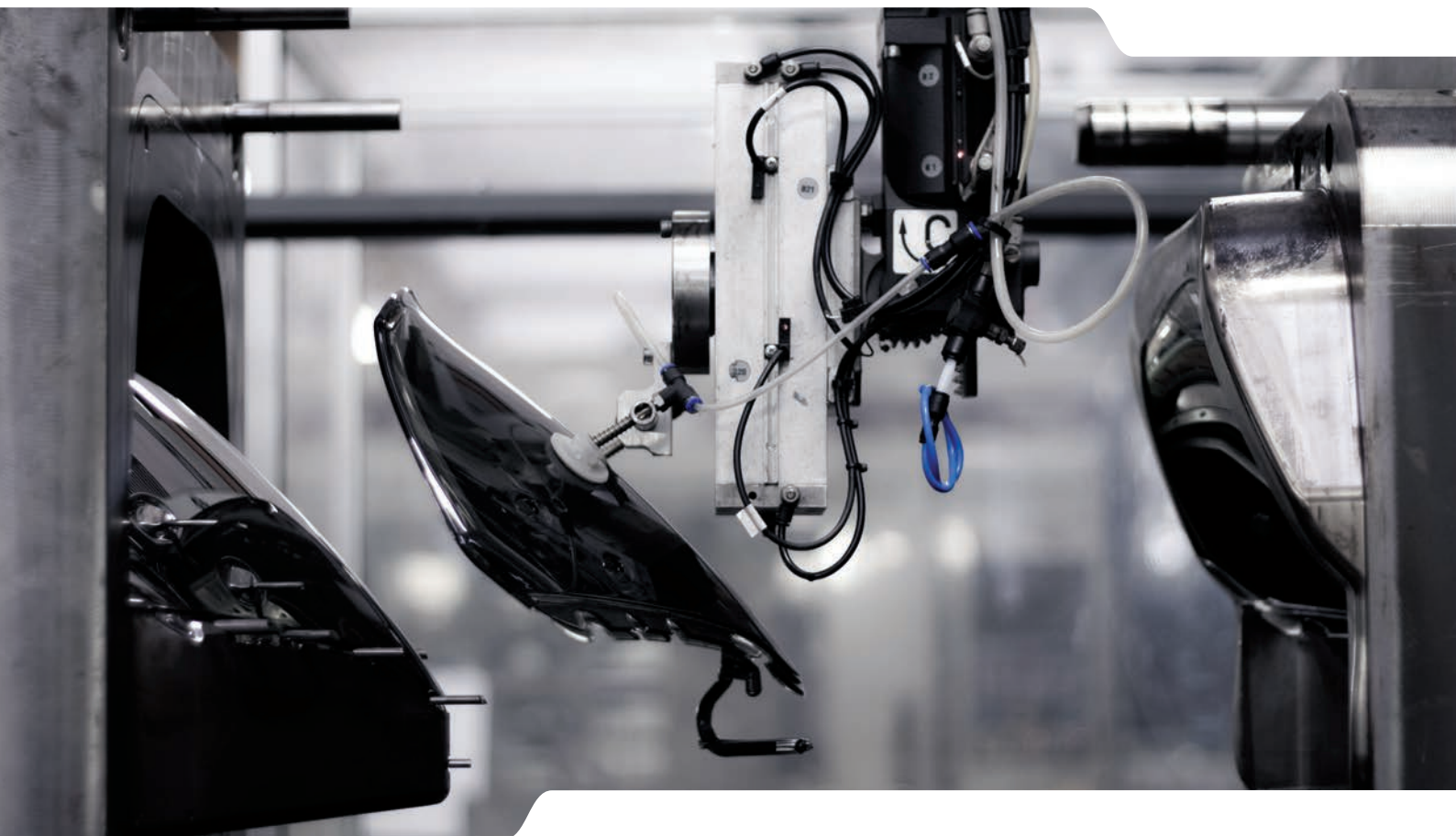


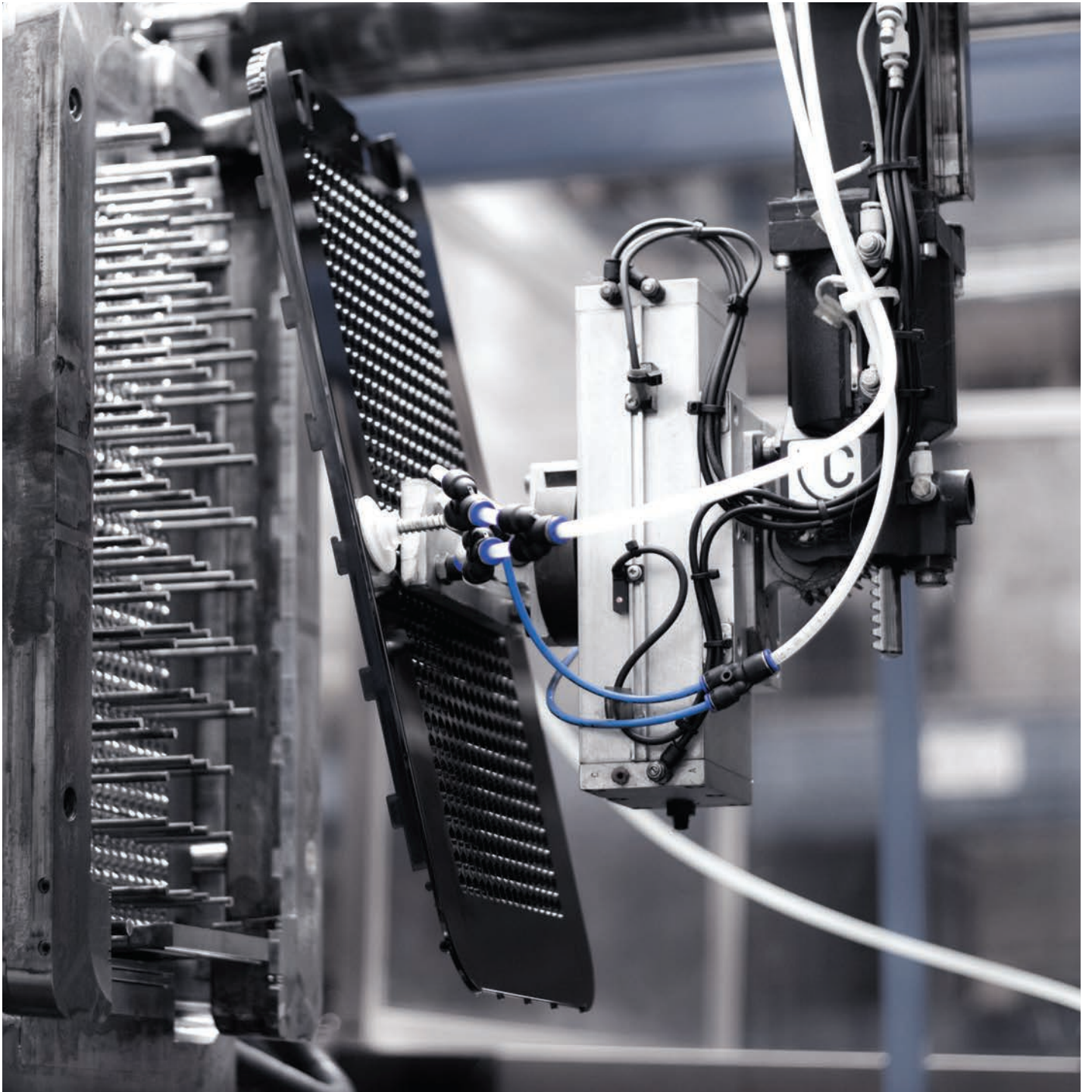


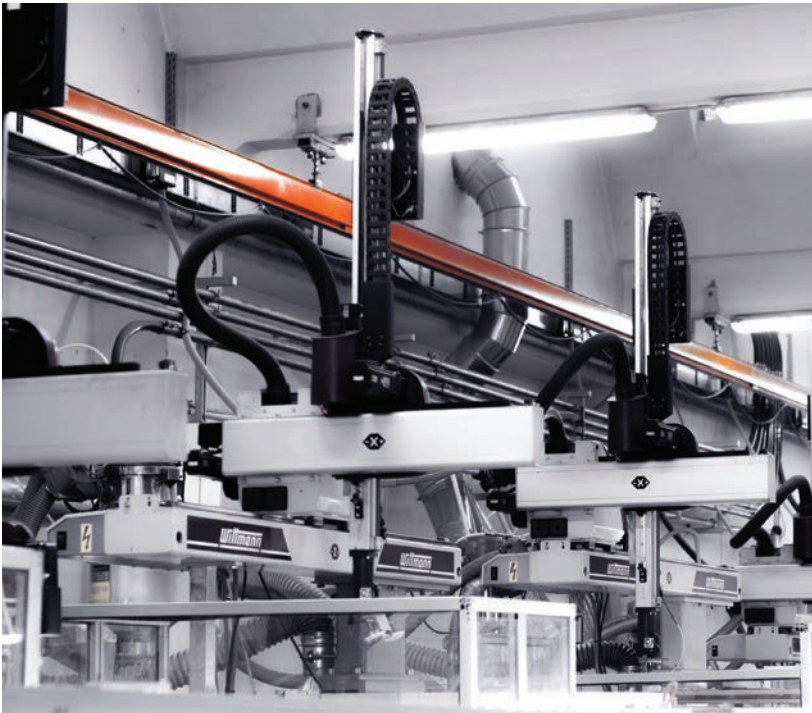
spa stampaggio plastica affini



A modern, dynamic, efficient company

Design, industrialization, and production of components made of thermoplastic materials.





A reliable partner in product industrialization

“
The winning boat has the same wind as the others, but a better crew.
”

SPA - Stampaggio Plastica Affini is a modern, dynamic, efficient company dedicated to the design, industrialization, and production of components made of thermoplastic materials, specializing in the technology of injection molding.

A reliable, efficient partner for the integrated management of all production stages: from component design to moulding, and from the production of plastic components for every field of application to various assembly and post-processing operations.

SPA's corporate structure, the quality and dedication of its employees, their design skills, and their expertise allow SPA to complete complex, technologically challenging projects.

Its level of plant automation and the flexibility of the production system allow the company to create products capable of meeting the highest aesthetic and technical standards.

Corporate structure

The company's corporate structure continuously pursues efficiency.

The production is organized according to an M.R.P. (Manufacturing Resources Planning) approach that allows for managing all the primary processes, supplies, and work orders, in order to optimize the work of everyone involved and to ensure flexibility in planning and punctuality of supplies.

Teamwork, a thoroughly organized production process, and flexible procedures make SPA a company capable of providing quality products at competitive prices with extremely rapid response times.

