



**Omnia
Technologies**

Life Sciences



Complete **solutions** from
processing to end-of-line
for **Pharma, Nutraceutical,**
Diagnostic & Cosmetics

Our Group

Omnia Technologies was founded on the strategic vision of Investindustrial, a leading European industrial investment group focused on the development and international growth of companies with strong manufacturing and technological capabilities.

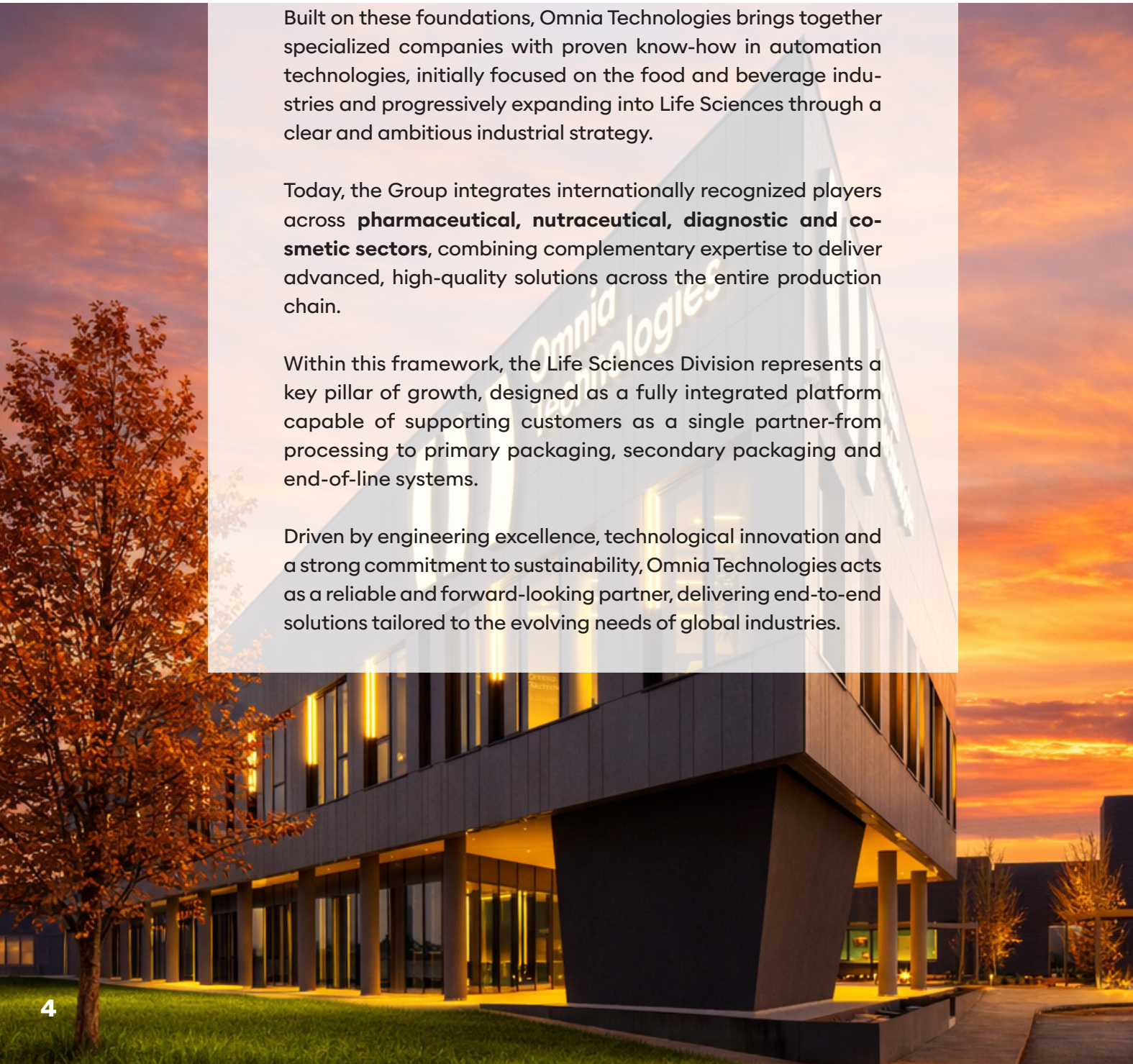
Investindustrial is deeply rooted in industrial expertise, supporting long-term value creation through **operational excellence, innovation and sustainable development**.

Built on these foundations, Omnia Technologies brings together specialized companies with proven know-how in automation technologies, initially focused on the food and beverage industries and progressively expanding into Life Sciences through a clear and ambitious industrial strategy.

Today, the Group integrates internationally recognized players across **pharmaceutical, nutraceutical, diagnostic and cosmetic sectors**, combining complementary expertise to deliver advanced, high-quality solutions across the entire production chain.

Within this framework, the Life Sciences Division represents a key pillar of growth, designed as a fully integrated platform capable of supporting customers as a single partner-from processing to primary packaging, secondary packaging and end-of-line systems.

Driven by engineering excellence, technological innovation and a strong commitment to sustainability, Omnia Technologies acts as a reliable and forward-looking partner, delivering end-to-end solutions tailored to the evolving needs of global industries.



Our Values

Inspired by our Italian heritage and our vocation for sustainability, we serve as technology leaders in the food, beverage and pharma industry, always serving our customers, people and communities.

01. Technology Innovation

With more than 600+ engineers and technical specialists, we design and develop the most advanced and sustainable automation technologies.

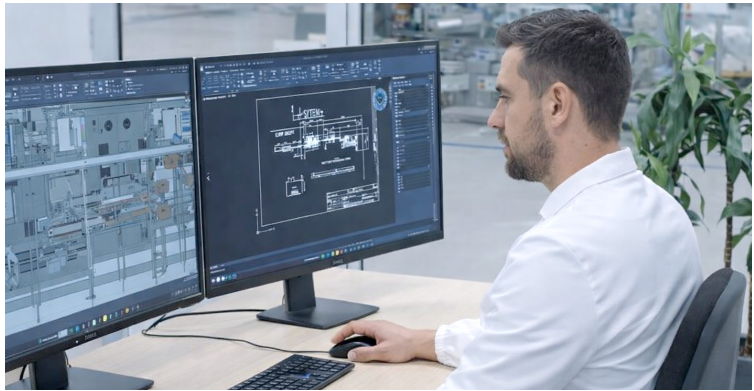
02. Sustainability Respect

Our purpose is to integrate sustainability into every aspect, contributing to the achievement of the global goals of the 2030 Agenda. The strategic plan is based on 4 basic pillars - Corporate, People, Impacts Reduction and Innovation - that expand into 20 macro goals, currently implemented by 90 initiatives.

03. Service Accessibility

We are committed to providing and supporting our customers with 600+ people in the service team mobilized around the world.

We are committed to being active promoters of a sustainable growth model, starting by valuing people, territory and the communities of which we are a part, and promoting the development of our partners and clients.



700+

PATENTS

20

ESG MACRO TARGETS

600+

SALES & SERVICE TECHNICIANS

Life Sciences Division

The Life Sciences Division of Omnia Technologies is a fully integrated partner delivering complete automation solutions from process to packaging and end-of-line for pharmaceutical, nutraceutical, diagnostic and cosmetic industries.

Combining specialized expertise within a coordinated international organization, the division ensures high performance, reliability and seamless project execution.

With full in-house capabilities, from engineering to validation, and global support, we provide advanced, future-oriented solutions focused on quality, sustainability and long term value.



Industries we serve

The **Life Sciences Division** of Omnia Technologies operates across four key industries, delivering advanced and tailored automation solutions for both production and packaging needs.

PHARMACEUTICAL



End-to-end solutions for pharmaceutical and medical device manufacturers, covering processing (tablets, capsules, softgels) and complete packaging lines. All systems are designed in full compliance with global regulatory and validation standards.

