, liquid food industry.

SAVE

2026

VERONA 🏛️

Fair for automation, instrumentation, sensors.



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51036 Castelmartini (Larciano) - PT
Italy

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37-38

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15033 Casale Monferrato - AL
Italy

B.M. GROUP SRL

31/33

Via Garziere, 36
36010 Zanè - VI
Italy

BIOGEST SRL

54/57

corso crimea, 35
15121 Alessandria - AL
Italy

CAMA GROUP

6-58/61

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23846 Garbagnate Monastero - LC
Italy

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28077 Prato Sesia - NO
Italy

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40057 Quarto Inferiore - BO
Italy

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104-105

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Italy

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22-23

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PICCOLI PLAST SRL

74-75

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Italy

ROTOPRINT SOVRASTAMPA SRL

24/27

Via Puccini, 25
20020 Lainate - MI - Italy

SACCHETTIFICIO TOSCANO SRL

II COV-50-51

Via della Costituzione 1/3/5
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108-110-111

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76012 Canosa di Puglia - BT - Italy

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IV COV-28/30

Via Lago Di Albano, 76
36015 Schio - VI - Italy

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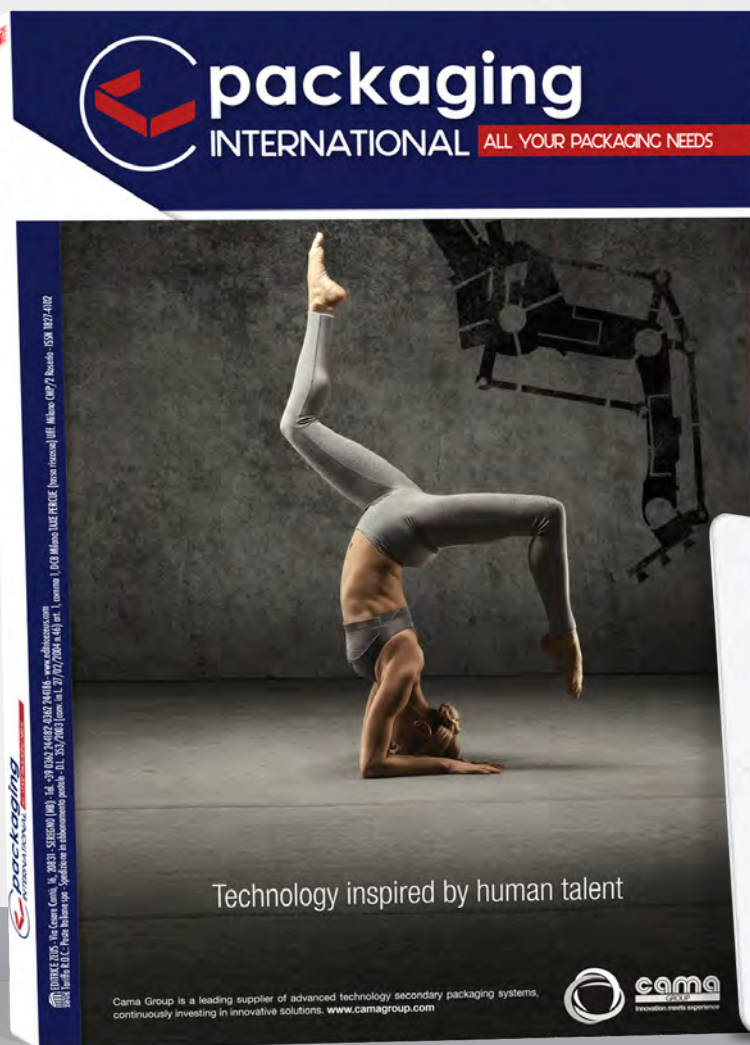
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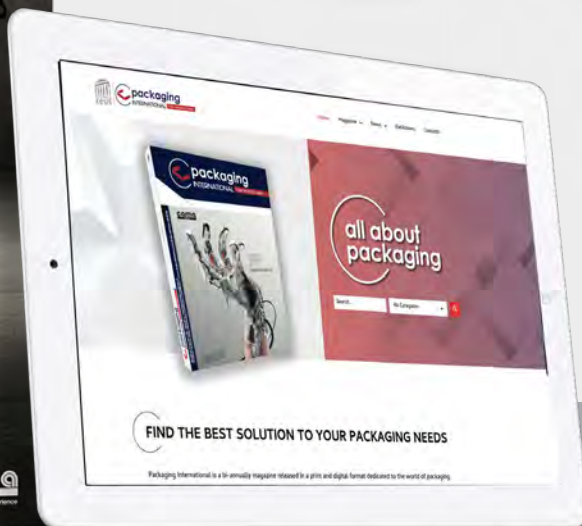
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- To provide insights and advices on matters of trade, investment, finance and industry between Italy and Thailand or within South East Asia.
- To organize bilateral events/trade shows periodically, in the form of seminars, talks, missions, round table or business dinners, in order to promote interaction between subjects.
- To keep close contact with the Thai authorities, pressing issues when necessary.
- To support, represent, and protect the interests of the Members, both in Italy and Thailand.