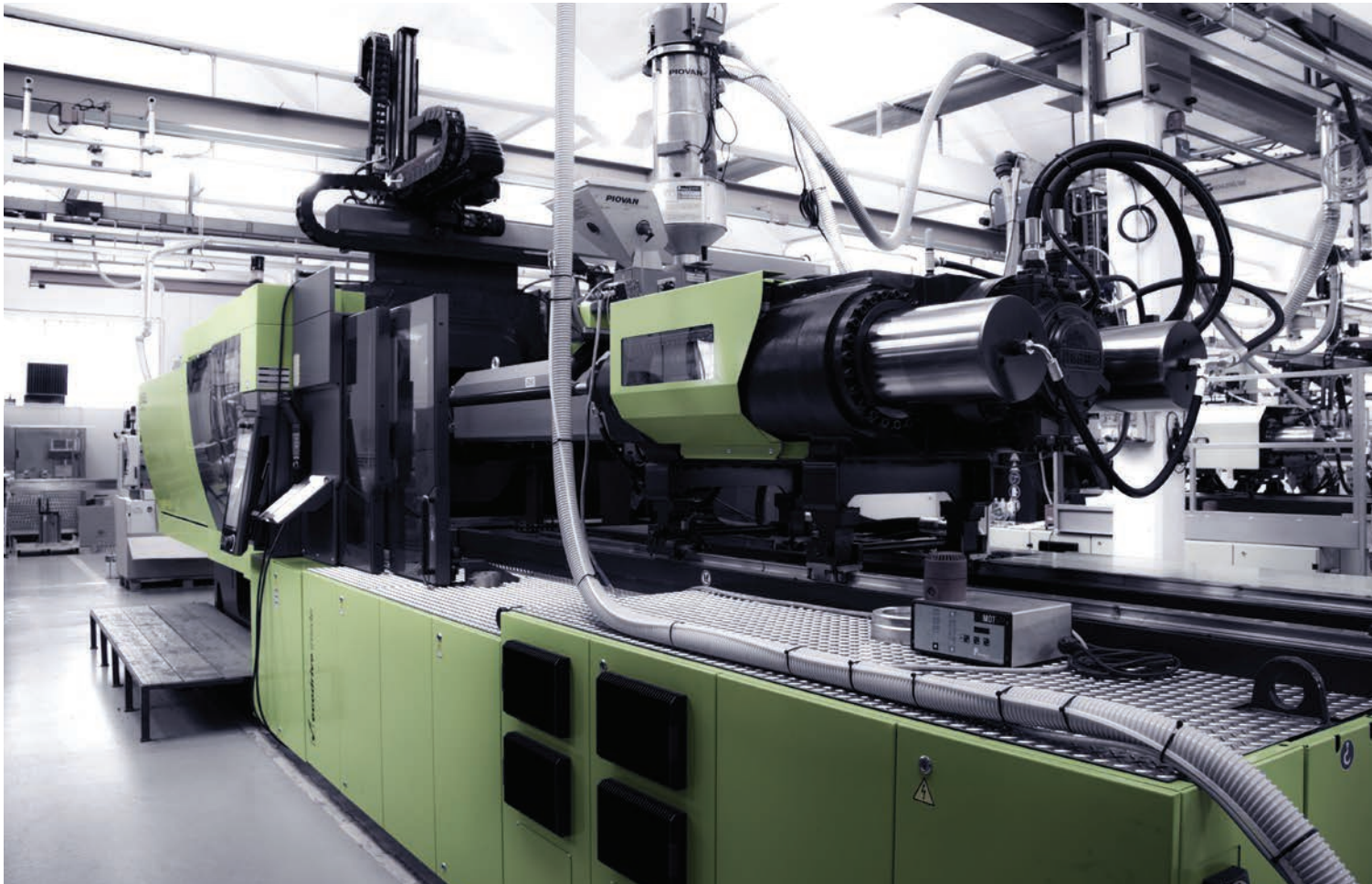


Employee training

SPA continually invests in refresher courses and training for its employees, through vocational training courses, technical seminars, research and development activities, and collaboration with Universities and Research Centres.

Its qualified, specialized personnel is able to ensure effective, comprehensive services throughout all industrial process activities: from the earliest design choices to the most complex post-processing operations.





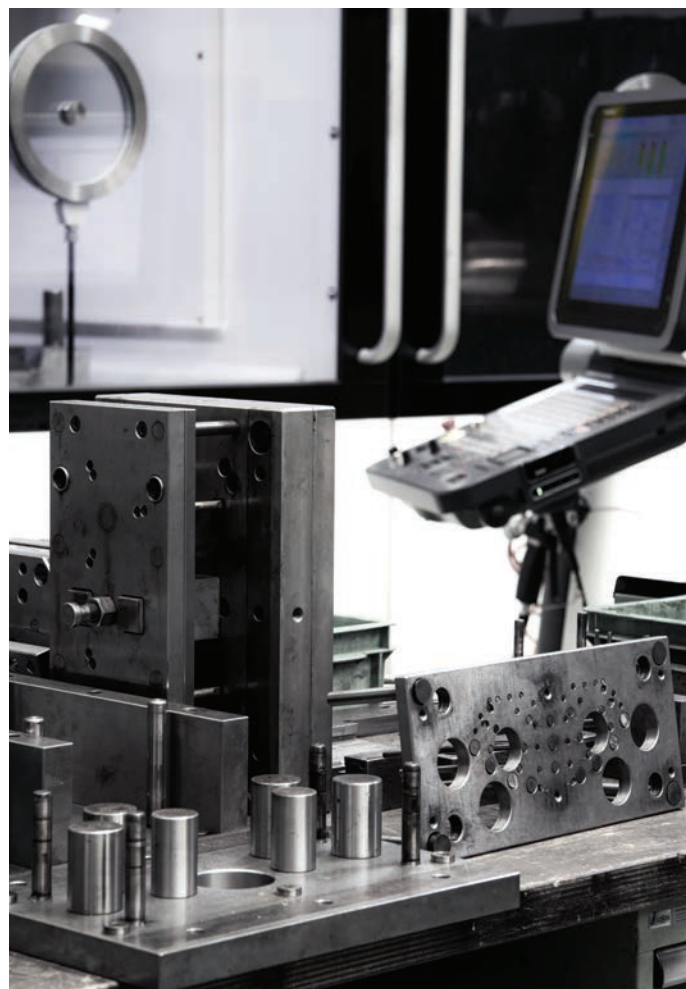
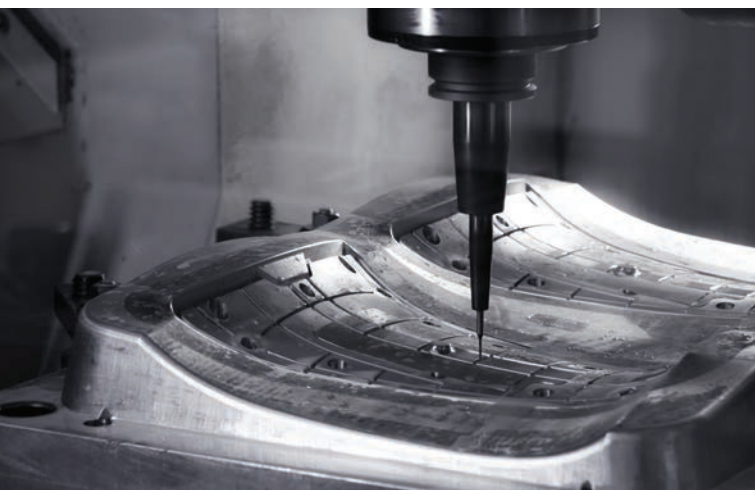
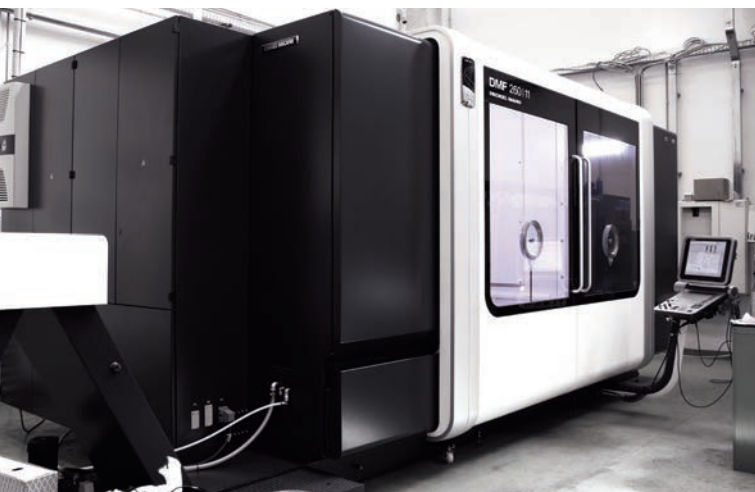
Automation

SPA is a highly-automated company, designed to handle production at every levels, using the most modern techniques. The company boasts a full range of moulding machines equipped with all the technologies currently available on the market.