DIAGNOSTIC



High-precision technologies for reagents, test kits and laboratory consumables. Our solutions ensure accuracy, reliability and full process control for highly regulated and complex applications.

NUTRACEUTICAL



Flexible automation for food supplements and health products, combining efficiency, product integrity and market-oriented packaging solutions tailored to a dynamic and fast-evolving sector.

COSMETIC



Automation solutions for liquids, creams, fragrances and personal care products, designed to handle diverse formats while combining production efficiency with high-quality packaging and strong visual appeal.

Our Brands

The **Life Sciences Division** of Omnia Technologies brings together a group of **highly specialized brands**, each with a strong industrial identity and deep expertise in specific areas of pharmaceutical, nutraceutical, diagnostic and cosmetic manufacturing.

By combining their capabilities, the division delivers complementary technologies covering the entire production chain — from primary processing to secondary packaging and end-of-line solutions.



Complete Packaging Solutions for Pharma & Nutraceutical

Integrated technologies for counting, blister packaging, liquid filling and powder dosing, combined with labeling, secondary packaging and end-of-line systems. Designed to support high-performance pharmaceutical and nutraceutical production environments.



Rotary Tablet Compression Excellence

High-precision rotary tablet presses engineered for pharmaceutical solid dosage manufacturing, ensuring performance, consistency and production efficiency.



Primary Filling Systems for Pharma, Diagnostics & Cosmetics

Engineering and manufacturing of high-performance liquid filling and primary packaging systems for pharmaceutical, diagnostic and cosmetic applications. Designed for vials, cartridges, bottles, tubes and specialized containers, supporting both aseptic and high-speed non-sterile production environments.



Complete Technologies for Softgel Production

End-to-end solutions for softgel encapsulation and processing, built on a long-standing industrial heritage and deep process knowledge. Supporting pharmaceutical and nutraceutical manufacturers with reliable and scalable production technologies.



Aseptic Powder Dosing Technologies

Specialized systems for aseptic powder filling and dosing, designed for sterile pharmaceutical applications requiring accuracy, containment and compliance.



Advanced Closure Assembly Systems

Automatic machines for the assembly of complex closures and components used in pharmaceutical, beverage and industrial packaging applications.



Advanced Automation & Lifecycle Support

Engineering hub for custom automation, integrated production systems and specialized pharmaceutical equipment. Strong expertise in retrofit, revamping, refurbishing and rebuilding, combined with maintenance and after-sales support.

Lifecycle & Service

At Omnia Technologies, service is an integral part of the value we deliver, developed as a structured and proactive approach that supports every stage of the project lifecycle.

Within the Life Sciences Division, project management and service operate as a fully integrated system. Dedicated teams follow each project from engineering and manufacturing through installation and commissioning, ensuring full visibility, consistency and control at every stage. This approach allows us to manage even the most complex and customized solutions with precision and continuity.

Our global organization enables us to support partners worldwide through both on-site intervention and advanced remote assistance, ensuring fast diagnostics, effective resolution and operational continuity. At the same time, our service model is designed to be proactive, with preventive maintenance strategies and continuous monitoring aimed at maximizing system performance over time.

A key strength lies in our complete control of the technologies we deliver. Engineering, manufacturing, software development and validation are all managed in-house, together with the production of technical documentation aligned with the most demanding international standards. This ensures reliability, compliance and a deep understanding of each installed system.

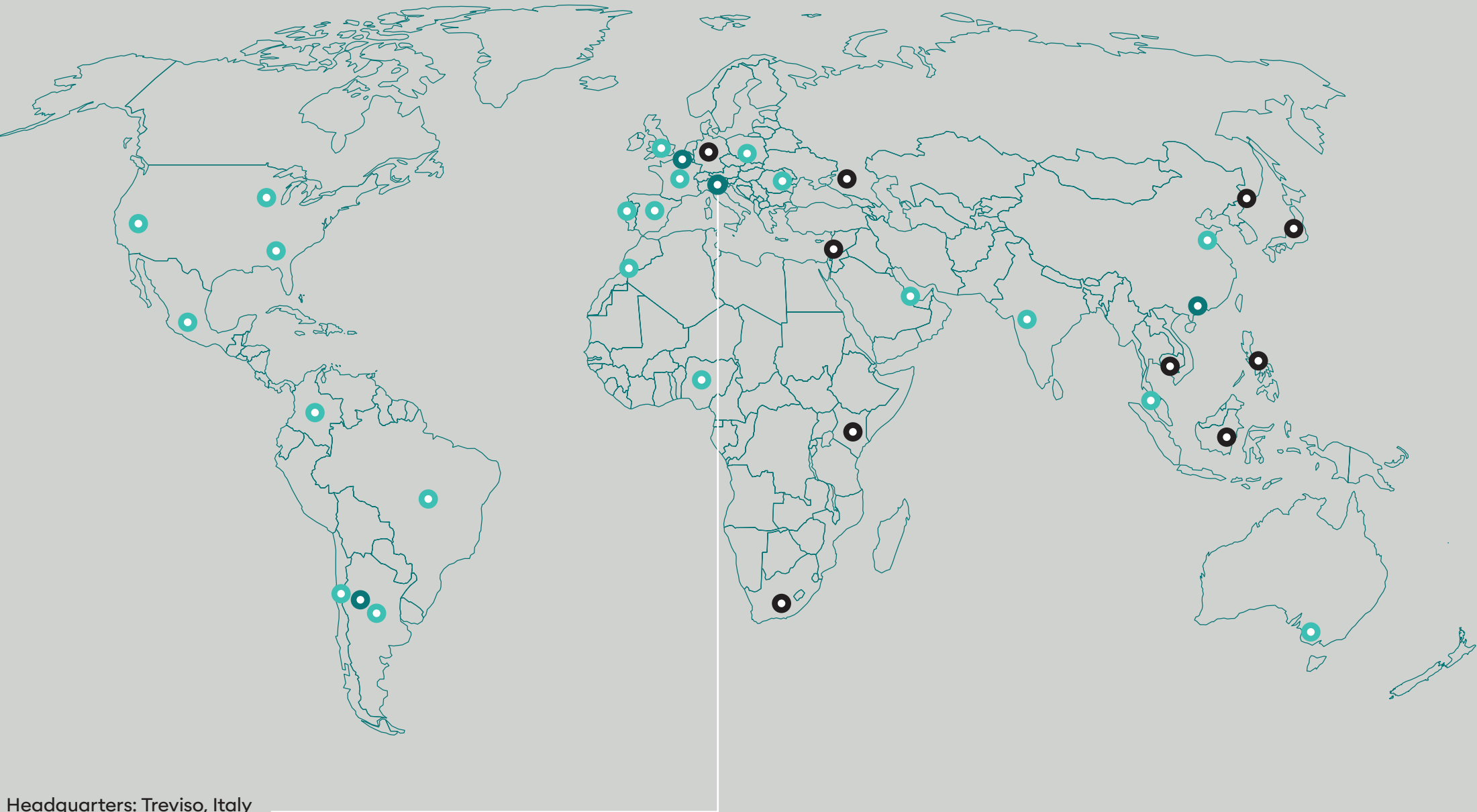


We work alongside our partners as technology partners, sharing knowledge, supporting their operations and contributing to the long-term evolution of their production capabilities. Our goal is to sustain performance, reliability and value throughout the entire lifecycle of every solution.

Our approach is defined by **precision, technical competence and responsiveness**. By working closely with our customers and responding quickly to their needs, we ensure that every system continues to operate at its best, supporting productivity and long-term operational reliability.

Through this combination of global reach, technological expertise and customer-focused service, Omnia Technologies Life Sciences stands as a reliable partner for continuous support and operational excellence.

Global Presence



A global company with a strong sales and after-sales presence. Close to those who produce, anywhere in the world.