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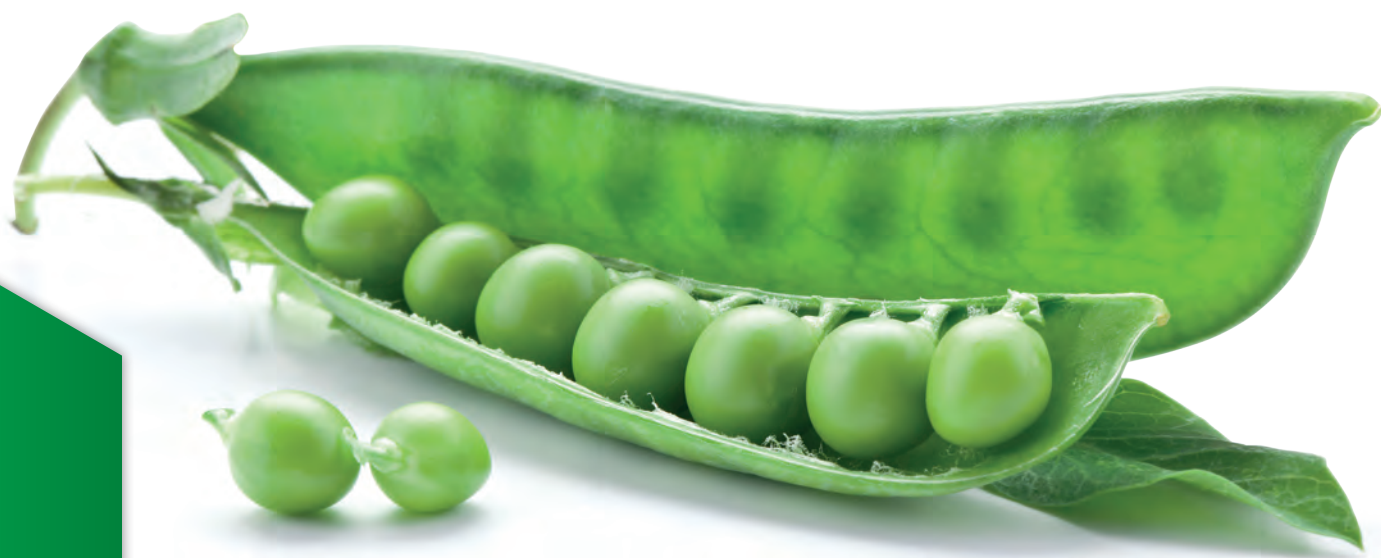
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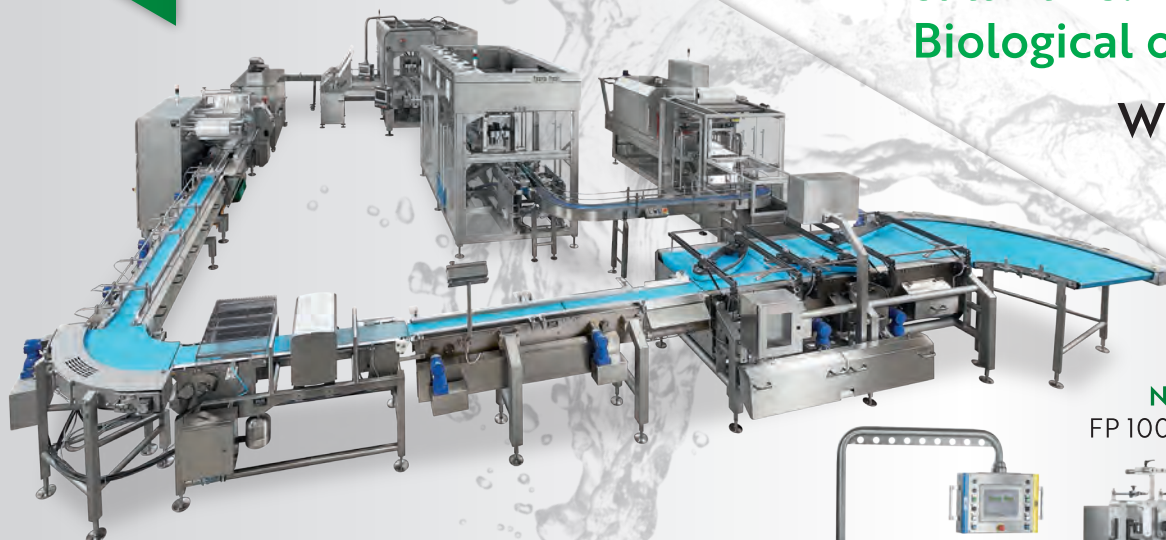
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