With a production capacity of over 100 million pieces per year, SPA is able to ensure quality and consistency throughout the production stages.

The machinery is equipped with automatic feed systems, and the moulders are equipped with robots for unloading, post-processing, and packaging activities.

From small sets created using prototypical equipment to large-scale productions created with definitive equipment, SPA turns its versatility into a winning tool.



In-house mould-making department

SPA has its own department specializing in the design and manufacture of moulds that avails itself of the most advanced technologies and top-quality steel. The latest simulation software (Moldflow®) and the most modern rapid tooling techniques allow the department to optimize projects in terms of productivity and of the quality of its finished products.

Equipped with state-of-the-art, 5-axis milling machines network-connected to a CAD-CAM system, the mould shop is able to create the product and the equipment required to produce it.

It also features tooling equipment for the maintenance, modifications, and fine-tuning of all types of moulds.



Experience in post-processing

Following their production, all products are subjected to numerous, continuously evolving, processing operations. SPA has the know-how, the employees, and the equipment to deliver finished products that are ready for the market.

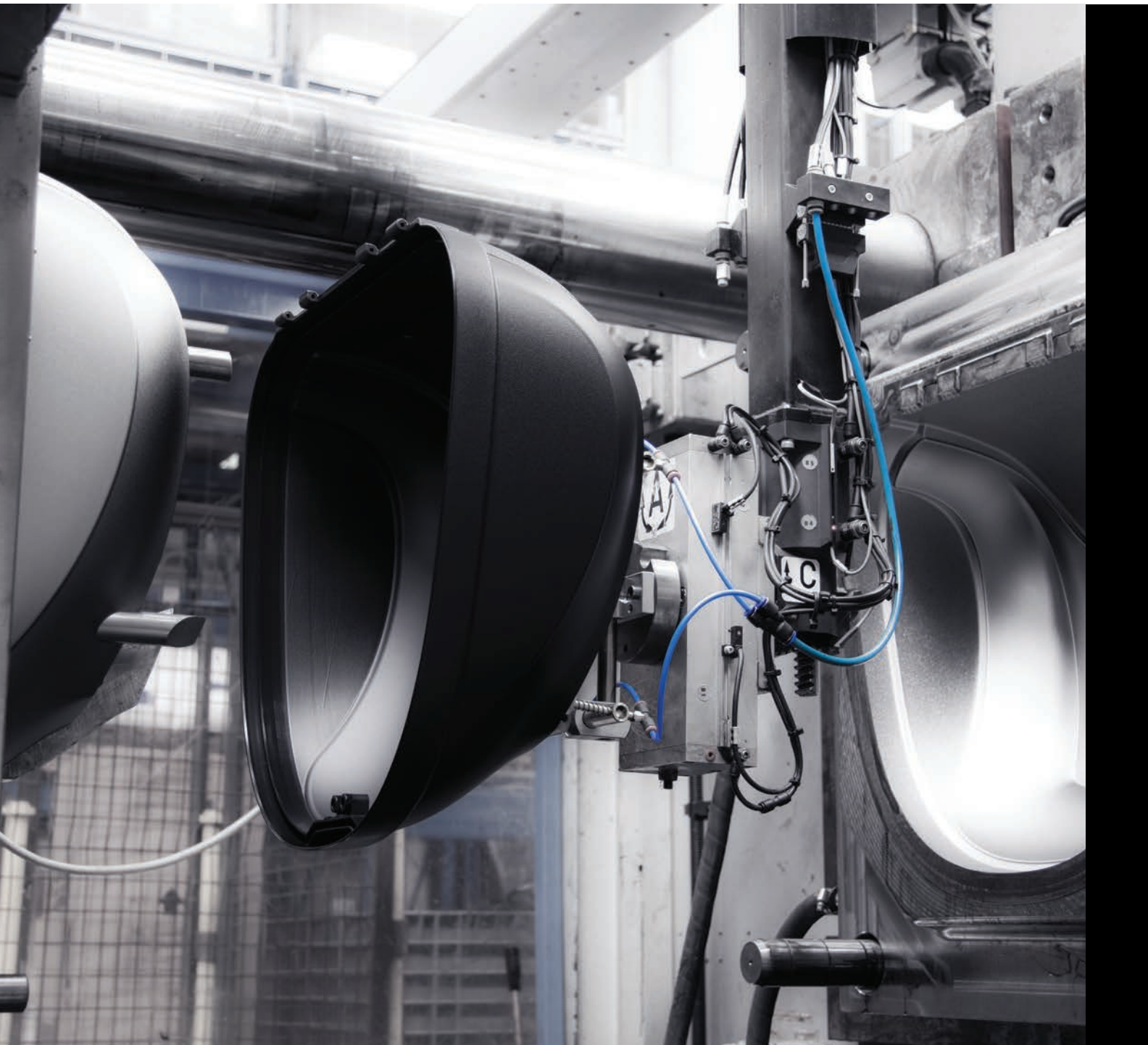
The company has established experience in all the stages of finishing, including machining, assembly and gluing, ultrasonic welding, painting, component assembly, pad printing, screen printing, and all the detailing required by the industrial project.



Creation of patents

An extensive business history, experience in the field, and continuous research into production processes and market demands have led to the creation of several SPA-owned patents.

These innovations demonstrate the company's ability to respond to technical difficulties encountered over the years and to successfully propose continual product improvements.



Solid support in all design stages

“

Having an idea is great. But even better is knowing how to move it forward.

”

Henry Ford

SPA brings your ideas to life by providing you with all the support you need to create them. The company is experienced in assisting and supporting customers during all the production stages of new thermoplastic components, studying the conceptual design, materials, equipment, and most appropriate process solutions.

Developing the product through collaboration with the client allows for fully customizing the part and the mould. In addition to being a true strong point, the company's design skills allow the creation of highly innovative products in a reduced time with a greater guarantee of quality and reliability.