- Productive Units
- Commercial & Service Offices
- Sales & Service partner

THE GROUP'S NUMBERS

+30

PRODUCTIVE UNITS

24

COMMERCIAL & SERVICE OFFICES

90

COUNTRIES

~30.000

INSTALLATIONS

+600

R&D & ENGINEERS

+2.800

PEOPLE

End-to-end Partner

The Life Sciences Division of Omnia Technologies acts as a true end-to-end partner, supporting partners across the entire production lifecycle. From process technologies to primary, secondary and end-of-line systems, we deliver fully integrated solutions designed to ensure efficiency, quality and seamless operations at every stage.

Our strength lies in the ability to design and deliver complete, coordinated production lines, covering all key phases of manufacturing:

PROCESS

Technologies for solid dosage processing and softgel production, including tablet compression, capsule filling and softgel encapsulation lines.

Solutions designed to ensure consistency, precision and full control of critical production parameters.

PRIMARY PACKAGING

High-performance solutions for liquid filling, powder dosing, counting and blister packaging, covering a wide range of pharmaceutical, nutraceutical and cosmetic applications.

Designed for bottles, vials, cartridges and various containers, as well as blister formats, with configurations suitable for non-sterile, aseptic and containment environments.

SECONDARY PACKAGING

Efficient systems for cartoning and product grouping, ensuring flexibility across formats and optimized packaging workflows.

TERTIARY PACKAGING (END-OF-LINE)

Integrated solutions for bundling, case packing, palletizing and logistics preparation.

Including shrink wrapping, stretch banding, case packers and robotic palletizing systems for optimized handling and distribution.

LABELLING & IDENTIFICATION

Technologies for labeling, tamper-evident solutions and variable data application, including print & apply systems and integration of track & trace solutions such as serialization and aggregation.

CODING & MARKING

Reliable technologies for printing and verification of variable data, ensuring traceability, compliance and seamless integration with Track & Trace systems across the entire supply chain.

INSPECTION

Advanced inspection systems for quality control at every stage, including vision systems, weight control and functional checks, ensuring consistent product quality and compliance.

ROBOTICS & HANDLING

Advanced robotic solutions for product handling and process automation, including SCARA, parallel, articulated and collaborative robots, designed to ensure flexibility, precision and seamless integration across the production line.

ASSEMBLY

Specialized automation solutions for the assembly of components and closures, ensuring precision, repeatability and high production efficiency.

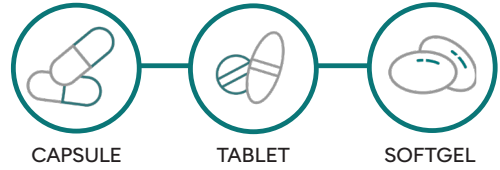


Product & Formats

Our technologies are designed to manage a wide range of products and formats across all key stages of the production process, **from processing to primary, secondary and end-of-line operations.**

By combining specialized expertise and integrated solutions, we are able to handle different product types and packaging configurations within fully coordinated production systems, supporting complex applications across pharmaceutical, nutraceutical, diagnostic and cosmetic industries.

DOSAGE FORMS



CAPSULE

TABLET

SOFTGEL

PRIMARY CONTAINERS



VIALS

CARTRIDGES

SYRINGES

BOTTLES

NESTED (RTU)

