



Your Trusted Partner in Moulds for Rotational Moulding

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WELCOME TO OUR COMPANY

Boca establishment, located in **San Pietro Mosezzo (NO)**, covers an area of 8,500 square meters and employs more than 50 workers.

Thanks to last generation **CNC milling machines** and high-quality standards in our processes, Boca has become a partner of well-known and exclusive producers in design, furnishings, automotive, lighting, nautical sectors, as well as medical equipment and eco-solutions.

Boca's organization allows us to support our customers from the initial project, drawing, or 3D simulation to the realization of the final product. A point of pride for the company is our after-sales technical assistance, which makes our customers feel like **our first priority**.

We are **ISO 9001 Quality Standard certified**, thanks to a management system that aims to grow in competitiveness, knowledge, product quality, and customer support worldwide.

OUR HISTORY



1971

Established in 1971, Boca began as a wood pattern producer for foundries, evolving to invest in technology and personnel to meet changing customer needs.

1990

In the 1990s, Boca opted to invest and expand its expertise in producing rotational and thermoforming molds, as well as molds for composites, swiftly becoming a leading producer in Europe.

2000

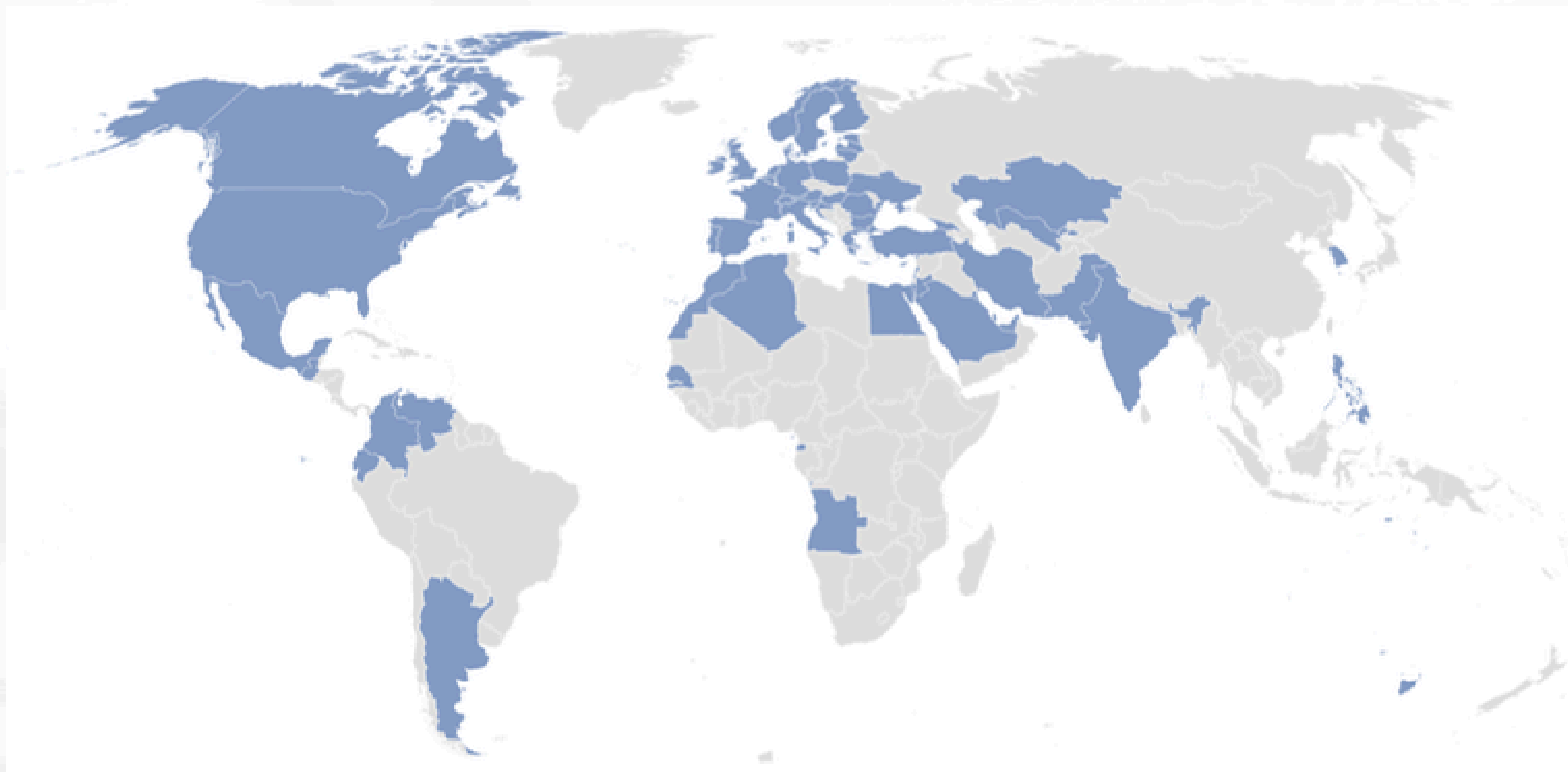
In the 2000s, Boca decided to broaden its offerings in rotational mold production by establishing a dedicated department for manufacturing steel molds.

TODAY

Today, with 50 years of experience, the company continues to invest in technologies, software, and training programs to enhance customer support and efficiency.



OUR MARKETS





WHAT CAN WE DO FOR YOU?

OUR COMMITMENT TO YOUR SATISFACTION

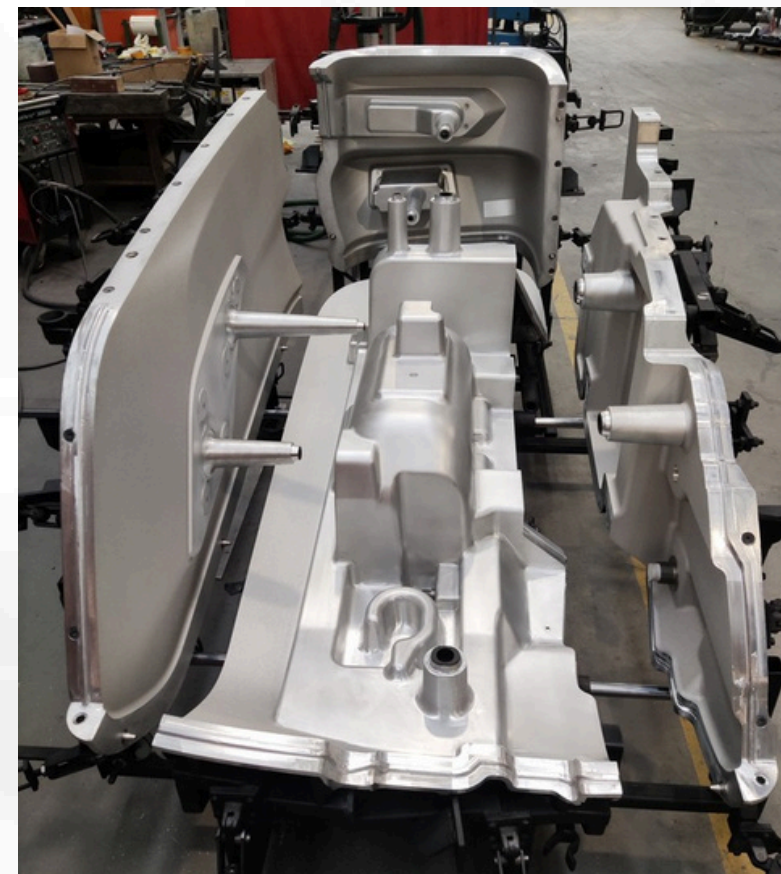
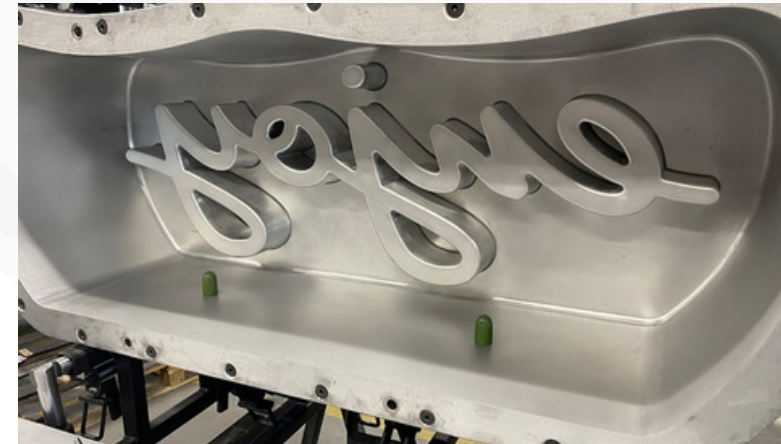
CNC ALUMINIUM MOULDS