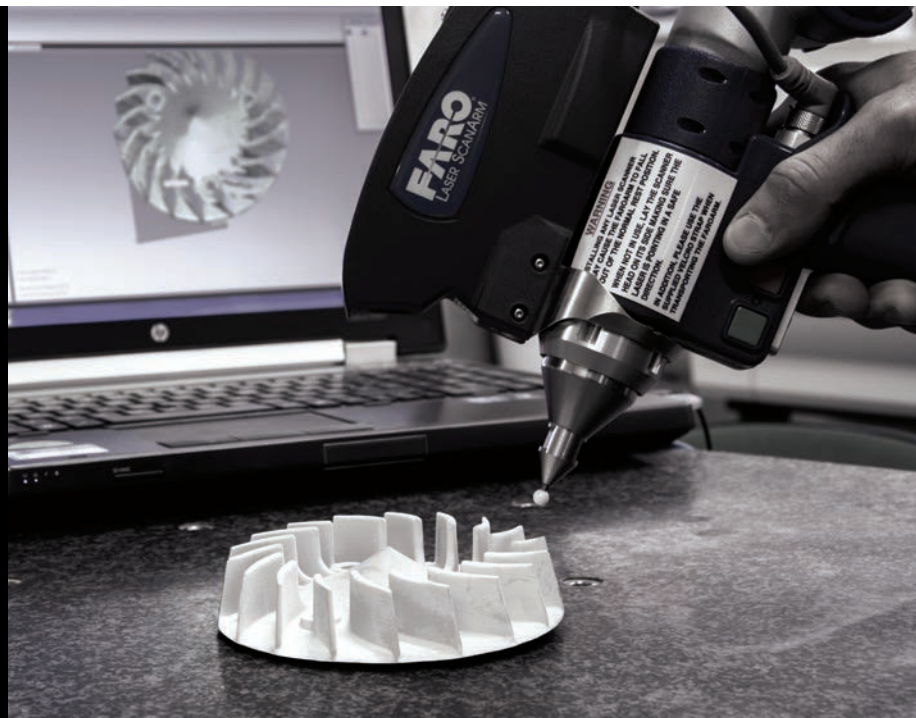
Reverse engineering activities

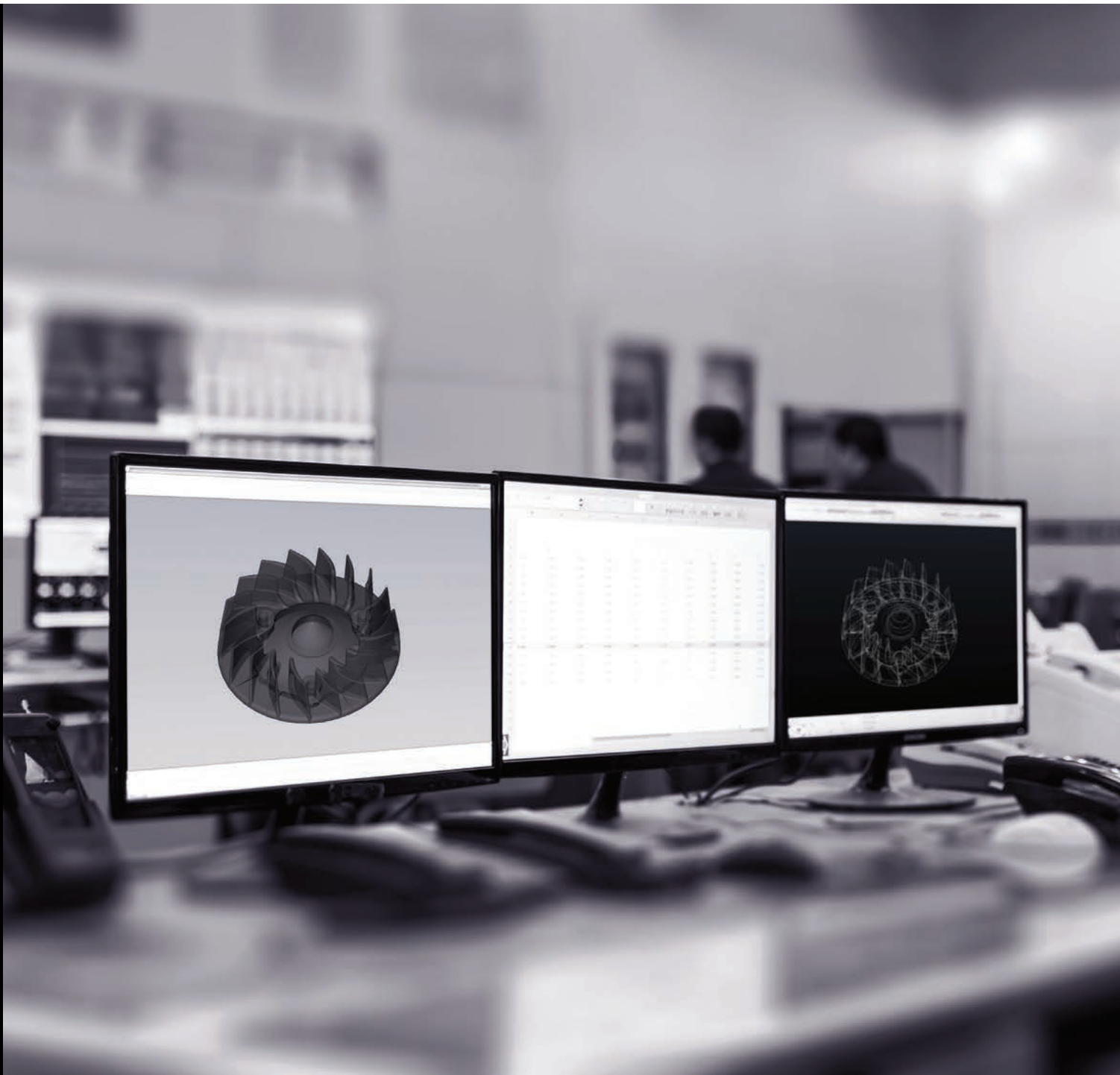
“
Ordinary people look at the new things with old eyes; the creative person sees old things with new eyes.
”

