



CONTENT

01 PRESENTATION

About us

02 SERVICES

Engineering

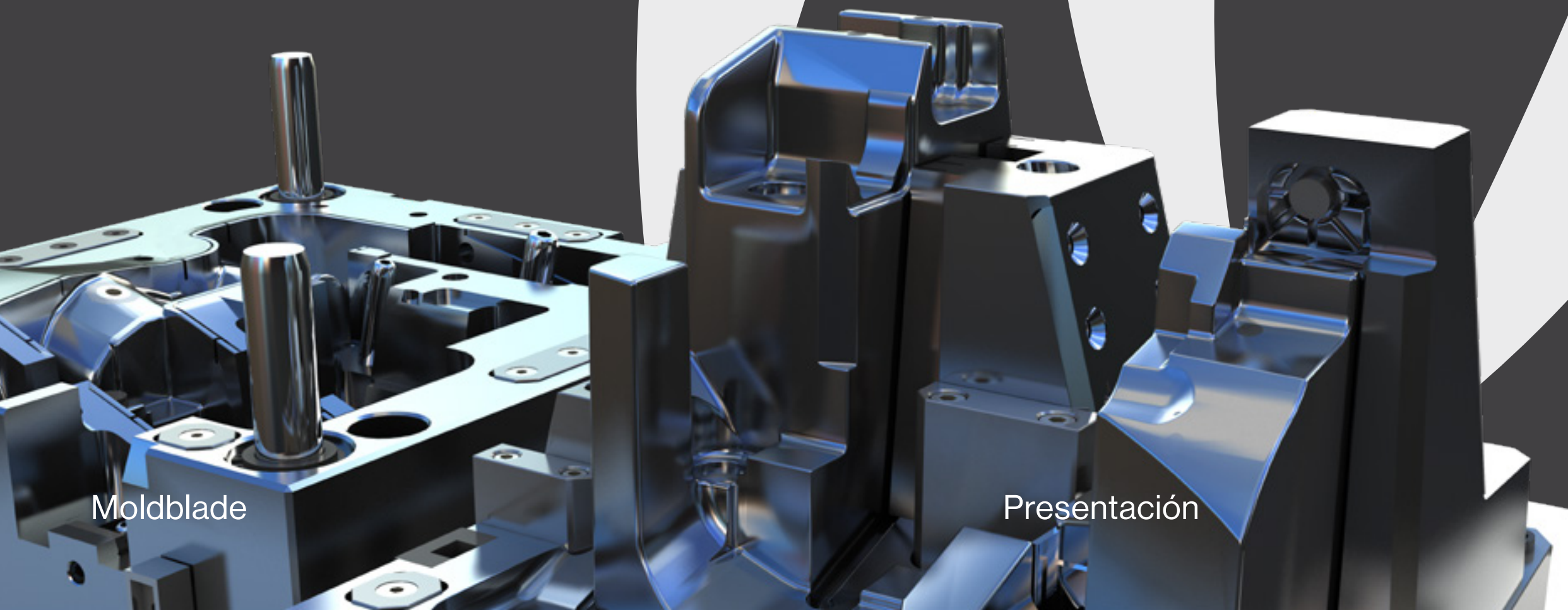
Moulds

Plastic injection

Auxiliary services

03 GREEN MANUFACTURING & INNOVATION

**DESIGN,
ENGINEERING
& PRECISION**



Moldblade

Presentación

info@moldblade.com

ABOUT US

We manufacture injection moulds and plastic products

We develop complete high-precision reliable projects.

At Moldblade, we handle the entire product development process: from industrial **design** of plastic components, through the **creation of high-level injection moulds**, to providing **plastic injection services**. We also offer additional services such as assembly, screen printing, pad printing, laser cutting, ultrasonic welding, and chrome plating.

Our extensive experience in mould manufacturing for over **25 countries** has allowed us to apply the acquired knowledge to our own plastic injection factories. This enables us to offer customers a comprehensive service and the assurance of working with a single entity responsible for the success of their project.

1500+
Projects

150+
Moulds
per year

40+
Plastic
injection
machines

25+
Countries

Projects from inception

We transform your idea into a successful new product

For anyone seeking a comprehensive solution for a plastic-based product, we offer the opportunity to develop their project in its entirety. A full-service proposal that spans from conceptualization to mass production.



ABOUT
US

ENGINEERING

We develop profitable, sustainable and innovative projects worldwide.



