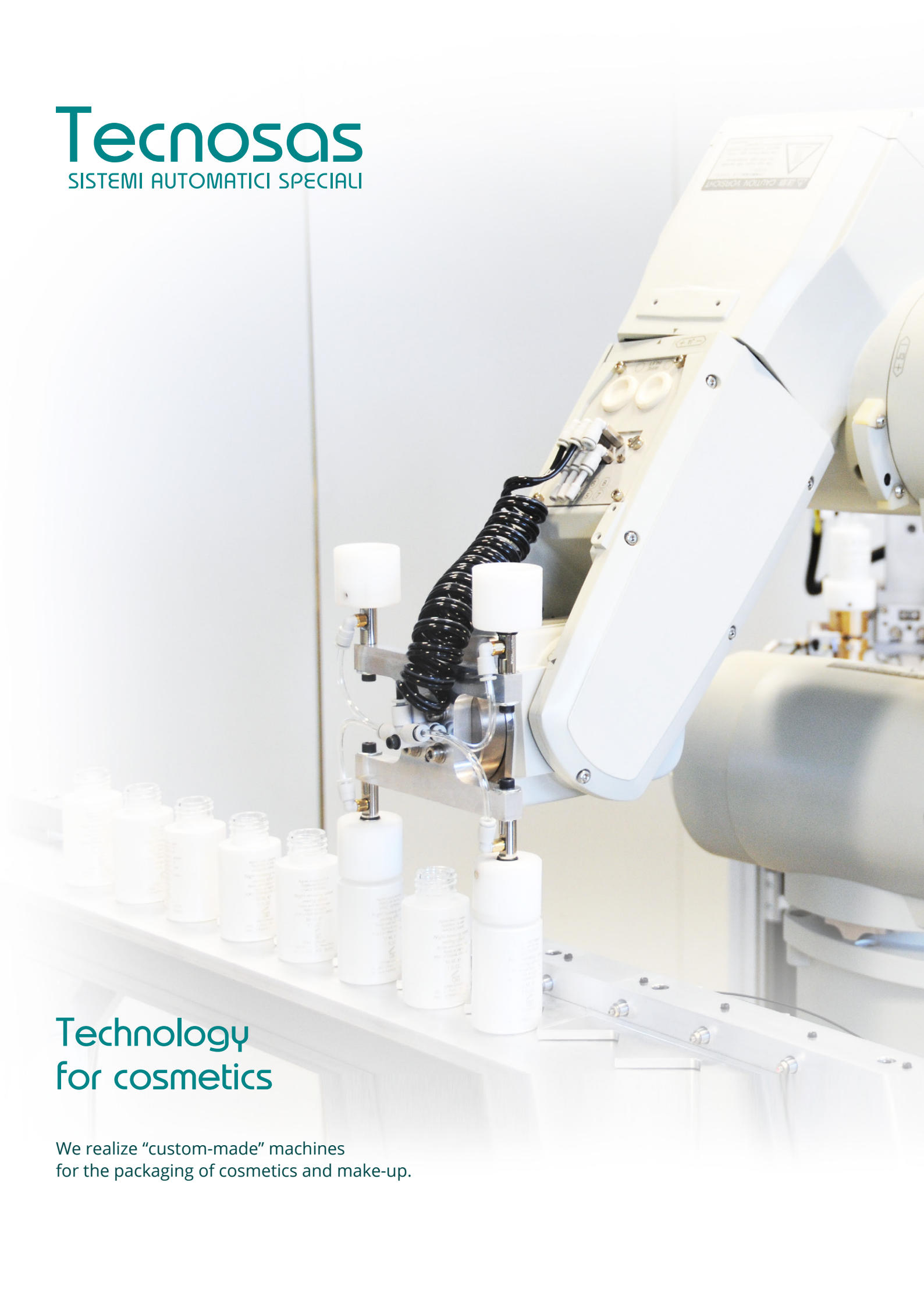


Tecnosas

SISTEMI AUTOMATICI SPECIALI

Technology for cosmetics

We realize "custom-made" machines
for the packaging of cosmetics and make-up.