High-precision CNC Machining

Aluminum molds are internally machined by using a machine park consisting of 8 CNC machines, with the assistance of a dedicated team of highly skilled personnel. This team handles manual processing and performs final quality checks before delivering the molds to the client.

Versatile Finishing Options

Clients have the flexibility to choose from a wide range of finishes for each mold, including polished or smooth surfaces, as well as finishes that accurately replicate materials such as wood, concrete, or rock.



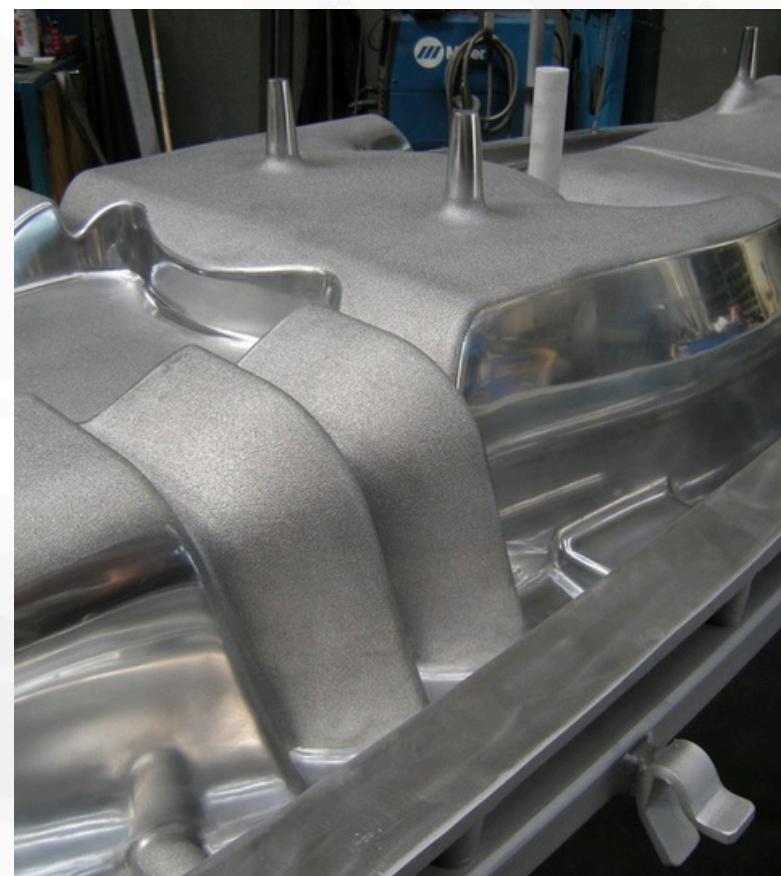
CAST ALUMINIUM MOULDS

Casting

We design and manufacture aluminum molds specifically for casting processes. The aluminum mold is meticulously crafted starting from the model, constructed in our in-house Modeling department, and then casted at our exclusive foundry. This ensures porosity-free castings with controlled thicknesses.

CNC Reworking

The aluminum mold undergoes internal reworking using latest generation 5-axis machinery if necessary, or it moves directly to the dedicated department that handles the entire processing and finishing process. This meticulous approach ensures high-quality molds ready for production.



STEEL MOULDS

Steel Molds Department

To offer a comprehensive range of solutions, Boca has a dedicated department for constructing sheet steel molds of any size and complexity, ensuring nonporous welds and meticulous finishes. Customers receive guidance in selecting materials and optimal solutions from Boca's technical team, adhering to the company's high-quality standards.

Production and Technical Support

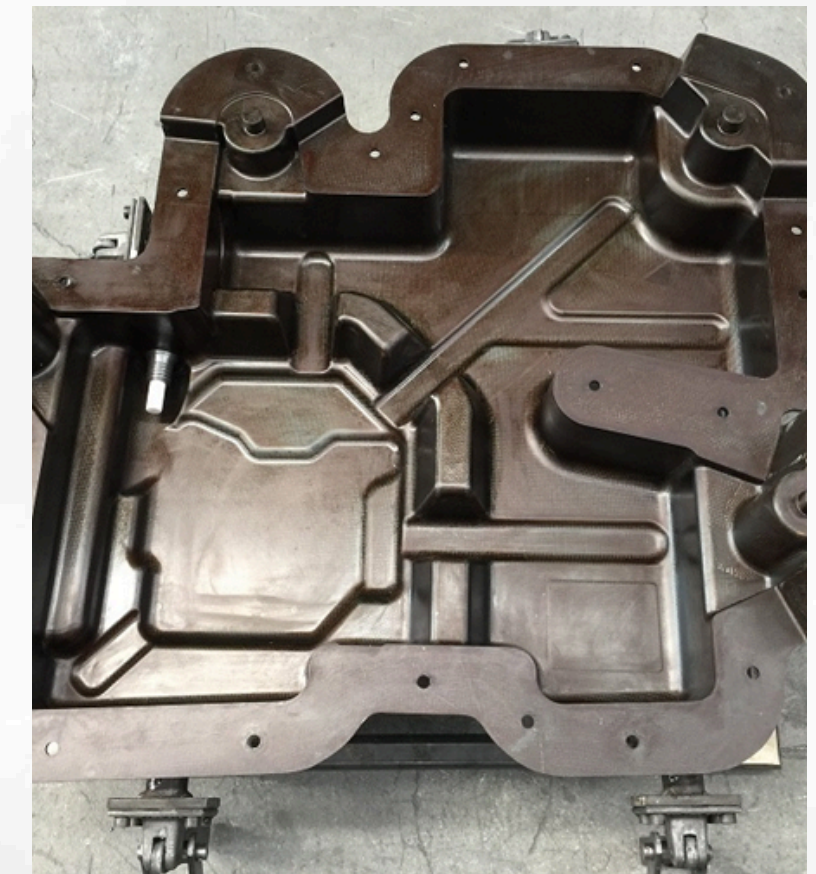
The production department, supported by the technical office for structural optimization, manufactures durable molds, treating them to eliminate internal tensions. Complex parts are CNC milled and welded directly into the mold.