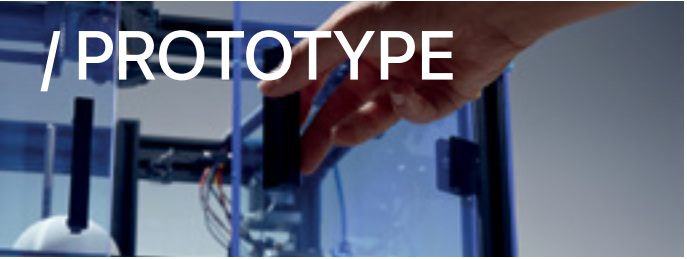
Moldblade

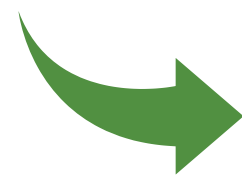


Presentation

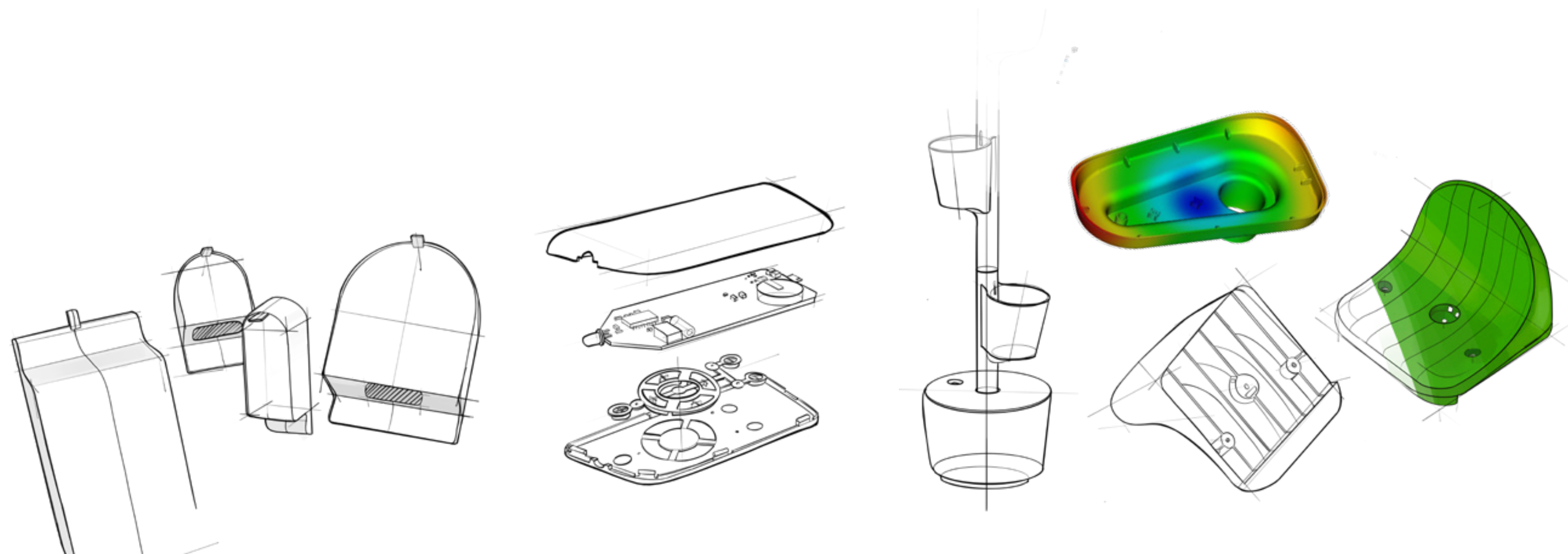
info@moldblade.com

Guaranteed safety and results

Our commitment to providing **high-quality, plastic-tailored engineering** services is what sets Moldblade apart. A multidisciplinary approach that requires extensive knowledge of various materials and their behavior, mechanical strength calculation, plastic flow calculation, heat transmission, mold mechanics, as well as **specific knowledge of each industry sector**.

/ DESIGN 	/ DEVELOPMENT 	/ PROTOTYPE 
<i>Briefing analysis, market study & concept sketching.</i>	Injection error analysis	Silicone moulds
3D Scan	Structural calculations	ABS machining, 1:1 scale
3D Modeling	MoldFlow analysis y rheological study	Stereolithography (SLA)
Product restyling	Thickness optimization	3D Printing