The machines for the packaging



Technical expertise and craftsmanship, the winning dual concept

In the cosmetics business the packaging is one of the factors which can determinate the success of a product.

At Tecnosas we really understand how it is crucial for our customers to produce the best quality packaging, in conformance with the design, specifically selected for that product, and to keep the productivity high. For these reasons our machines are custom-made according to the clients' different requirements.

We offer our clients our experience by combining technical expertise and craftsmanship.

We provide the most **advanced technological solutions**, co-operating with the customer during the whole manufacturing process of the machine, from the project to the final test and beyond, by supplying a useful support through the after-sale technical assistance.

The company owners personally deal with the customers who find in Tecnosas **a supplier they can trust**, who is reliable and helpful, as well as technically skilled.

Mission

Our team is strongly oriented to the **customer's total satisfaction**, we offer a complete service from the project to the after-sales assistance.

We are artisans with great technical expertise, who make use of high technology thanks to which we create machines that can keep the productivity high, realizing the shape and the decoration **strictly in accordance with their design**.

Working in a field such as that of cosmetics, where the image has almost the same importance as the content, we believe that to satisfy the different, and often complex, expectations of this extremely demanding market, the best solution is to built customized packaging machines for each customer's exigence.

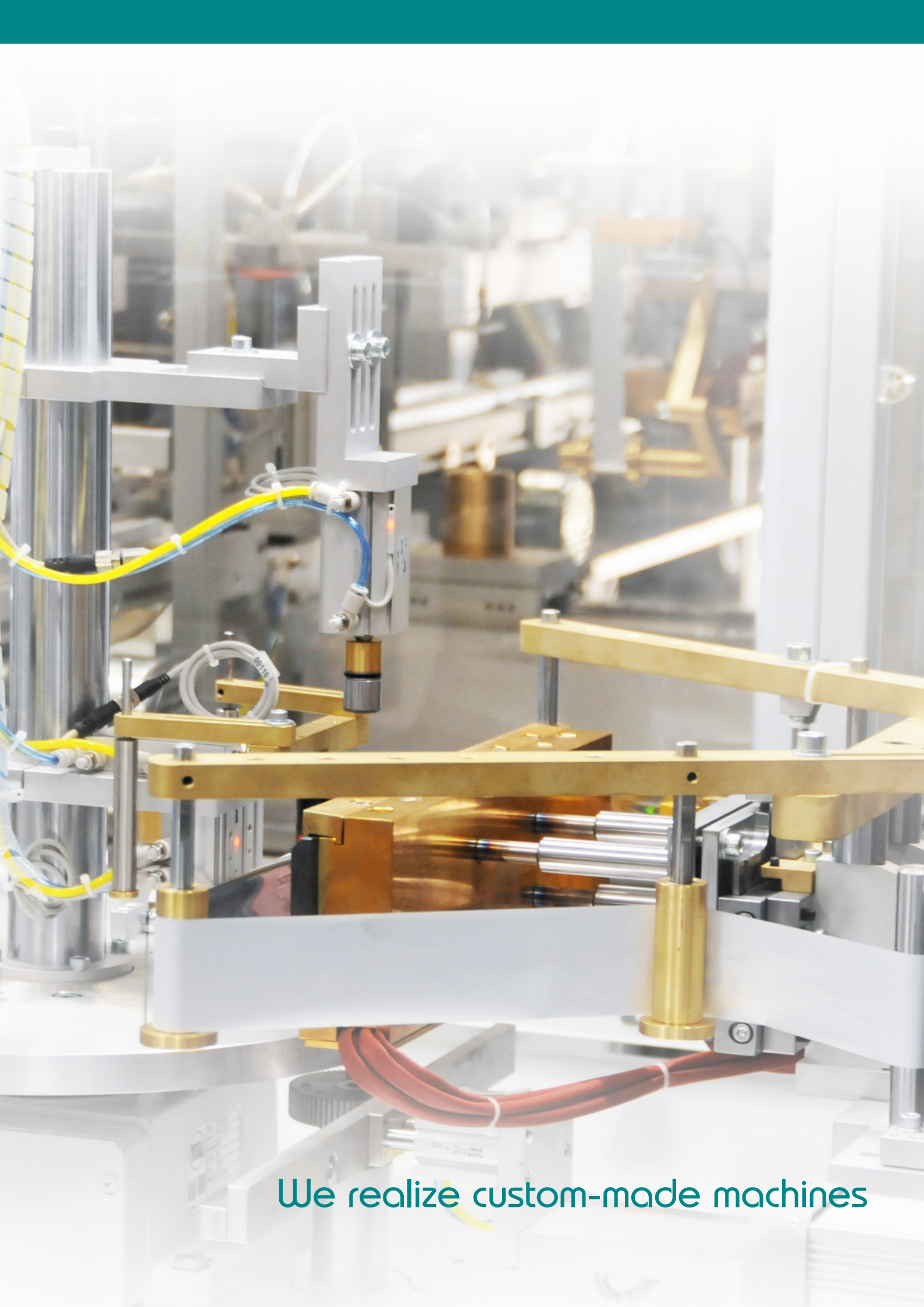
Our specialization

We are particularly specialized in the **production of hot stamping machines**, a field in which the demands of the market can be very different and can present real challenges due to the complexity of the design of the more and more sophisticated packaging, challenges that we are ready to accept because they put our technical and creative capabilities to the test.

The relationship with the customer

We tend to establish a **trustworthy and long-lasting relationship with our customers**.

We prefer to be considered partners rather than simple suppliers, that is why we maintain a familiar structure and an artisan dimension, which enable us to supply a constant attention to the customers and a continuity in the policy of the company.



We realize custom-made machines

Automatic, semi-automatic or manual machines