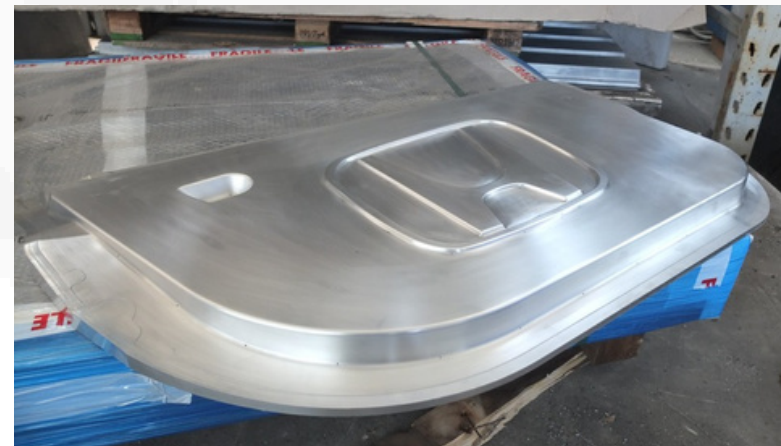


PROTOTYPE MOULDS IN COMPOSITE MATERIALS

It is possible to produce prototype molds in composites or carbon fibers for rotational technology, designed for limited series productions (10-20 pieces).

Furthermore, Boca designs and constructs models and molds for composites (fiberglass, carbon fiber, Kevlar, etc.) made from polyurethane and epoxy resins. These materials enable high performance and productivity.





THERMOFORMING

Boca specializes in designing and manufacturing thermoforming molds in aluminum sheet and cast aluminum with a thermostatic system, as well as in resin and multilayer, tailored to productivity needs. From prototype molds to series production and large-scale manufacturing, we offer a diverse range of finishes and textures for the final product. Additionally, Boca provides complementary jigs and cutting masks equipped with a vacuum system for enhancing the finishing of plastic products.

Thermosetting

Starting from milled or semi-milled CNC blocks, we can also produce molds for thermosets in aluminum suitable for RIM, PUR, RTM, and SCM technologies. According to customer requests, they can be accompanied by a hydraulic or electric piston opening system operated by a special control unit.



HOW CAN WE HELP YOU?

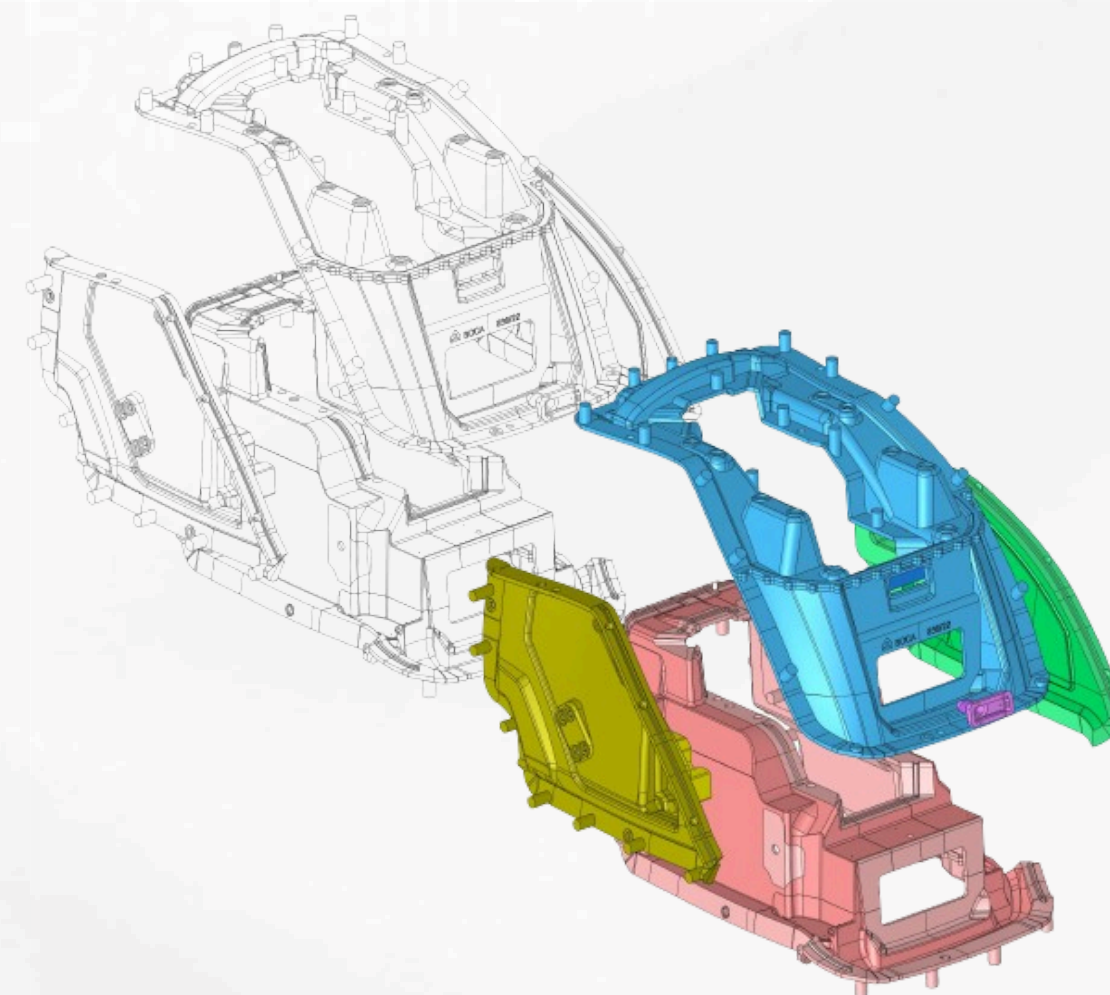
SUPPORTING YOUR NEEDS EVERY STEP OF THE WAY

OUR SERVICES

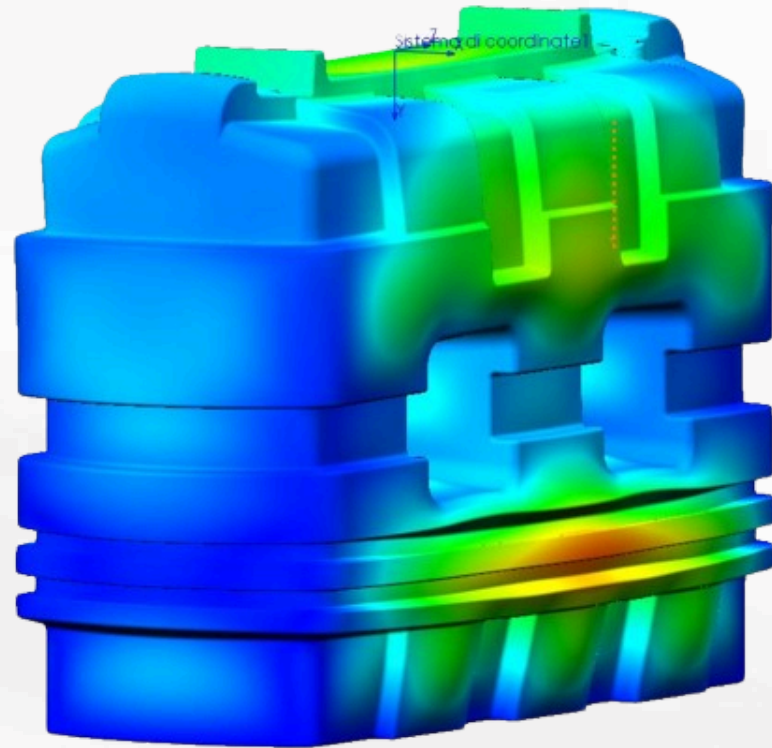


Design and co-design

Boca provides customers with a robust technical department, backed by experienced staff, cutting-edge software, and 50 years of industry expertise. They excel in designing and developing intricate projects and transforming basic concepts into tangible products.