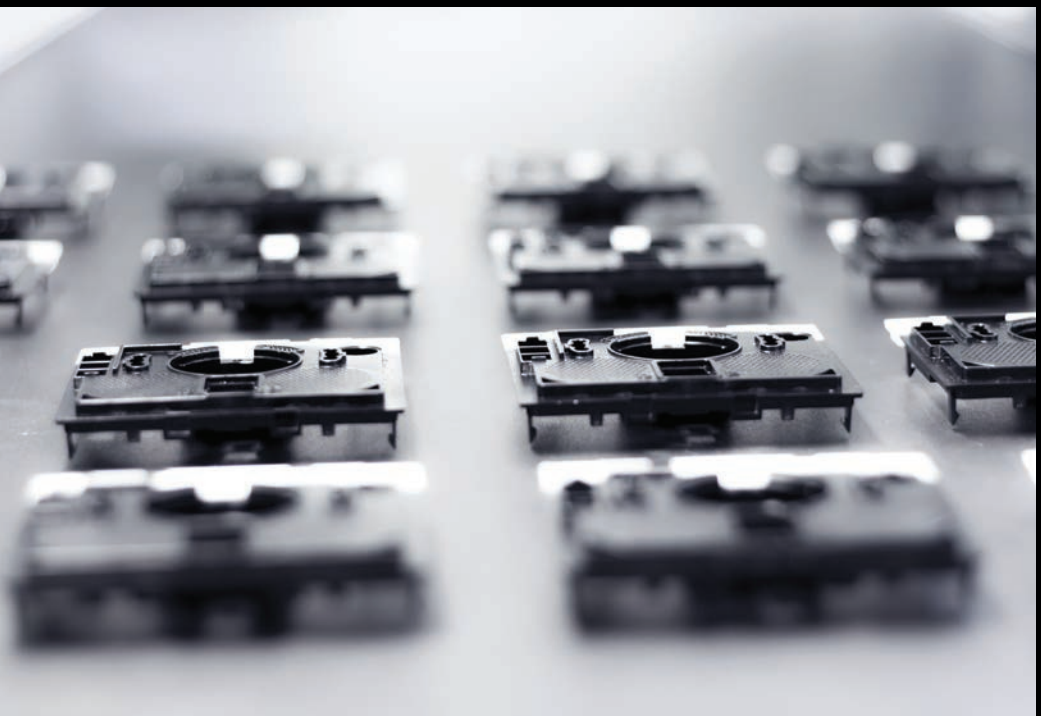
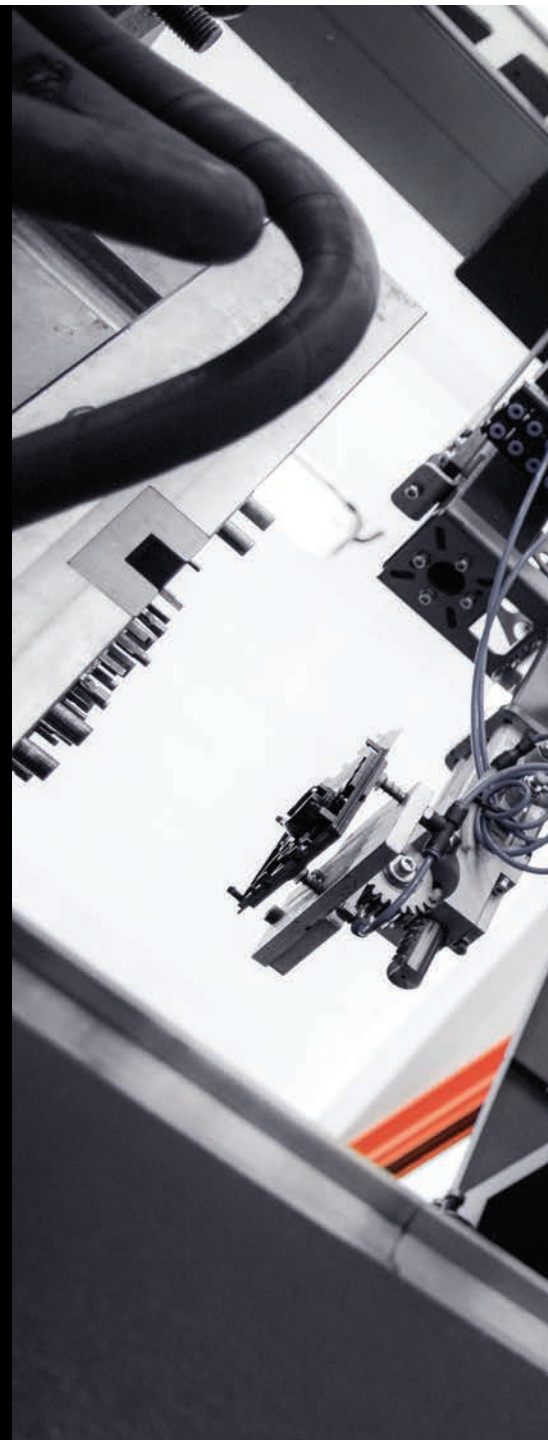
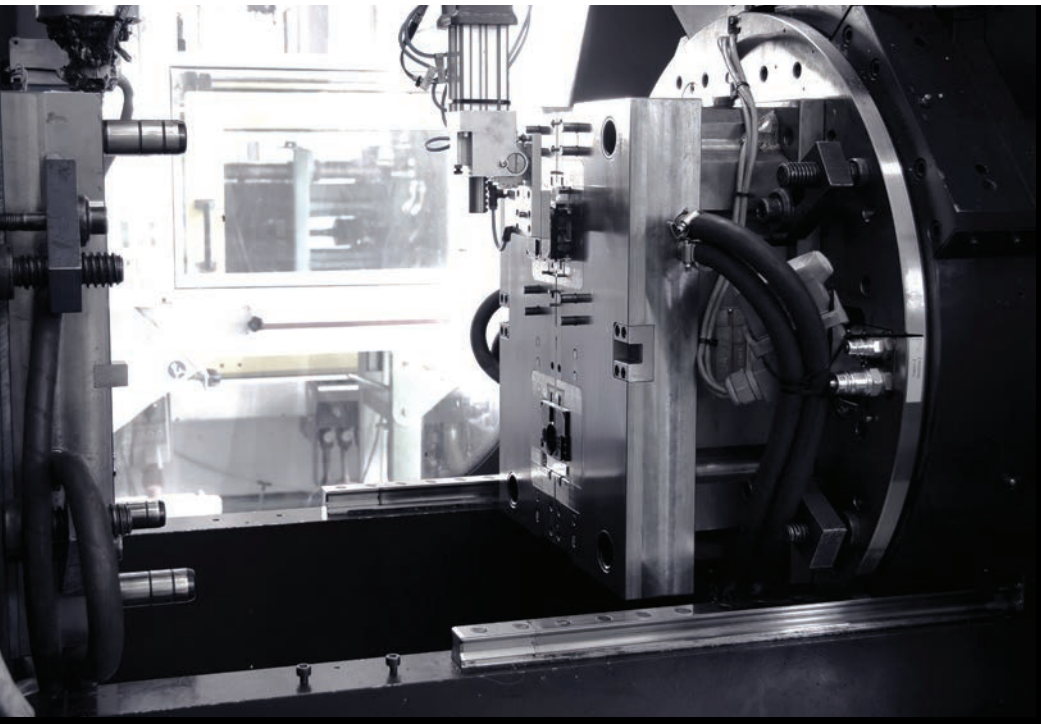
Gian Piero Bona