We always have the most suitable solution for you.

In a sector such as that of cosmetics, where the attention to the aesthetic and to the functionality of the packaging is very high, it is necessary a great technical skill to realize machines which can combine **maximum precision and high performances**.

Our products can satisfy even the most demanding customers, because they are the result of many years of experience and investments, both in technology and in research and development, thanks to which we can offer **a complete range of customized machines and equipments**, that are precise, reliable, highly productive and well-finished even in the smallest details.

Hot stamping machines

Our core business is the projecting and realization of the hot stamping machines, a speciality in which, every time, **high precision, creativity and adaptability** are necessary to suit the design of the various decorations and shapes of the packaging.

Our machines can execute even the most complex manufacturing such as the overmolding with internal decoration.

Types

- Manual machines
- Automatic machines for printing on flat surfaces with 4 load cells (patented)
- Machines for printing on round/elliptic surfaces including text and lines

Manipulators

Cartesian and lateral manipulators for injection presses. Anthropomorphous manipulators.

Refrigerators and ovens

Refrigerators to cool the pieces after the injection press, they are especially recommended for **Surlyn**. Air ovens, particularly suitable to heat the pieces or to dry the silk- screen printed ones.

Palletizing machines

Speed and precision are the main features of our palletizing machines, they **grant excellent performances and reduction of working times**. They load and unload from thermoformed pallets; with rotation and wheel-base recovery.

Electronic compactors for powders

The ideal **machines to compact the powders (blushes, eye-shadows, bronzers etc.)** to be placed in the make-up sets.

Assembly machines

The cap of a perfume bottle can be made up of even 12 pieces that have to be **perfectly assembled**, and, when required, to appear as a single piece, this is an example of what can be achieved with our mechanical and pneumatic assembly machines, which are automatic, with glue, ultrasounds, and vision systems.

Shearing machine for aluminium film

It is indispensable when using an aluminium film as decoration or as a seal of warranty.

Pinning/sticking mirror machines

These machines are suitable for the complete assembly of make-up sets, including the application of mirrors.

They can be **either automatic or manual**.