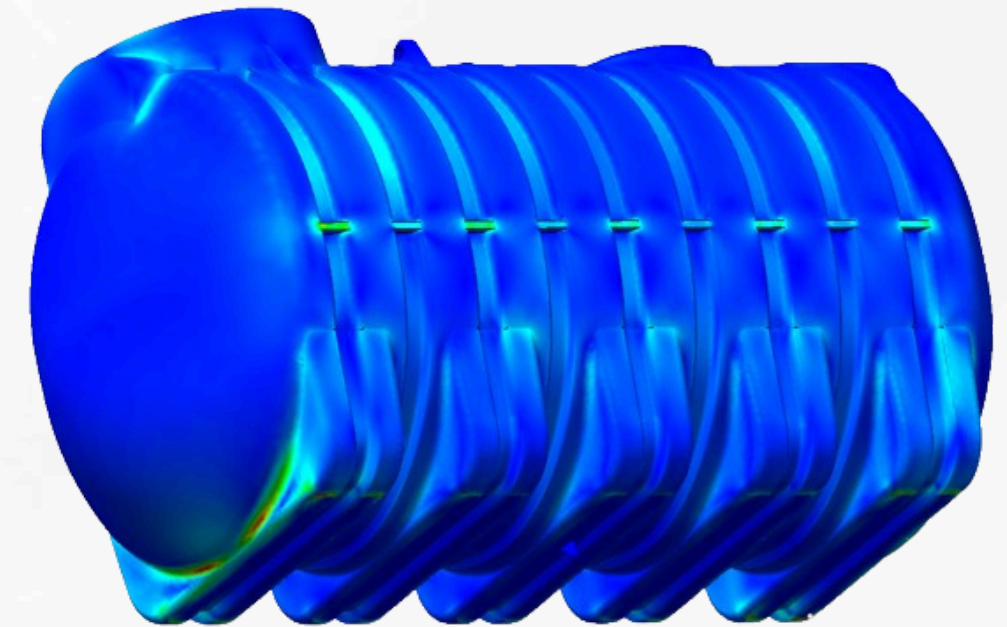


OUR SERVICES

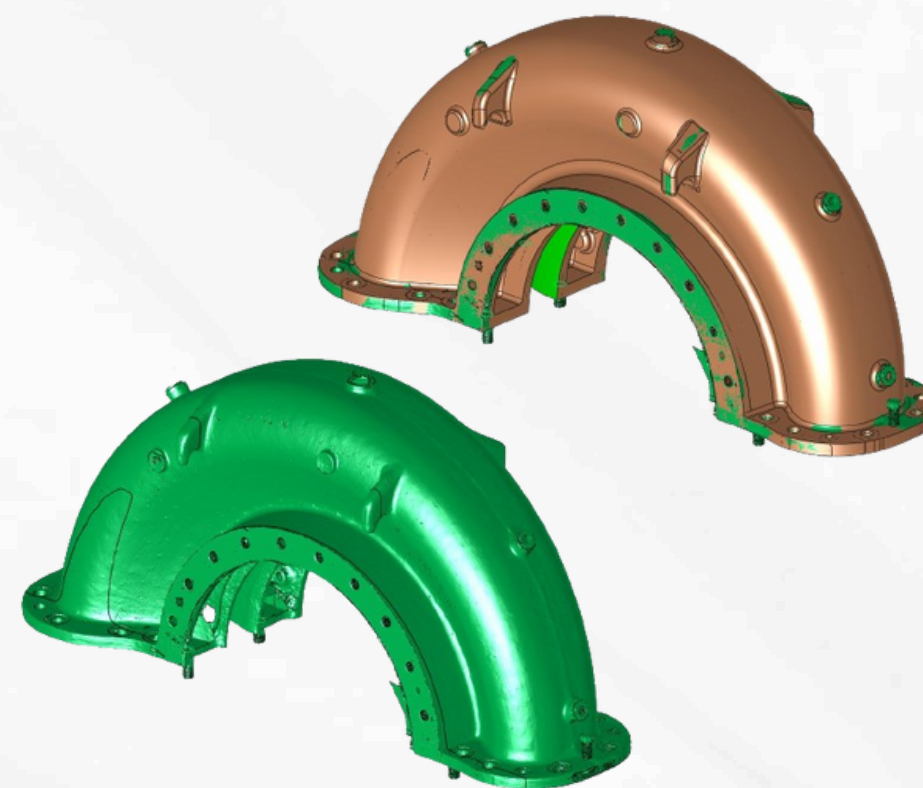


FEM Analysis

F.E.A. software predicts product deformations, aiding proactive design changes, while 3D CAD programs streamline file handling. We assist in designing force-exposed artifacts using F.E.A., predicting behavior pre-execution. This accelerates development, minimizing errors for efficient design processes.