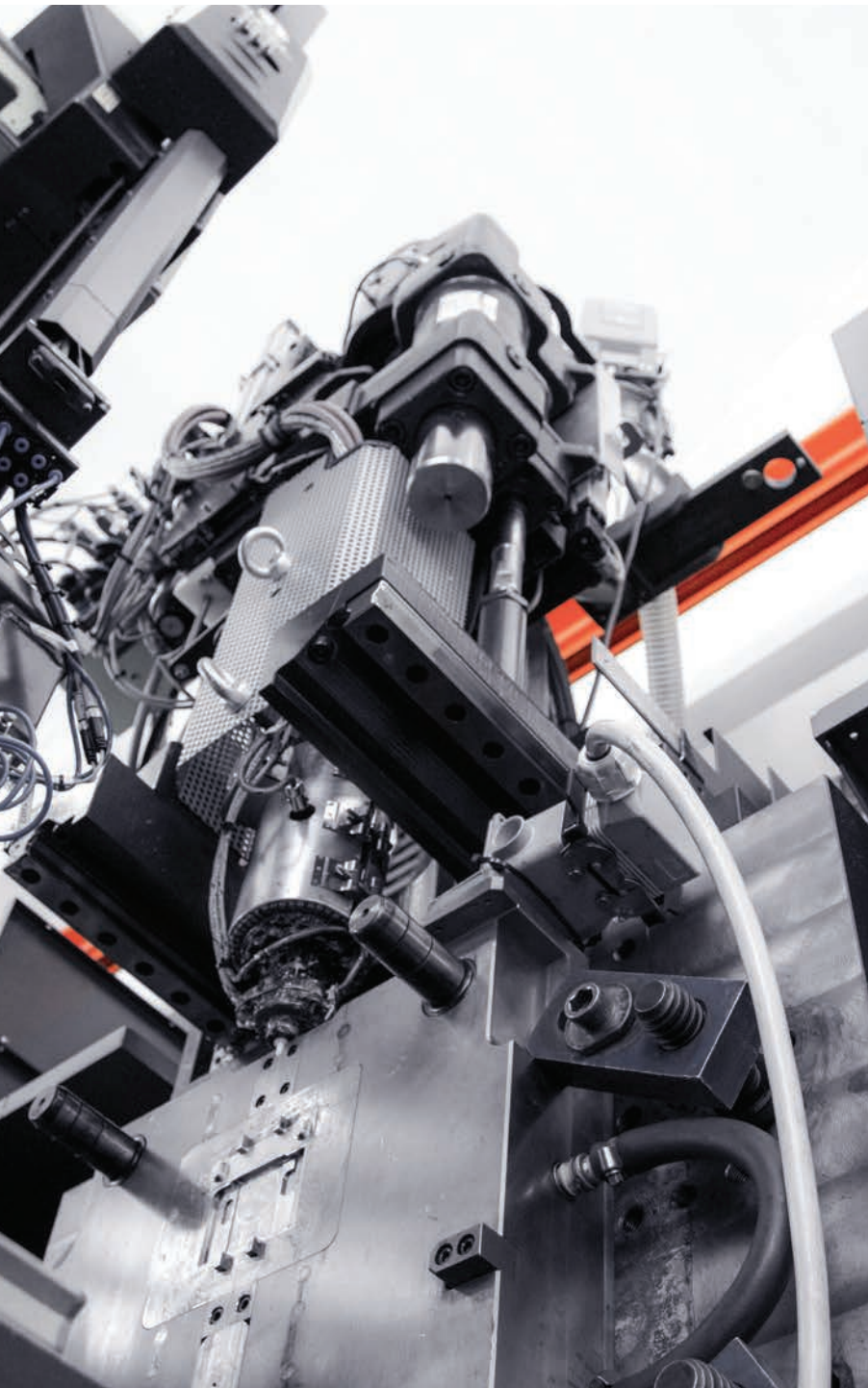
The design department is able to recreate the mathematical models of existing products in a very short time in order to return them to production.

The three-dimensional scanning of a sample allows for re-engineering the product to create a new, improved product that will be more efficient and more economically advantageous.









Managing the process of industrialization

“

*Adapt your techniques to an idea,
not an idea to your techniques.*

”

Bill Bernbach

SPA is able to provide support throughout all the production stages to those clients wishing to produce a specific object or component.

Experience acquired over the years enables SPA to manage the entire process of industrialization, from the development of specific design techniques to the formulation of proposals for how to improve a production process.

Its integrated management of the production plant includes the configuration of process and product systems.

A wide range of specialized expertise in a variety of market sectors

“
I don't want to be a product of my environment. I want my environment to be a product of me.
”

Jack Nicholson, in *"The Departed"*, 2006

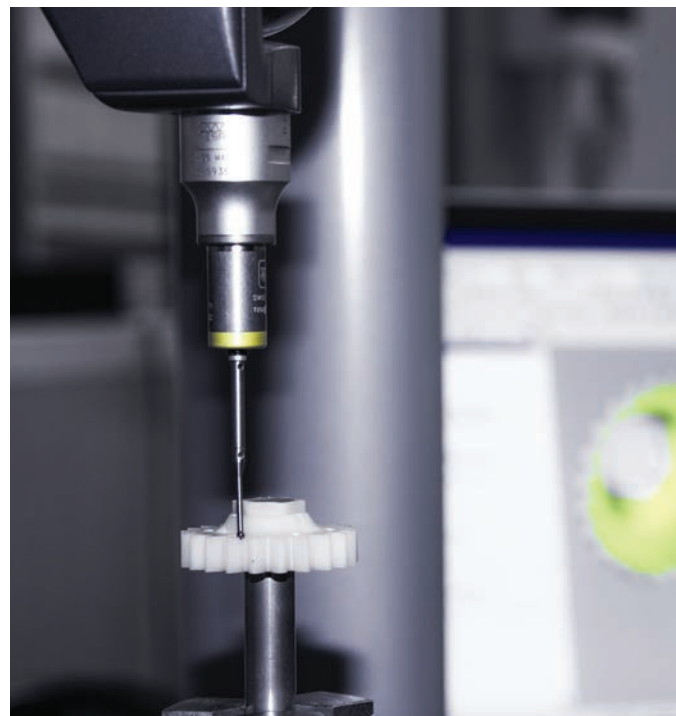
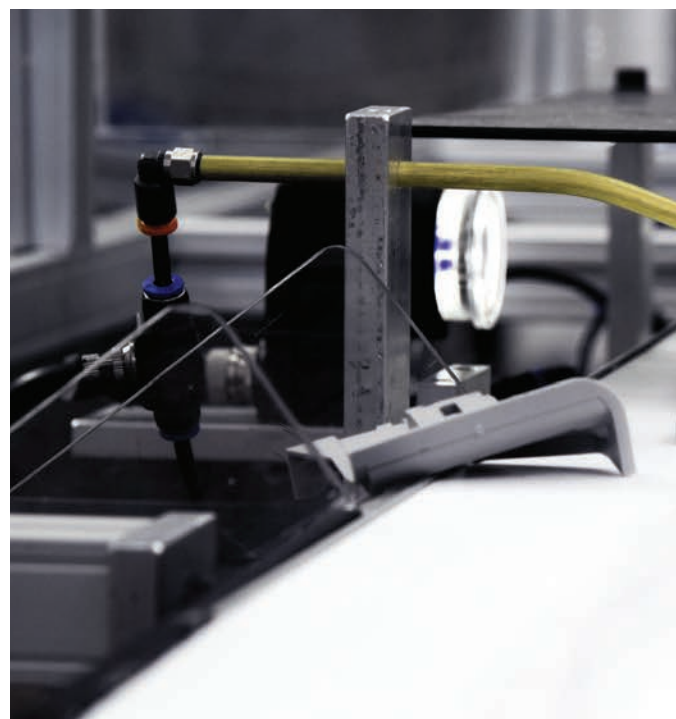
SPA designs and manufactures products and components made of thermoplastic materials for every market sector. It has a long history and a wealth of experience within various industrial sectors with a wide range of applications.