SPECIALTY FORMATS



EYE DROPS

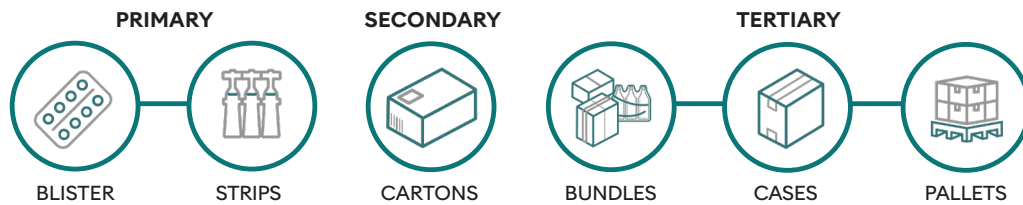
NASAL SPRAYS

ORAL SPRAYS

DROPPER BOTTLES

DUAL-CHAMBER

PACKAGING FORMATS



PRIMARY

SECONDARY

TERTIARY

BLISTER

STRIPS

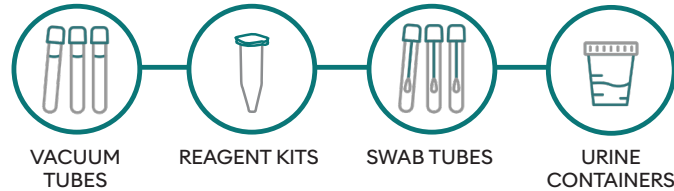
CARTONS

BUNDLES

CASES

PALLETS

DIAGNOSTIC FORMATS



VACUUM TUBES

REAGENT KITS

SWAB TUBES

URINE CONTAINERS

COSMETICS FORMATS



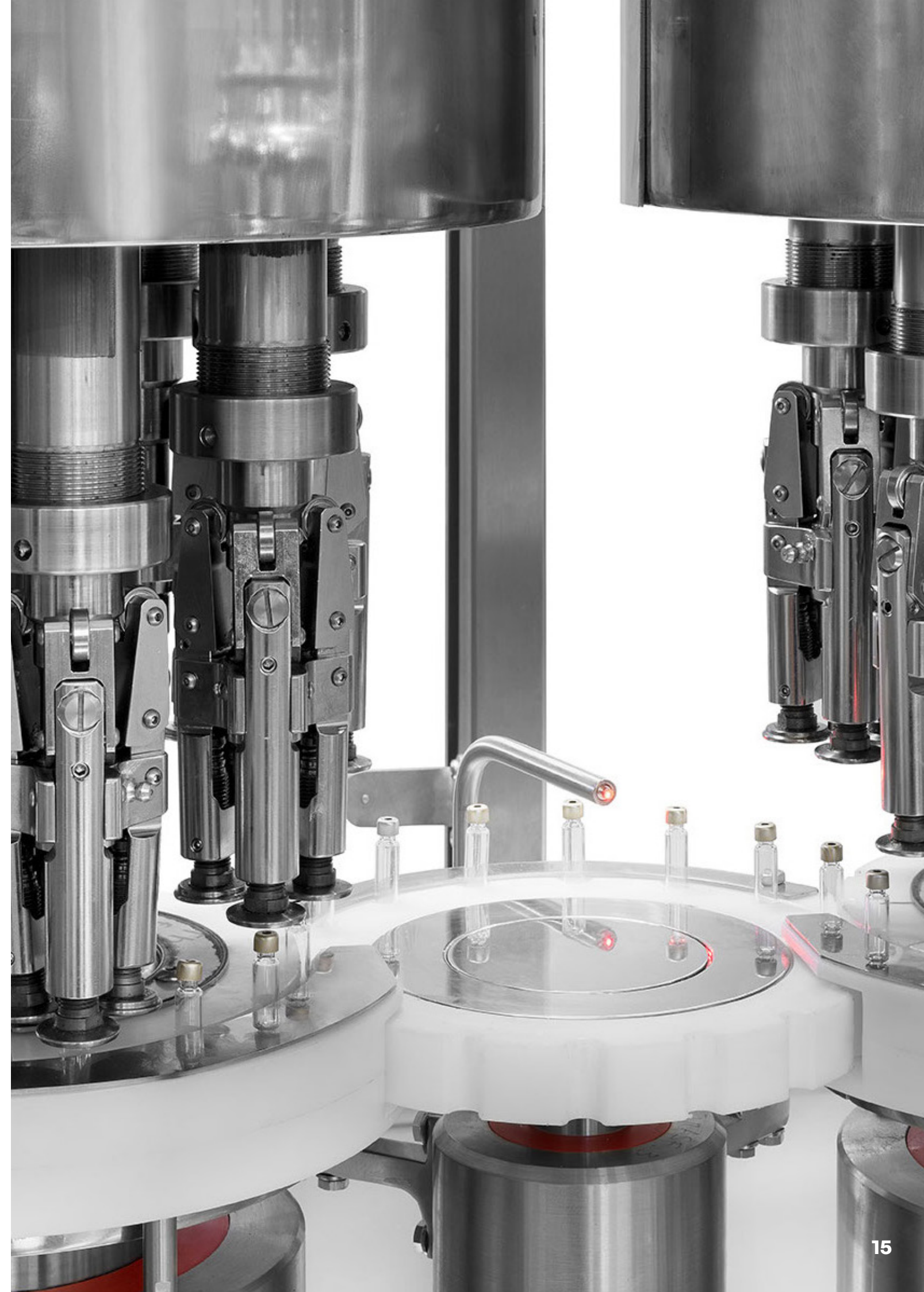
NAIL POLISH

PARFUME

CREAM

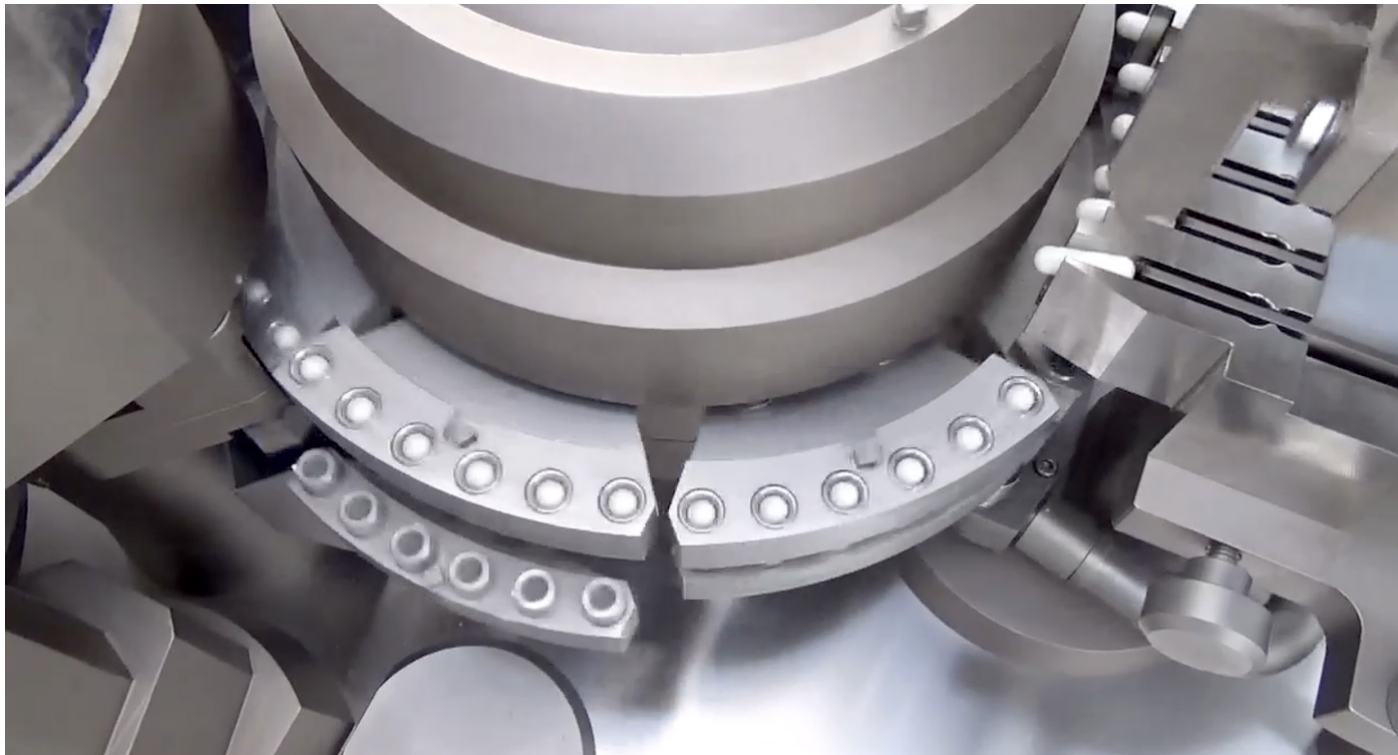
BODY CARE

DETERGENTS



Capsule filling system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
CAPSULE



PRODUCTION PHASE
CAPSULE FILLING



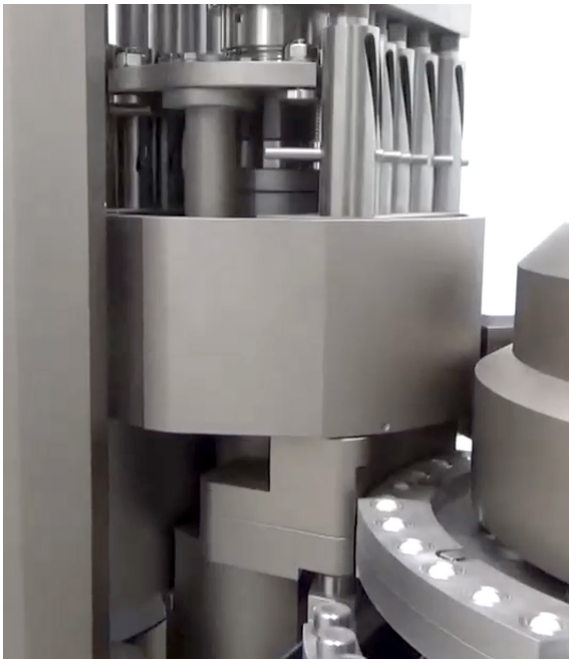
PRODUCTIVITY
UP TO 40,000 PCS/H

From powder to capsule. Fully Yours.

Precision dosing of capsule formulations, ensuring consistent performance at any speed.

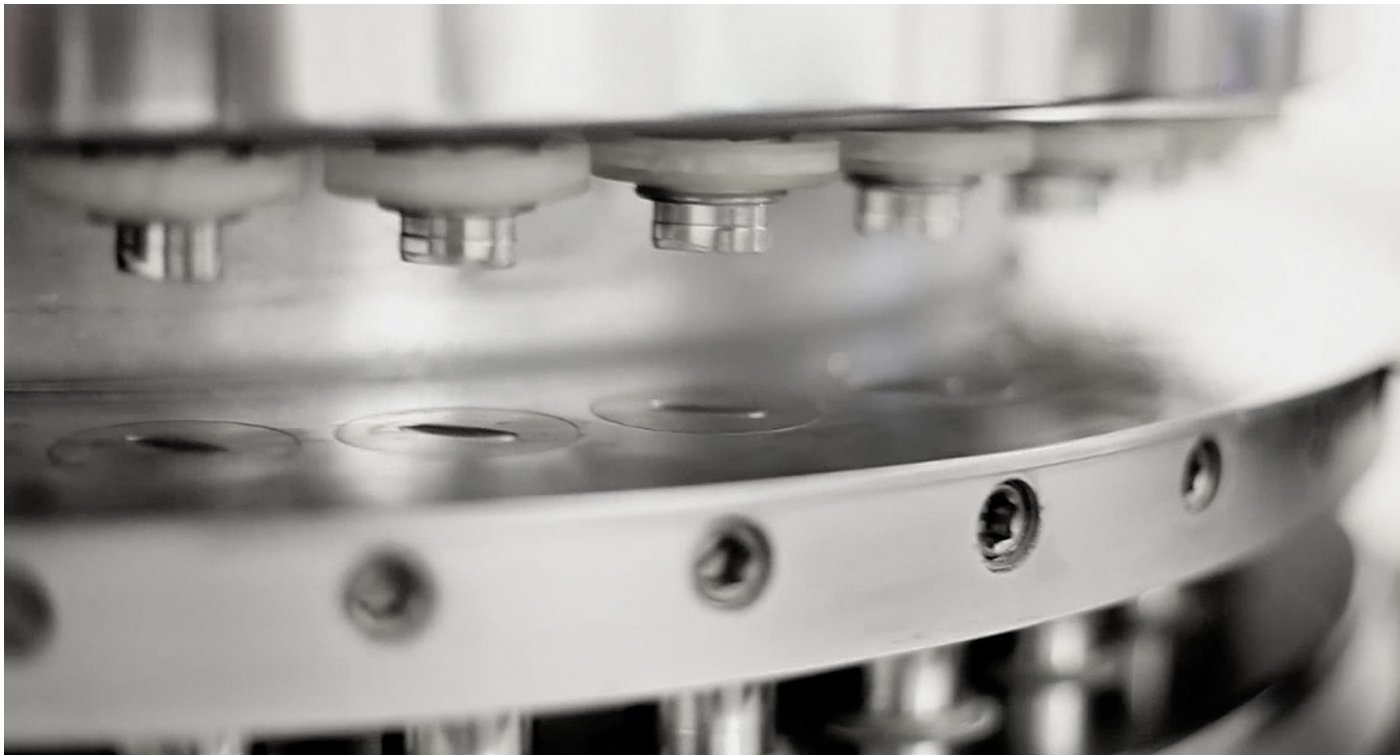
Designed for dedicated production environments, it delivers reliable capsule manufacturing ready for downstream packaging.