OUR SERVICES



Reverse Engineering

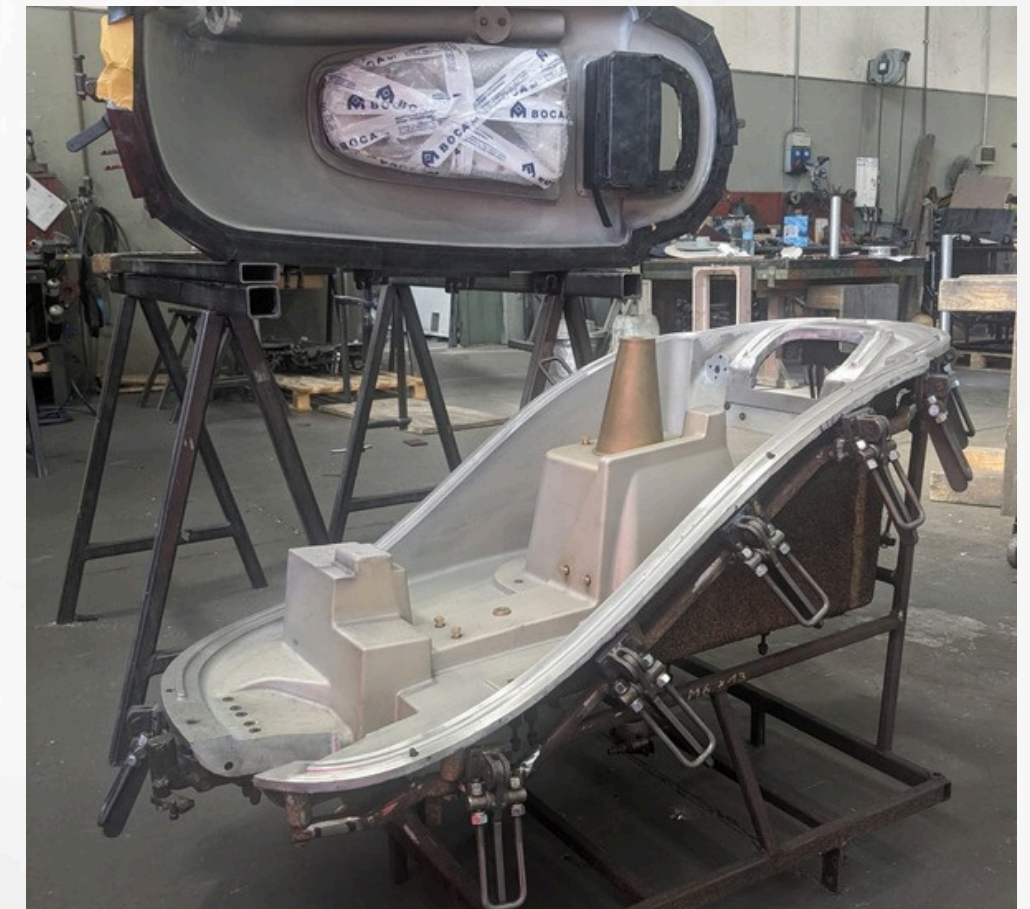
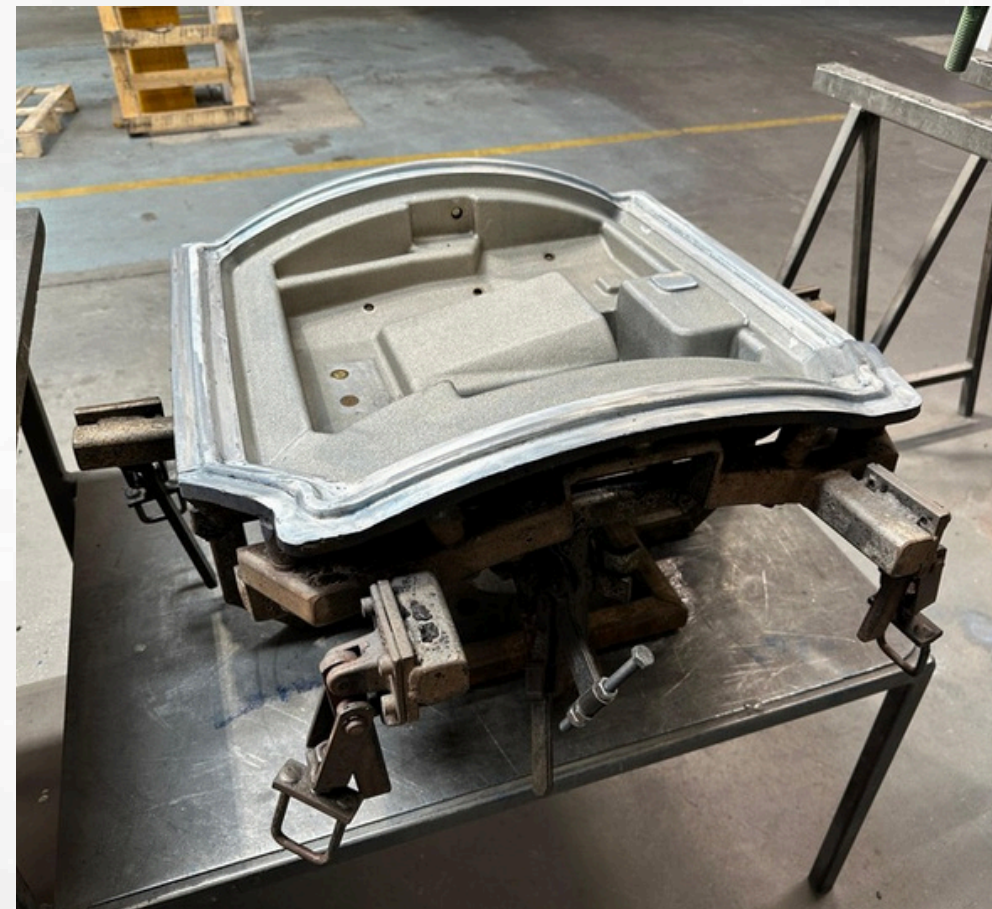
Thanks to the latest generation of photometric instruments, we are able to conduct reverse engineering on existing products without limitations in size, effectively reshaping mathematics at our disposal.

OUR SERVICES



Maintenance

We specialize in maintaining molds from any source, ensuring seamless production continuity. By restoring molds to optimal condition, we enable clients to focus on ongoing production while planning new projects.



OUR SERVICES

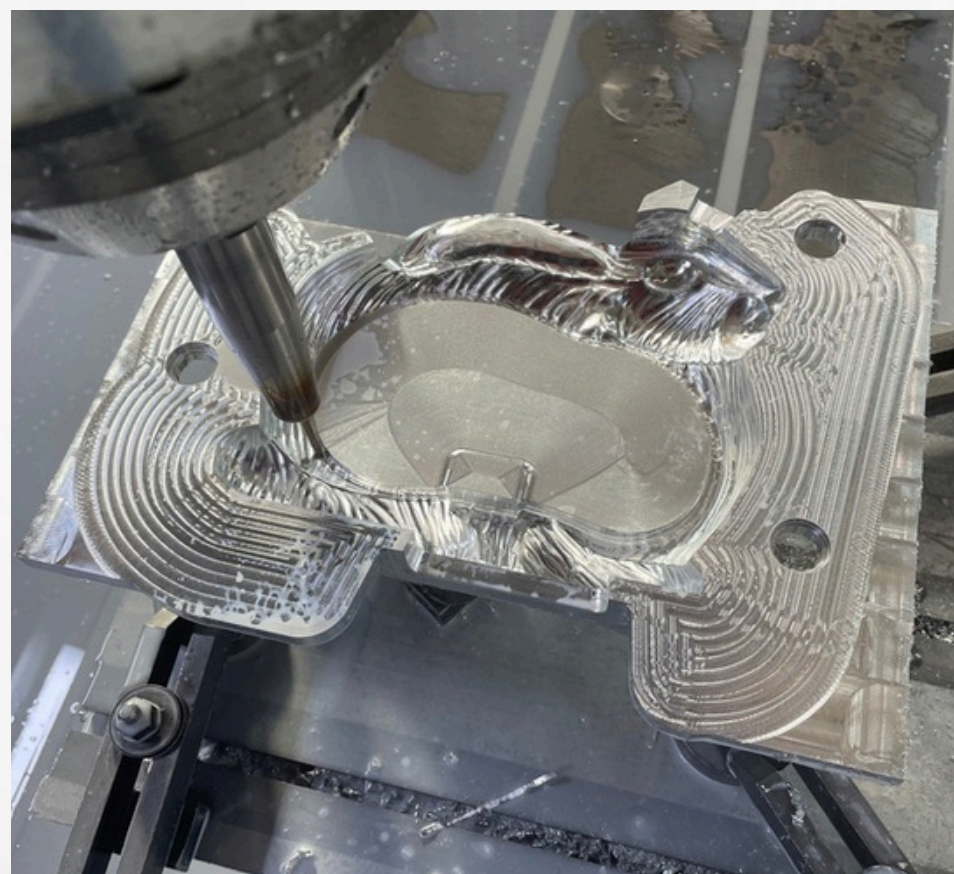


Moulds Test

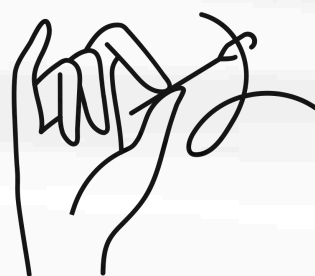
We provide the opportunity to test our molds prior to shipment to our partners, ensuring the verification of their characteristics and showcasing the finished plastic product. This process enables us to make any necessary mold modifications before delivering it to the client.