Painting plants

Our painting plants have small dimensions whereas they allow **great performances**. With metallization in high vacuum, in line, with UV lacquer protection. They are equipped with patented rotary face-plates.

Equipments

We can supply many different types of equipments that can be installed **also in machines manufactured by other companies**:

- Equipments of resin and of metal for hot stamping decoration
- Equipments for assembly and for manipulation
- Equipments for double manipulation inside the stamp

Complete production lines

From when the packaging comes out of the injection press to the end of the production cycle, we will see to it. We can build **complete customized production lines, including conveyor belts**.

Machines for quality control

These small machines are destined to the **quality control of the packaging**:

- Machine for control of micro-holes
- Vision systems
- Orientation systems with camera

Automatic and robotic work islands

Nowadays they are a sound reality, the work islands that we realize are **fully automatic and robotic**.

Technical expertise and craftsmanship



The company

In 1995, The present owner Giuseppe Santagostini, with more than 30 years of experience in the **project and the realisation of machines for the packaging of cosmetics**, founds with his son Luca the company Tecnosas.

During the years, while intentionally preserving a familiar and workshop dimension, the company evolve by investing large resources in **research and development as well as in technology**, keeping up with the times and maintaining a keen attention to the details, that only the most expertise craftsmen can pay to their creations.

We realize custom-made machines for any exigence

Tecnosas' strength is to project and build their custom-made machines according to the most different requirements, putting at the service of their customers **creativity and great technical competence**, which are fundamental characteristics in a complex and extremely exigent field such as that of cosmetics and make-up.

Our core business

During the years, all this allowed to achieve important goals, as to obtain the patent for a new hot stamping machine, which in the meantime became the company's core business, and to further consolidate the company's position in the market, by establishing, through the constant co-operation, a trustworthy relationship with the customers.

The internal workshop

Tecnosas's pride is the internal workshop which is the **"throbbing heart"** of the company and where it is possible to really create custom-made machines. It is quipped with **innovative machineries and technologies** such as the numerical control millers and lathes with which the materials can be worked without damaging any product, here we realize equipments and grips for robots.

The Association "Polo Tecnologico della Cosmesi"

In 2005, Tecnosas is among the first companies to be asked to join the **"Polo Tecnologico della cosmesi"**, an association that brings together the best companies of the cosmetics sector in Lombardy (Italy), and **where the whole chain of this market is represented**: from the bulk product to the filling, from the primary packaging to the secondary one, from the decorations to the labels, from the packing machines to the automatic machines, from the design to the R&D.

Familiar dimension and customer care

Today the company employ 11 persons and some external co-operators **all extremely qualified**, constantly trained, and oriented to the maximum quality of the product and the complete satisfaction of the customer. The owners, following the **best tradition of the family companies**, keep on following all the phases of the production, studying and developing for and with their customers, highly technological and even more productive machines.

Our services

We co-operate with the customer during the whole manufacturing process of the machine, from the project to the final test by supplying a useful support with our severe quality controls, the after-sale technical assistance, the supply of spare parts and the availability of an extensive technical literature.

Quality

The total quality of our machines and equipments is guaranteed by **severe controls** which are internally carried out during the whole manufacturing process. Upon customer's request we supply the **test certificate**.

Technical assistance

The after-sales technical assistance is in charge of **our internal staff**, who have been properly trained in the company and is therefore **highly qualified**.

Spare parts

Our warehouse is equipped with many spare parts according to our customers exigences.

Literature

Extensive **technical literature** and handbooks are at our customers' disposal.

Tecnosas

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To reach Tecnosas you can choose different routes:

- Highway "Autostrada dei Laghi" A8, A26 exit: Sesto Calende, direction: Besozzo SS629, then direction: Laveno-Luino SS394, when you reach Mesenzana turn right, direction: Grantola SP43.
- Highway "Autostrada dei Laghi" A8, Exit: Varese, direction: Luino SS233, when you reach Ghirla turn left, direction: Luino SP43.

www.tecnosas.it

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