Easy to access, simple to run, and fast to change—keeping production efficient and in full control.



Tablet compression system

RONCHI
OFFICINA MECCANICA



FORMATS
TABLET



PRODUCTION PHASE
TABLET COMPRESSION



PRODUCTIVITY
UP TO 380,000 PCS/H

Flexible precision. Made mechanical.

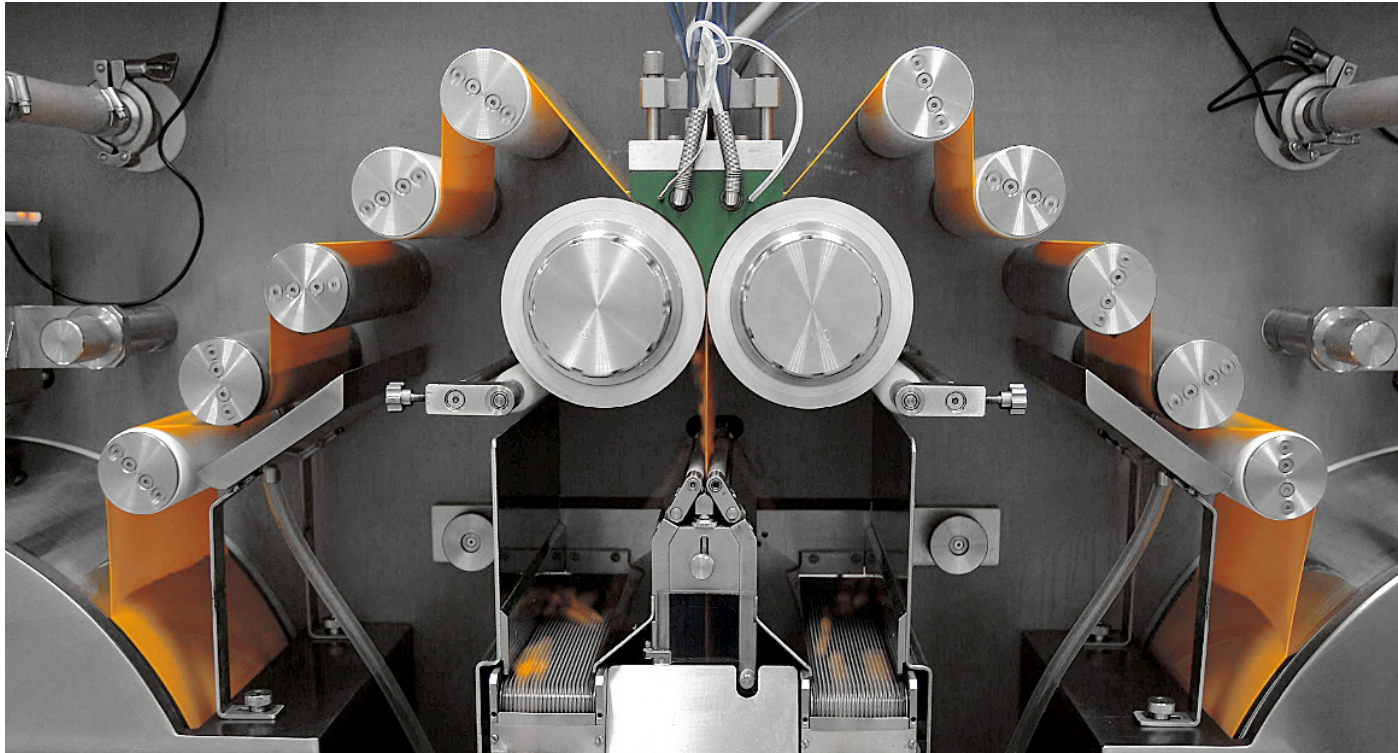
Tablet compression, built on decades of mechanical expertise.

Every machine reflects a deep understanding of materials, shapes and forces—refined through generations of real production experience.

Designed to handle even the most demanding formulations, it delivers consistent quality through robust mechanics and proven solutions. Reliable, adaptable and built to last—where precision is not programmed, but engineered.



Softgel encapsulation line



FORMATS
SOFTGEL



PRODUCTION PHASE
SOFTGEL ENCAPSULATION



PRODUCTIVITY
UP TO 600,000 PCS/H

Softgels, mastered end-to-end.

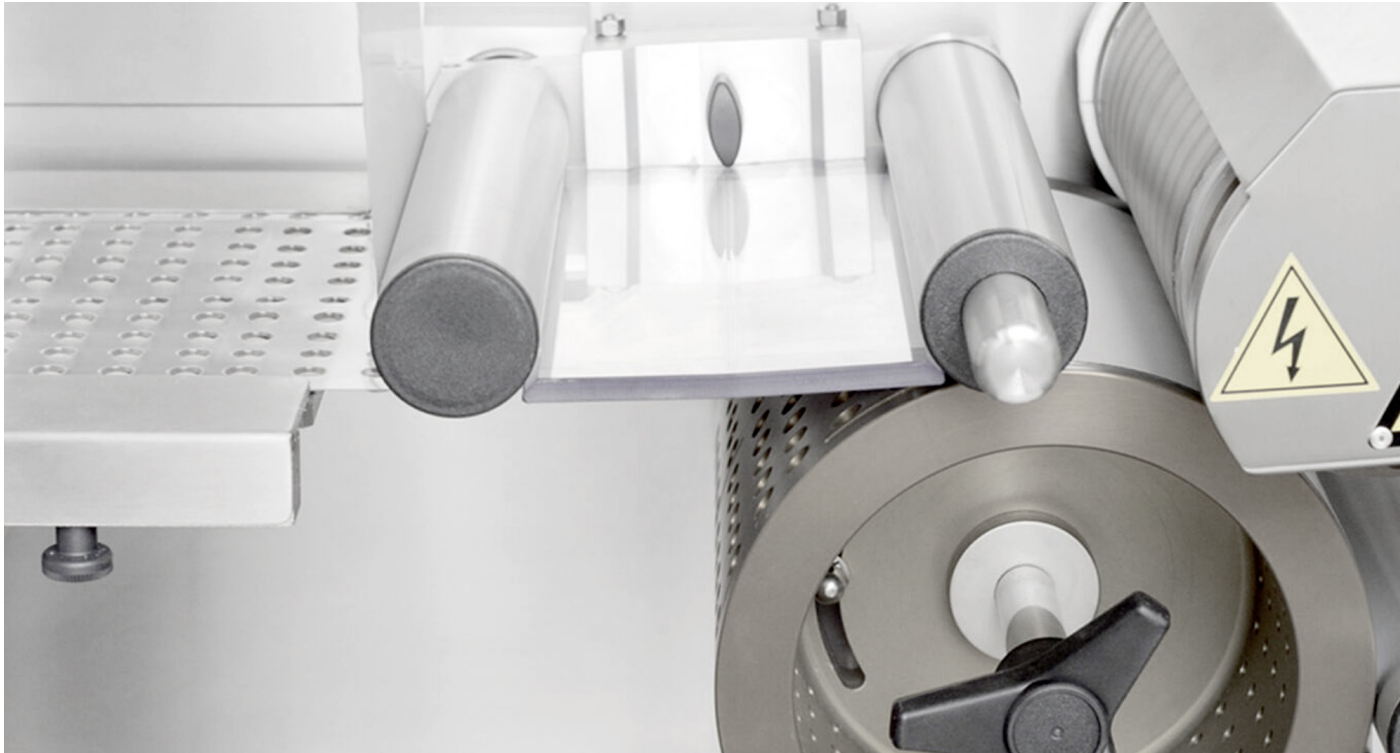
Softgel production is not a single operation, but a continuous process where every phase defines the final result.