-  Comprehensive service
-  Safety
-  Commitment



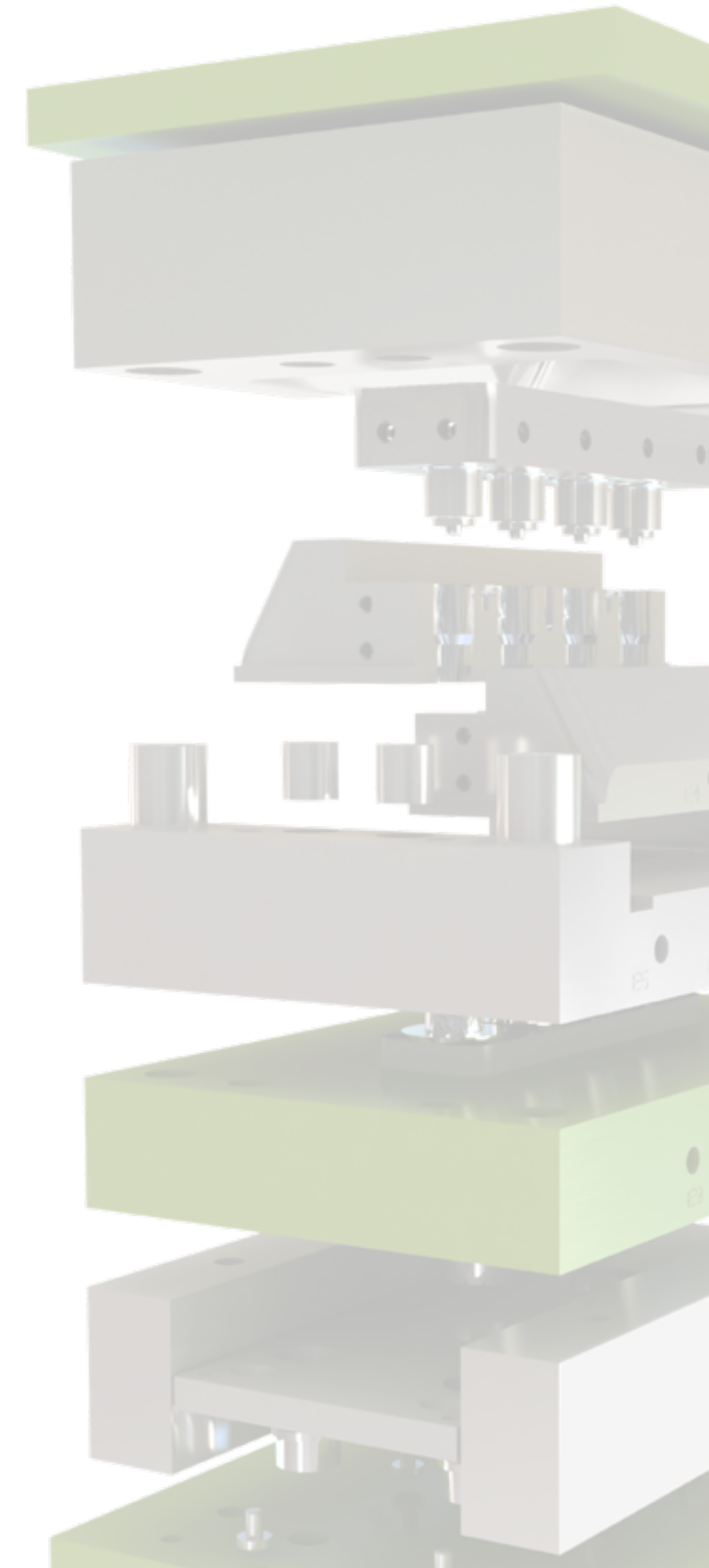
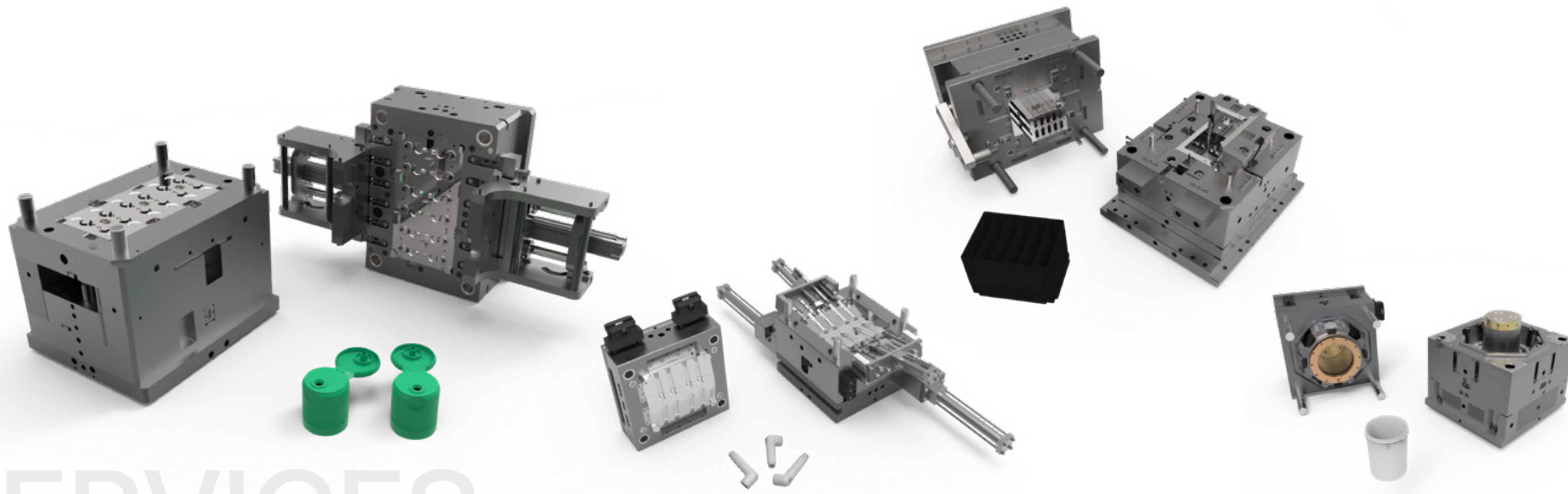
SERVICES