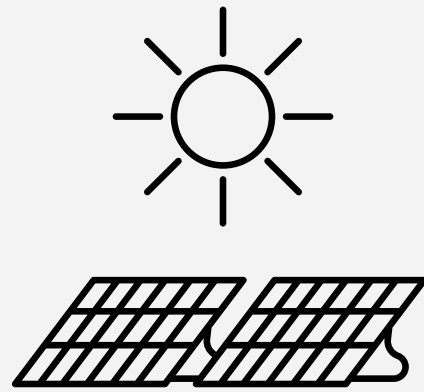
OUR SERVICES



All our services are TAILOR-MADE and internally crafted for total workflow control, ensuring maximum QUALITY at every production stage



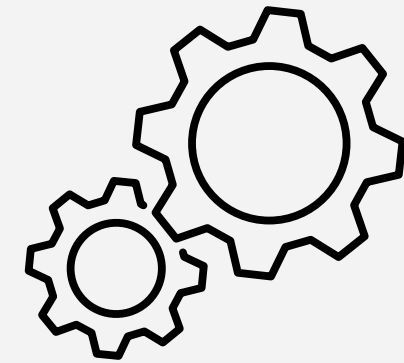
OUR COMMITMENT



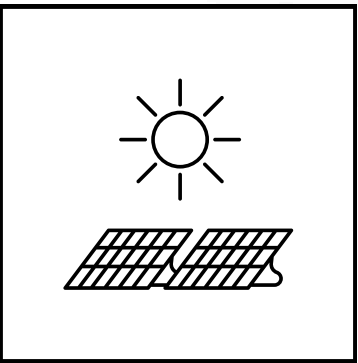
SELF PRODUCTION



IMPLEMENTATION OF
VIRTUOS STRATEGIES



INNOVATE
CONSTRUCTION
PROCESSES



SELF PRODUCTION



SOLAR PANELS

220

kWp

75%

of the annual
connsumption

53%

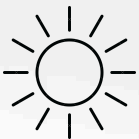
of total
requirement



IMPLEMENTATION
OF VIRTUOUS
STRATEGIES



RETHINK STRATEGY



Rough machining:
higher energy consumption



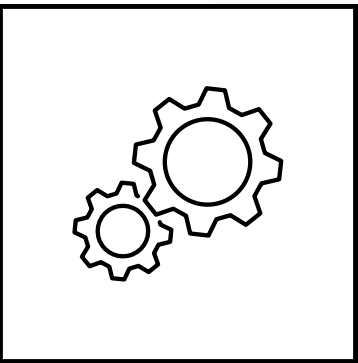
Finishing: lower energy
consumption



SMART STAND-BY



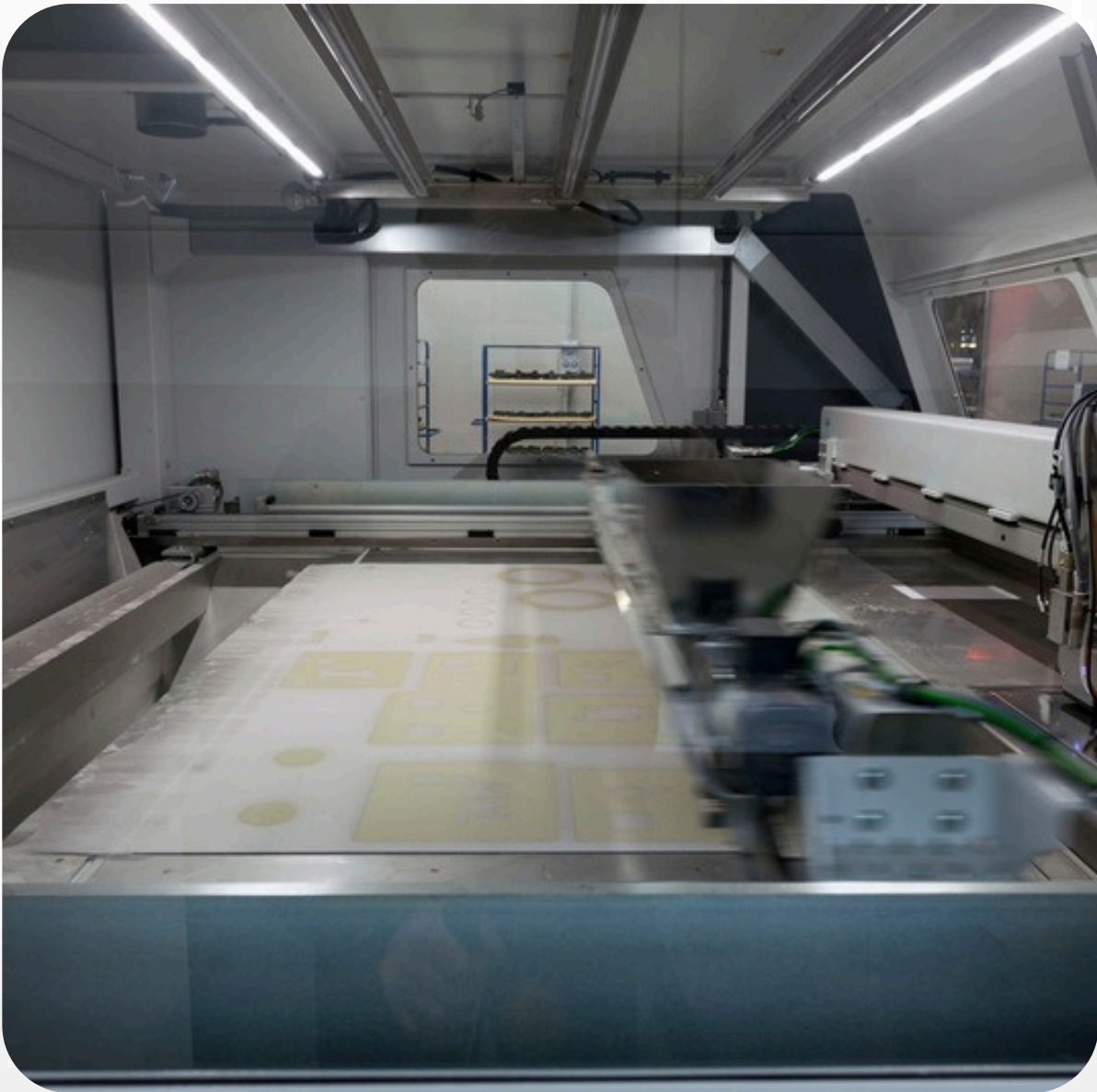
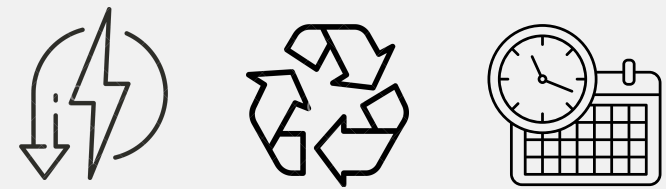
Automatic switching-off
of mechanical components at the
end of the night cycle