From gelatin preparation and fill formulation to encapsulation, drying and inspection, each step is precisely controlled and interconnected.

Built on real manufacturing experience, it is designed to manage this balance with consistency and reliability—delivering high-quality softgels across a wide range of products, shapes and production scales.



Blister packing system



FORMATS
BLISTER



PRODUCTION PHASE
BLISTER PACKAGING



PRODUCTIVITY
UP TO 400 PCS/H

Blisters, made agile.

Blister packaging designed for flexible production. Compact and ergonomic, it adapts to different products, formats and output requirements with consistent quality.

Thermoforming and cold forming technologies support materials such as PVC, PVDC, Alu and Aclar, combined with aluminium lidding.

Suitable for capsules, tablets and softgels, it can be equipped with integrated inspection systems and expanded from standalone units to complete packaging lines, up to case packing and palletizing.



Counting & Bottling system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
SOLID DOSE BOTTLE



PRODUCTION PHASE
VISION-BASED COUNTING



PRODUCTIVITY
UP TO 10.800 PCS/H

Every count. 100% accurate.

Advanced counting systems designed for absolute accuracy in real production environments.

Vision-based technology ensures 100% counting precision with integrated inspection across capsules, tablets and soft-gels.

Built on extensive bottle handling experience, it supports a wide range of containers, closures and configurations, including desiccants and cotton insertion.

From standalone units to integrated monoblocks and complete packaging lines, it delivers a reliable and scalable solution.



Powder dosing system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
POWDER CONTAINERS



PRODUCTION PHASE
POWDER DOSING



PRODUCTIVITY
UP TO 4.200 PCS/H

Powders, under control.

Powder dosing designed around real material behavior. Each system ensures consistent and accurate dosing across both free-flowing and complex formulations.

Built with fully in-house technology, including precision auger systems, it reflects deep expertise in handling powders and optimizing machine design for ease of use and process stability.

From standalone units to complete packaging lines, it supports a wide range of containers and closures—delivering a flexible and reliable solution from primary filling to end-of-line.



Aseptic liquid filling system



FORMATS
VIALS



PRODUCTION PHASE
ASEPTIC FILLING



PRODUCTIVITY
UP TO 12.000 PCS/H

Reliable where it matters most.

Aseptic filling systems designed for controlled sterile production. Engineered to ensure process integrity, they integrate containment strategies, airflow management and dosing technologies tailored to product and process requirements.

Suitable for sterile container applications with validated closing systems, they ensure consistent and reliable performance.

Built with a strong focus on compliance, process control and operational robustness, they provide a dependable solution for sterile liquid filling.



High speed liquid filling system



FORMATS
LIQUID BOTTLES



PRODUCTION PHASE
HIGH-SPEED LIQUID FILLING



PRODUCTIVITY
UP TO 18.000 PCS/H

Combined motion. Extended performance.

High-speed liquid filling and capping systems designed for stable and efficient production.

A combined intermittent and continuous motion extends filling time, enabling higher output, accurate dosing and reliable multi-operation handling.

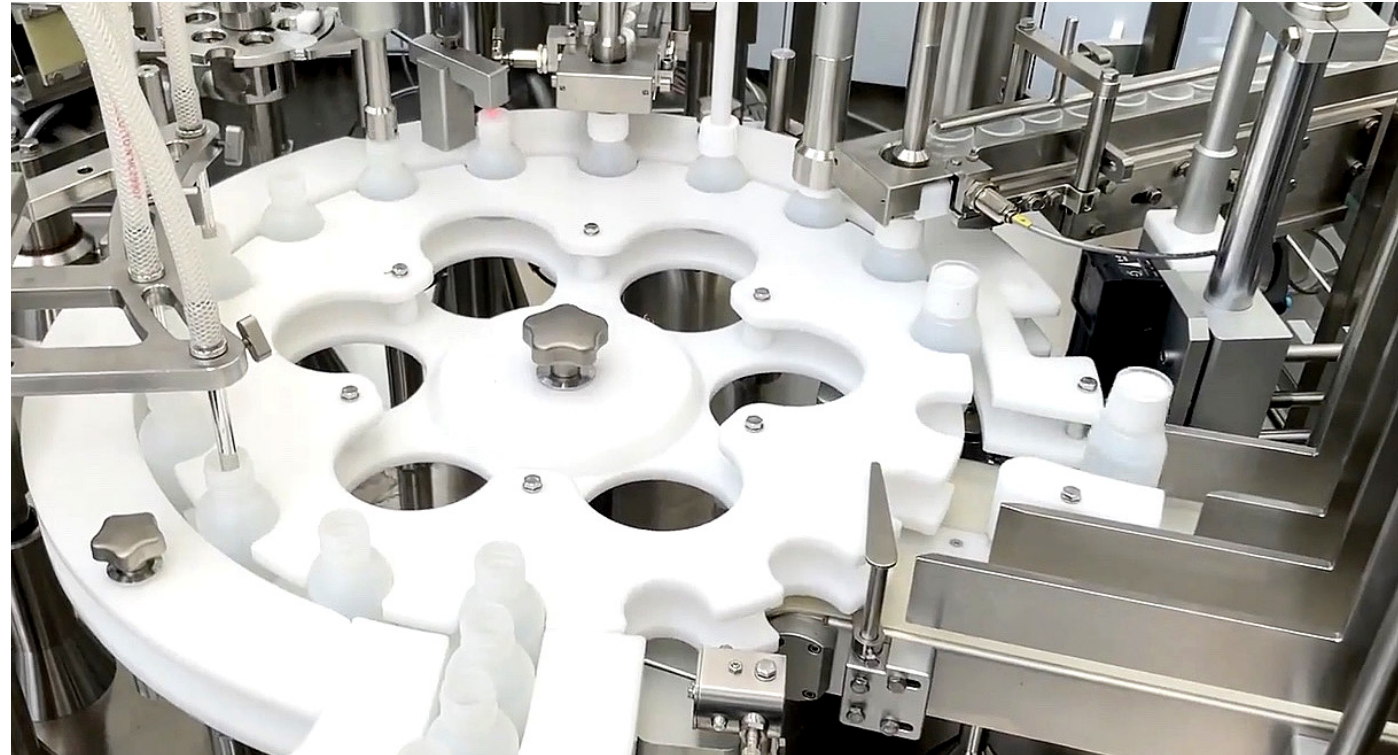
Bottles are grouped and controlled throughout the process, ensuring stability and consistent capping quality.