The items it produces can be found in everyday working of life, driving a car, riding a scooter, turning on a light, or even making a cup of coffee!

The primary market sectors in which it works include the automotive, biomedical, communications, electrical components, electronic, electromechanical, and diving equipment industries.









Continuous quality control

“
Quality always represents the wise choice of many alternatives.
”

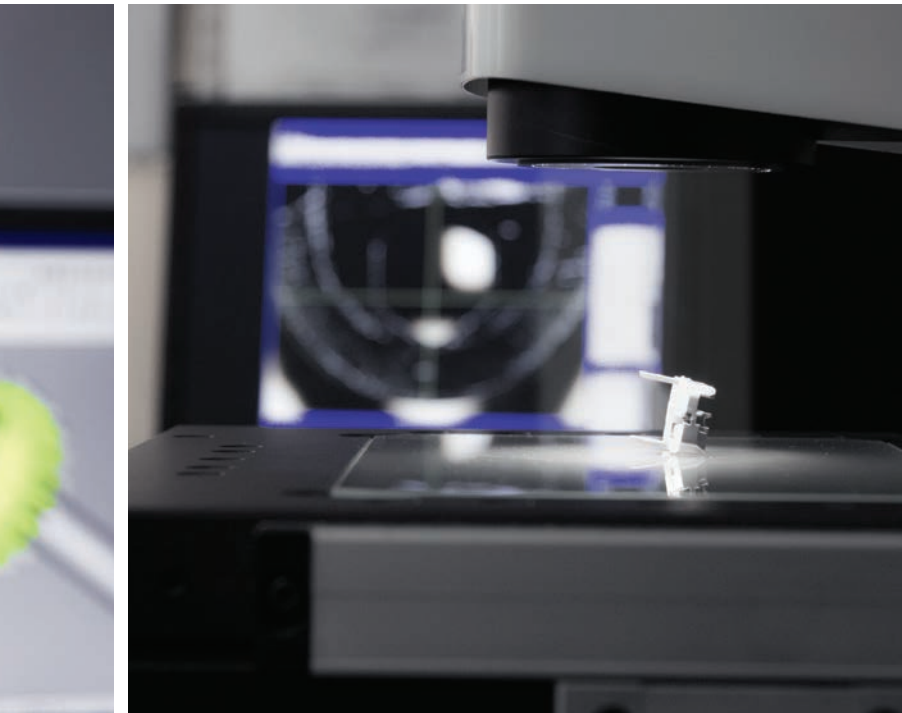
William A. Foster

To consistently guarantee the structural requirements and specifications requested by its clients, SPA avails itself of an in-house quality control department that performs continuous tests on the components.

From the design stage, by means of advanced rapid prototyping techniques, to the production stage, with the use of cameras, through to post-processing, the department carries out non-stop monitoring and testing activities.

Quality management and certification of the components represent an integral element of the production process. The validation of new products is performed by means of the most current methods of measurement, (using optical, contact, and automated digital scanning measuring machines). Paints applied are also tested using state-of-the-art tools, such as spectrophotometers.

SPA operates in compliance with the quality standards set by **ISO 9001:2015** (Certificate no. 9190.SPA1) and **IATF 16949:2016** (Certificate no. 9136.SP&A).



Special attention to environmental issues

“

Treat the earth well: it was not given to you by your parents, it was loaned to you by your children.

”

Masai Saying

SPA has always engaged in seeking out an intelligent point of equilibrium between project economy and environmental impact. The topics of sustainability are among the goals that SPA sets itself every day and effects all stages of the management of its buildings, activities, and production processes.

CasaClima® certification of the offices

SPA pays particular attention to its working environment. Its offices are built entirely according to green building practices with energy certification, as well as CasaClima Gold Nature certification.

A protocol that has made it possible to evaluate and certify the spaces created, not only in terms of energy efficiency, but also with respect to the environment and the health and well-being of our employees. In fact, in addition to meeting the efficiency index for building envelopes and that of CO2 emissions pre-set by the technical guidelines, on its inside, the building complies with precise requirements concerning air quality, natural lighting, and acoustic comfort.

A hanging garden was chosen for the roof covering, which, among its many advantages, increases the lifespan of the waterproofing system by providing protection against UV rays, intense temperature changes, hail, and deposits, while also improving protection against extreme temperatures.



For more information, visit:

www.agenziacasaclima.it

Or click on the QR Code to access the page dedicated to SPA.



Eco-sustainability of the production plants

SPA is a green, zero-emissions company: all production systems are closed-loop and release no emissions into the atmosphere.

Their temperature management systems allow for optimizing their energy consumption. In addition to contributing to the performance requested by our clients and to meeting product requirements, continuous research into the best raw materials available on the market contributes to the sustainability of the entire industrial project.



Regeneration of production waste

Using the most cutting-edge technologies available, SPA is able to contain the manufacturing costs of finished products while reducing their environmental impact by regenerating the production scraps.

The production facilities include special granulators for recycling scraps, when requested by the project specifications.

The recycling and regeneration of production scraps takes place directly at the moulding machine.

Possibility of using recycled plastics

SPA has the technology necessary for using plastic materials derived from external recycling processes.

Since 2011, it has manufactured an entire line of products from recycled plastics, transforming waste into production resources and contributing to minimizing the impact of plastics on the environment.



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ISO
9001:2015



IATF
16949:2016