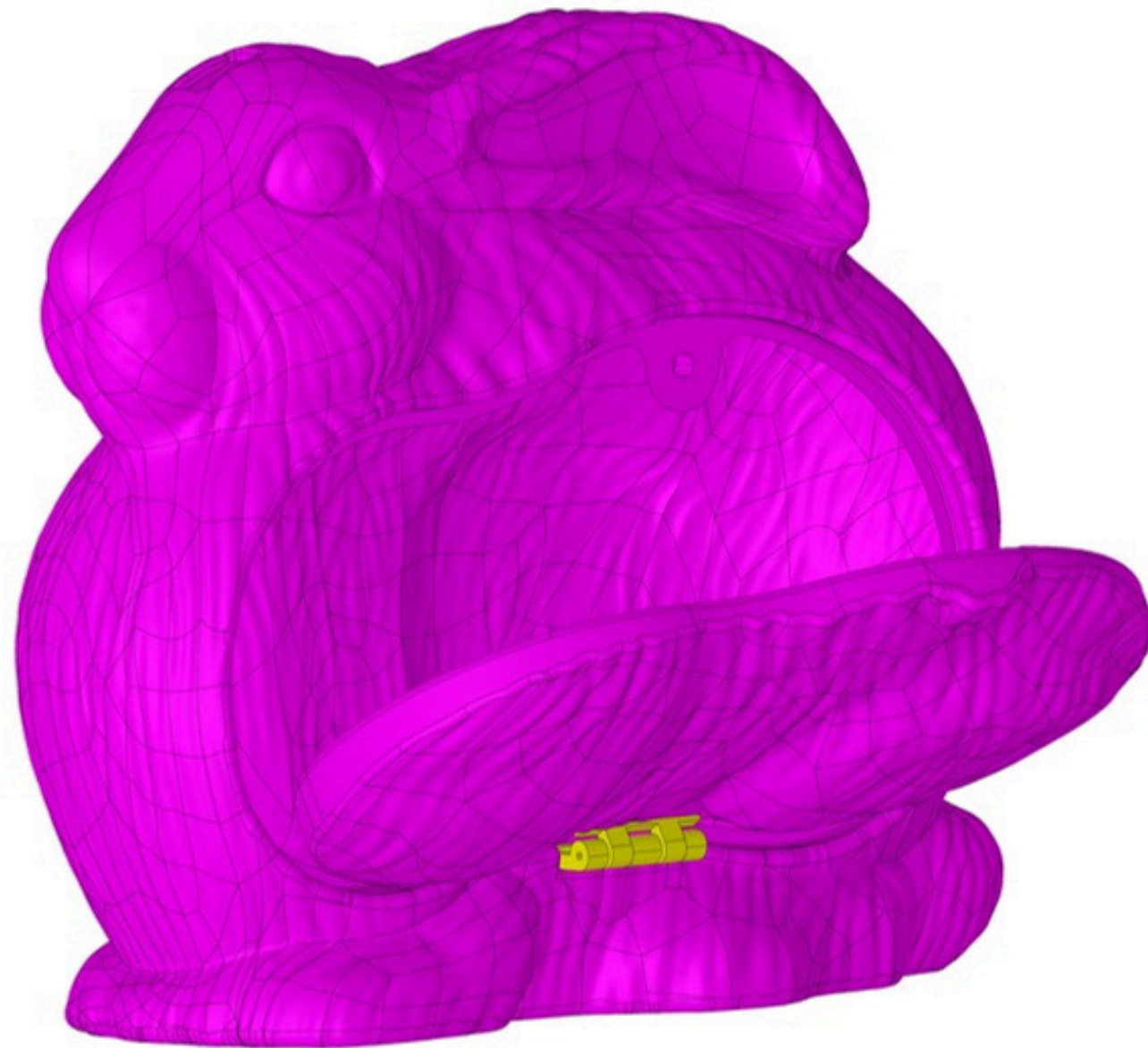
INNOVATE
CONSTRUCTION
PROCESSES

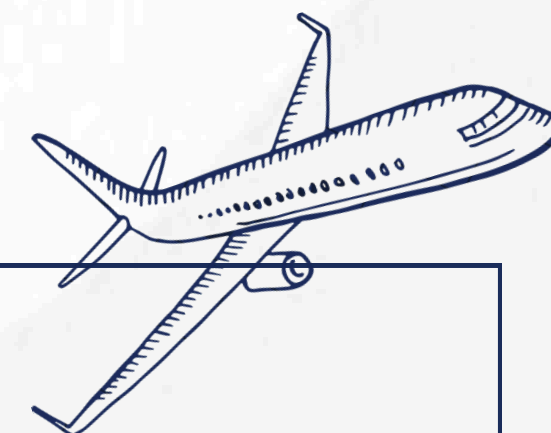
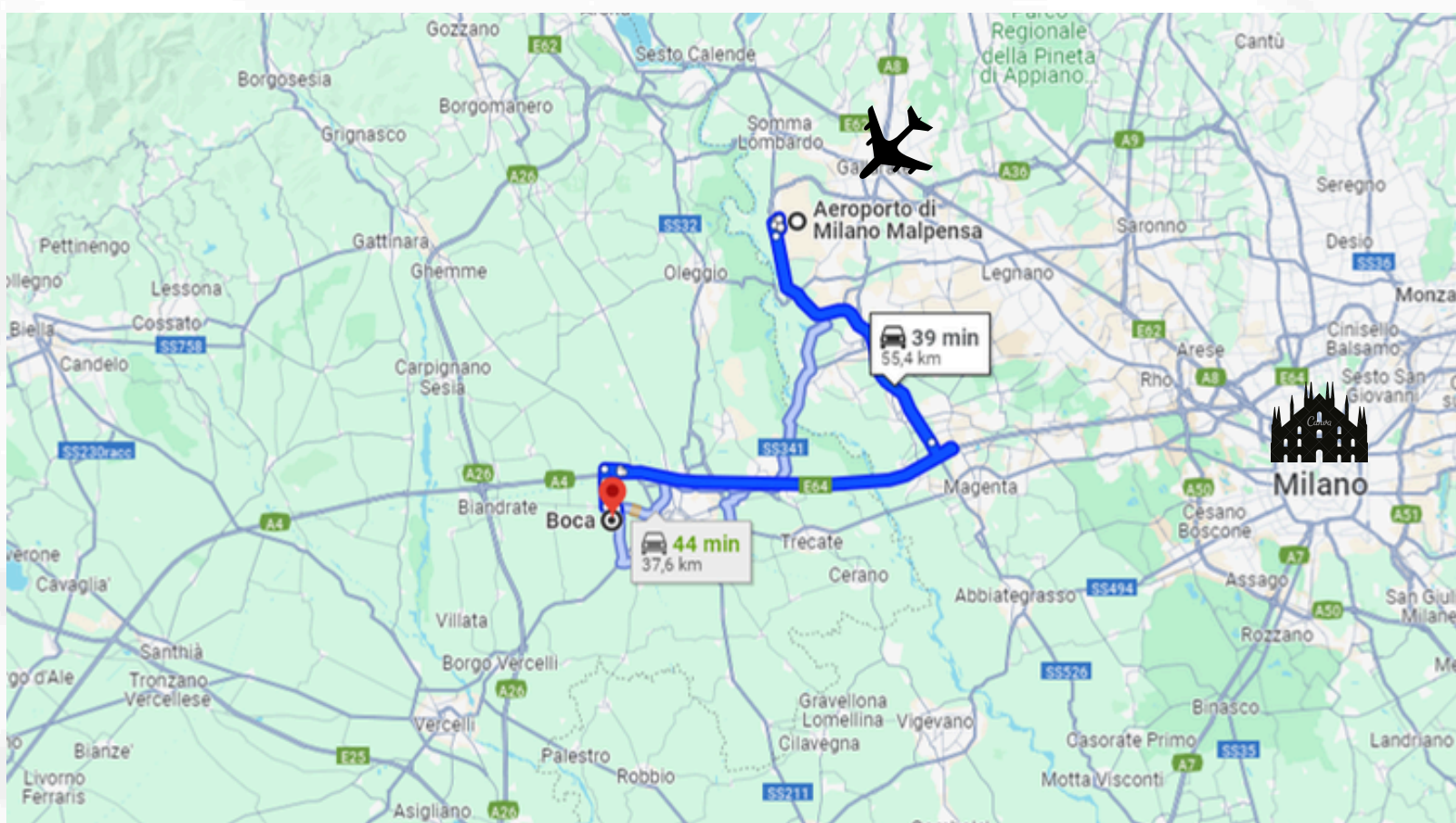
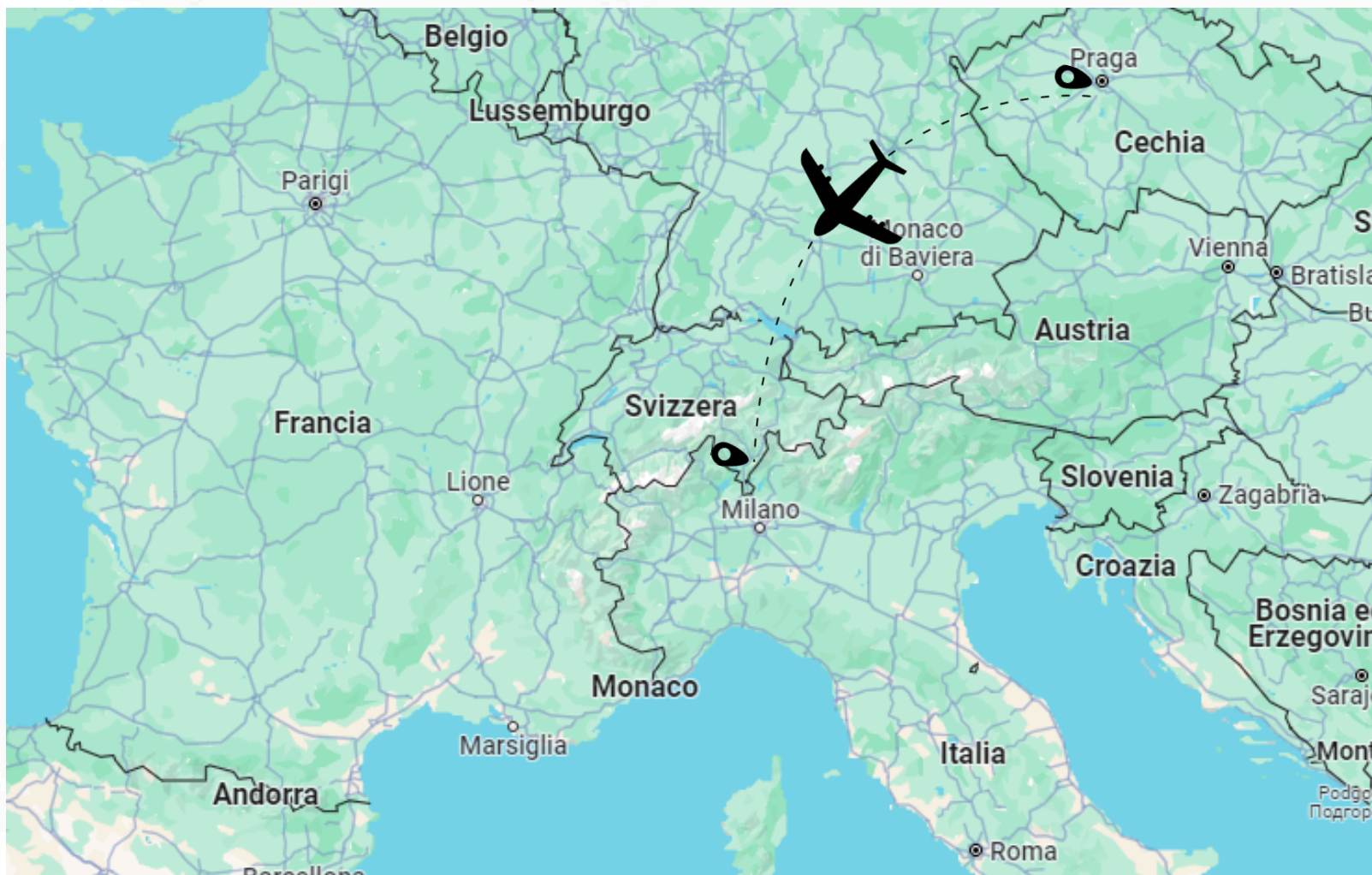


PROTOCASTING



CASE STUDY

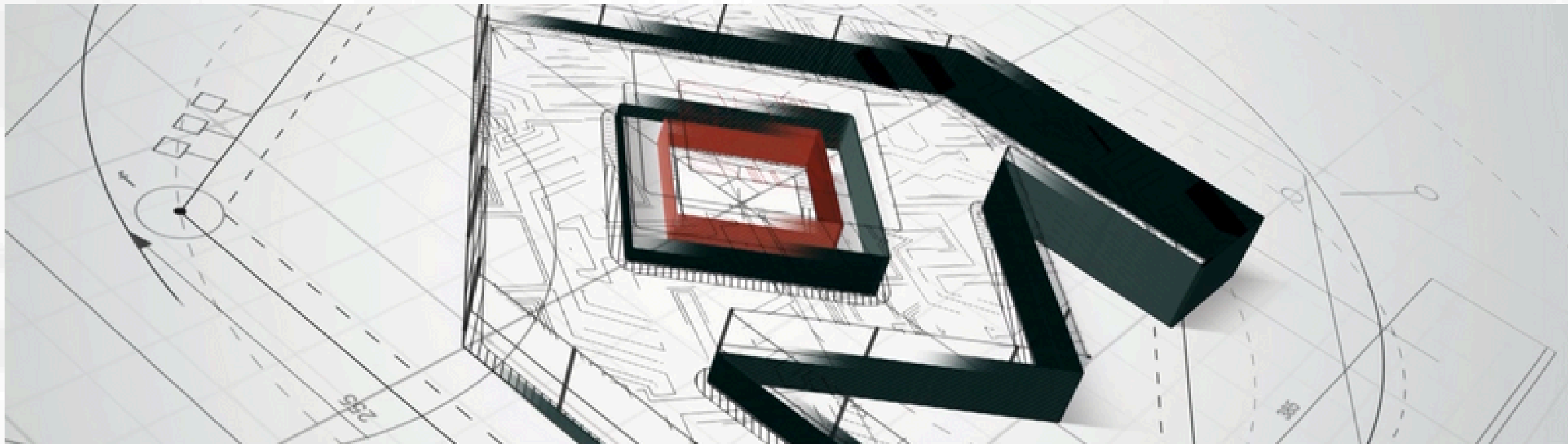




HOW TO REACH US?

THANK YOU

Now it's your turn! Join us at our table top



OUR CONTACTS



+39 0321 468976



www.bocaitaly.eu



sales@bocaitaly.it



MEET OUR TEAM

WALTER BONAZZI
Sales Representative



LORENZO COLOMBO
Production Manager