Built on a robust architecture, the system adapts to different products, containers and closures, scaling from primary filling to complete packaging lines.



Flexible liquid filling system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
BOTTLE



PRODUCTION PHASE
LIQUID FILLING



PRODUCTIVITY
UP TO 4.800 PCS/H

One platform. Endless configurations

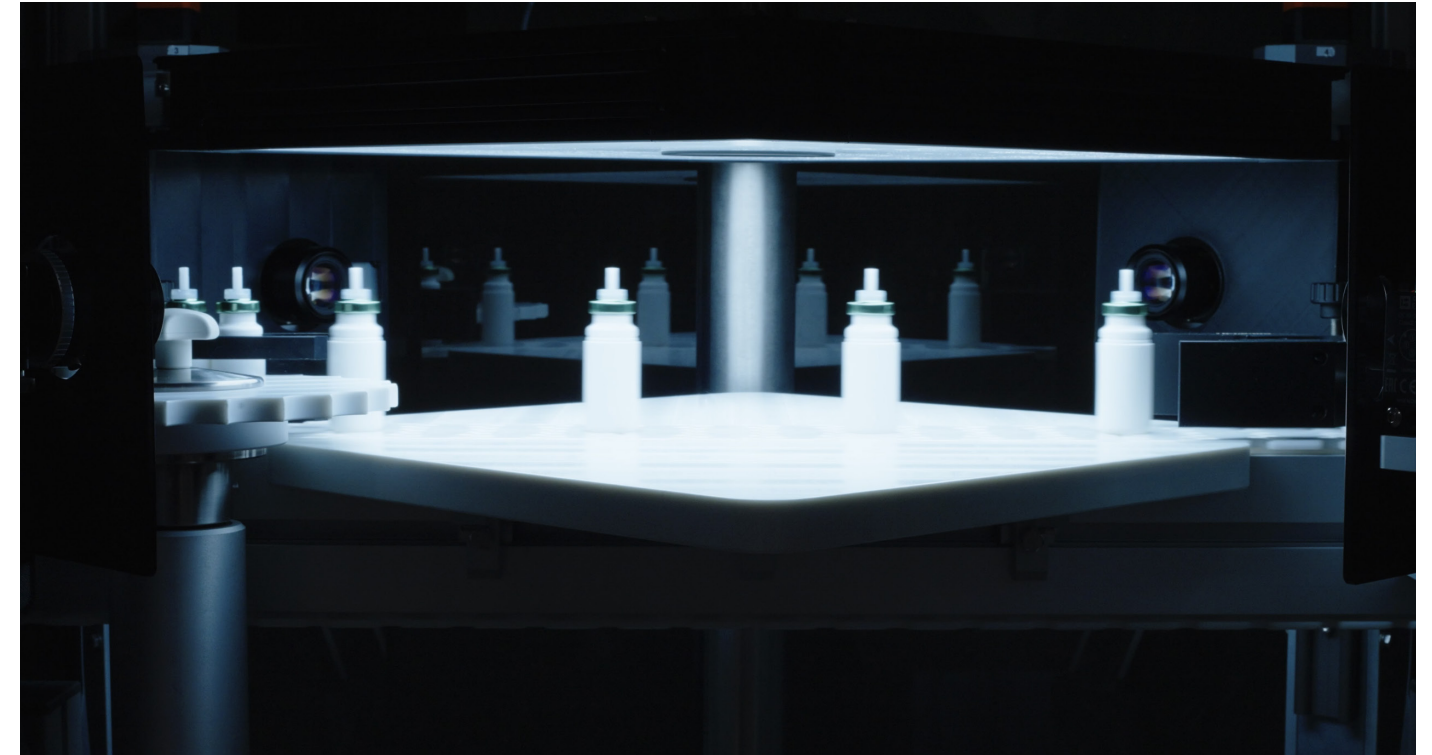
Flexible liquid filling and capping systems designed for maximum adaptability in real production environments. Built on a compact monoblock platform, they integrate multiple filling technologies and up to three capping stations, enabling a wide range of product and closure combinations. From screw caps to droppers, pipettes and spray pumps, each configuration is tailored to specific production needs.

Designed for fast changeovers, reduced footprint and operational simplicity, they deliver a reliable and versatile solution for liquid packaging.



Inspection & vision system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
VARIOUS APPLICATIONS



PRODUCTION PHASE
INSPECTION



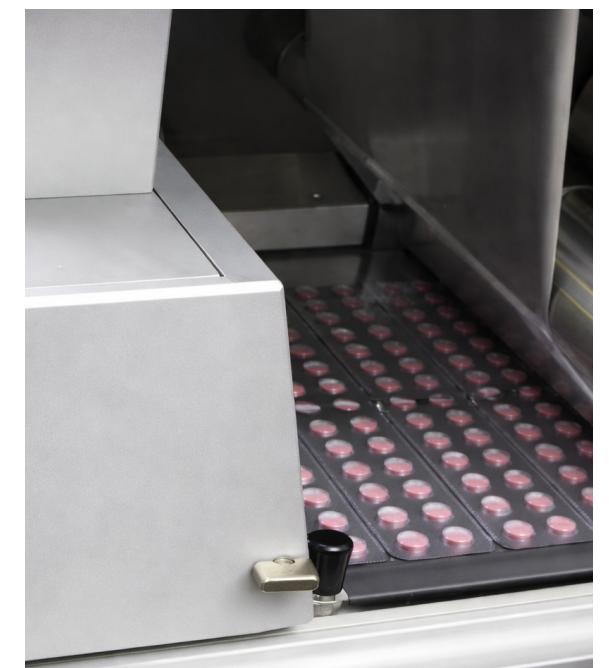
PRODUCTIVITY
TAILORED TO YOUR PROCESS

Tailored to your process

Advanced inspection and vision systems designed to ensure product quality and compliance across the entire packaging process. From 360° bottle inspection to blister control, they detect cosmetic defects, missing components and functional inconsistencies in real time.

Integrating vision technologies, weight control and functional checks, they adapt to different products and applications.

Built for seamless integration within production lines, they provide reliable and consistent quality control at every stage.



Aseptic powder dosing system



FORMATS

STERILE POWDER VIALS



PRODUCTION PHASE

ASEPTIC POWDER DOSING



PRODUCTIVITY

UP TO 12.000 PCS/H

Dosing powders. Precisely.

Aseptic powder dosing systems designed for controlled sterile production.

Based on patented technologies and extensive know-how, they ensure accurate dosing with minimal particle generation and dispersion.

Different dosing principles are applied according to powder characteristics, ensuring reliable performance and process stability in sterile environments.



Diagnostic assembly & pack system



FORMATS

IVD DIAGNOSTIC
CONSUMABLE



PRODUCTION PHASE

DIAGNOSTIC FILLING &
ASSEMBLY



PRODUCTIVITY

UP TO 13.000 PCS/H

Knowledge that makes the difference.

Diagnostic filling and assembly systems developed through real application experience.

Designed to handle a wide range of tubes and sample collection formats—including vacuum tubes, microtubes and swab systems—they integrate filling, dosing and assembly within a flexible and modular architecture.

Built on deep process knowledge, they adapt to different configurations, reagents and production requirements, delivering a reliable and efficient solution for diagnostic packaging.



Cosmetic filling & pack system



FORMATS

COSMETIC CONTAINERS



PRODUCTION PHASE

COSMETIC FILLING & CAPPING



PRODUCTIVITY

UP TO 3.000 PCS/H

Flexible in every format.

Cosmetic filling and capping systems designed to handle complex shapes and premium packaging. They support a wide range of formats—including perfumes, creams, airless systems, nail polish and specialty bottles—adapting to different geometries, products and closures. Multiple handling solutions, including puck-based systems, ensure stable transport and flexibility across production needs. Integrated technologies allow the management of diverse applications, delivering a reliable solution for cosmetic packaging.



Labelling & identification system



FORMATS

LABELS



PRODUCTION PHASE

LABELING



PRODUCTIVITY

UP TO 24.000 PCS/H

Every label, any format.

Labeling systems designed to adapt to a wide range of products, formats and application requirements. From bottles, vials and syringes to cartons and specialty packaging, they support wrap-around, front-back and tamper-evident labeling, as well as booklet and multi-panel solutions. Integrated print and apply technologies enable variable data printing, inspection and serialization, ensuring full control and compliance. Built for flexibility and seamless integration, they provide a reliable solution across pharmaceutical and packaging applications.



Secondary packaging system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
CARTONS



PRODUCTION PHASE
CARTONING



PRODUCTIVITY
UP TO 18.000 PCS/H

Built around every product configuration.

Cartoning systems designed to manage complex packaging configurations across multiple industries.

They handle a wide range of products and components, integrating leaflet insertion, accessories and additional elements within each carton.

Flexible and adaptable, they support different formats and production needs, ensuring product integrity, code verification and compliance throughout the process.



End-of-line packaging system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
CASES



PRODUCTION PHASE
END-OF-LINE PACKAGING



PRODUCTIVITY
UP TO 700 PCS/H

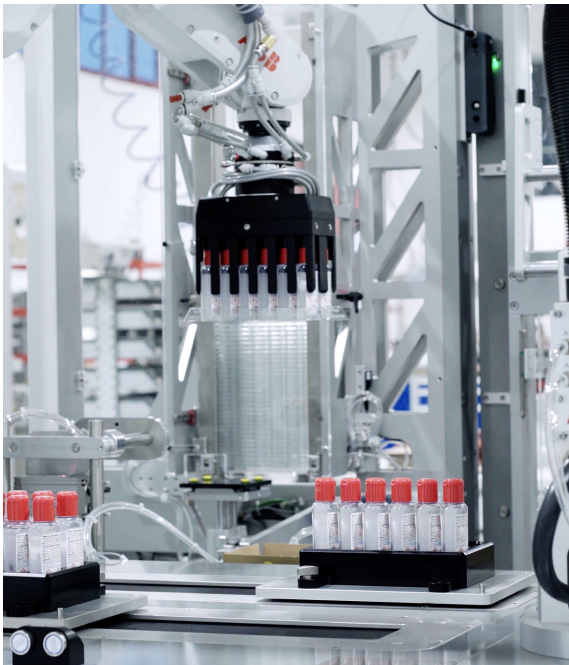
Every case, on its way.

End-of-line packaging systems designed for reliable and efficient product dispatch.

They handle a wide range of configurations, from case packing of cartons and bottles to integrated bundling solutions where required.

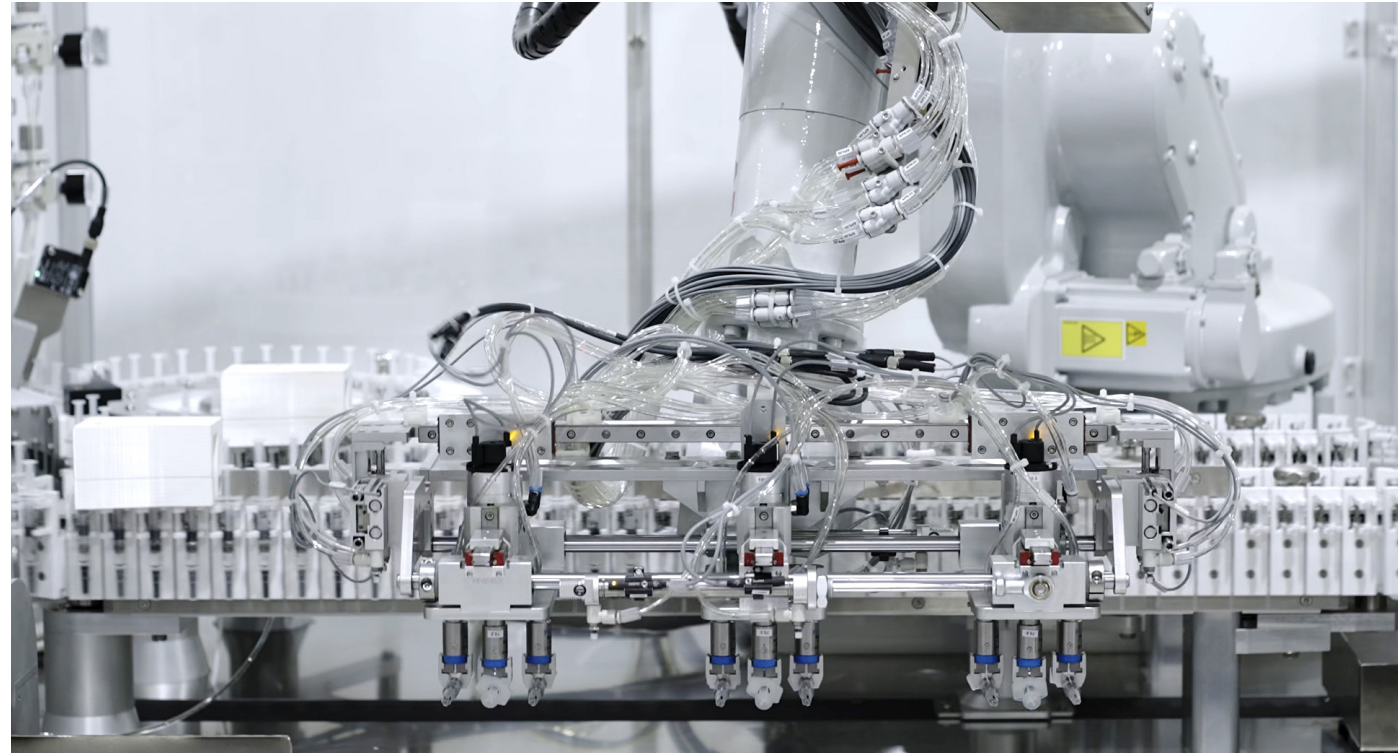
Available in vertical and horizontal layouts, including robotic applications, they support different production needs. Integrated aggregation, print and apply, and palletizing systems ensure process continuity and traceability.

Built for flexibility and integration, they deliver a solution for end-of-line operations.



Robotic handling system

TECNOMACO®
PHARMA PACKAGING MACHINES



FORMATS
ROBOTICS



PRODUCTION PHASE
ROBOTIC HANDLING



PRODUCTIVITY
TAILORED TO YOUR PROCESS

Beyond limits.

Robotic automation solutions designed to enhance flexibility and efficiency across primary, secondary and end-of-line packaging.

From pick-and-place and product handling to case packing and palletizing, they integrate multiple robotic technologies, including SCARA, delta, anthropomorphic and collaborative systems.

Built on strong process knowledge, they ensure seamless integration, safety compliance and reliable performance.

Supported by leading robot manufacturers, they deliver scalable automation solutions tailored to each application.



Assembly system

DESIRO'
GIUSEPPE
FOUNDED IN 1985



FORMATS
CLOSURE



PRODUCTION PHASE
ASSEMBLY



PRODUCTIVITY
UP TO 60,000 PCS/H

Engineered for complex applications.

Assembly and special systems designed for high-precision component manufacturing across pharmaceutical and diagnostic applications.

They handle operations including liner insertion, cap assembly, welding and multi-component integration.

From closure preparation to complex device assembly, they ensure consistent quality and highspeed performance.

Built on deep technical expertise, they deliver reliable solutions for component-level manufacturing, including highly customized applications.



Note

Note



Omnia Technologies - Life Sciences
Via della meccanica, 28
04011 Aprilia (LT) - Italy

Tel. +39 06 9283655

www.omniatechnologiesgroup.com
lifesciences@omniatechnologiesgroup.com