Efficiency and precision

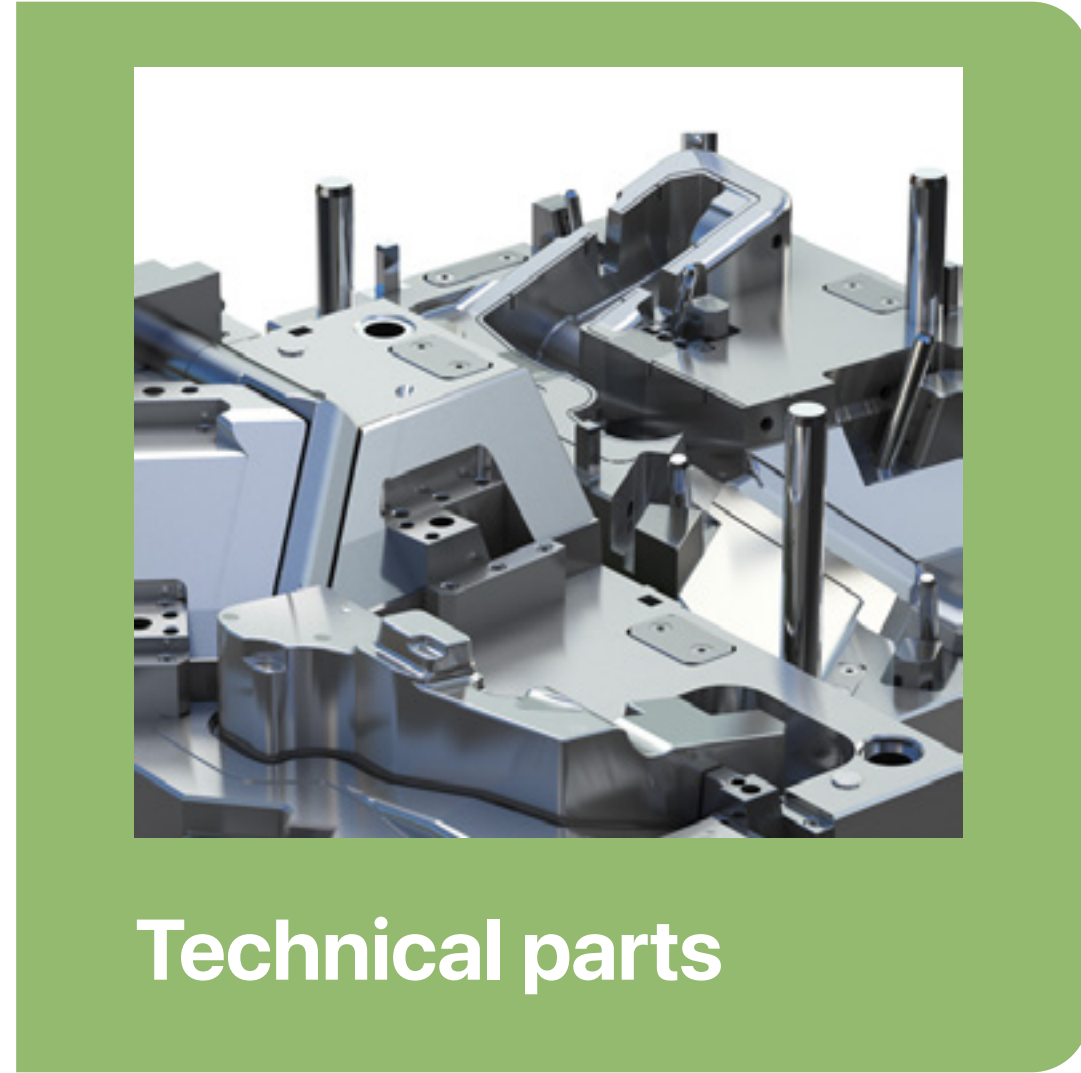
For any type of product you seek

High-quality steels, optimized mould cooling developments, precision machining and rigorous process control enable us to deliver highly efficient and precise moulds. We specialize in technically advanced designs. With a focus on quality, we provide cost-effective solutions.

- Technical parts
- Industrial parts
- Household
- Multicavity

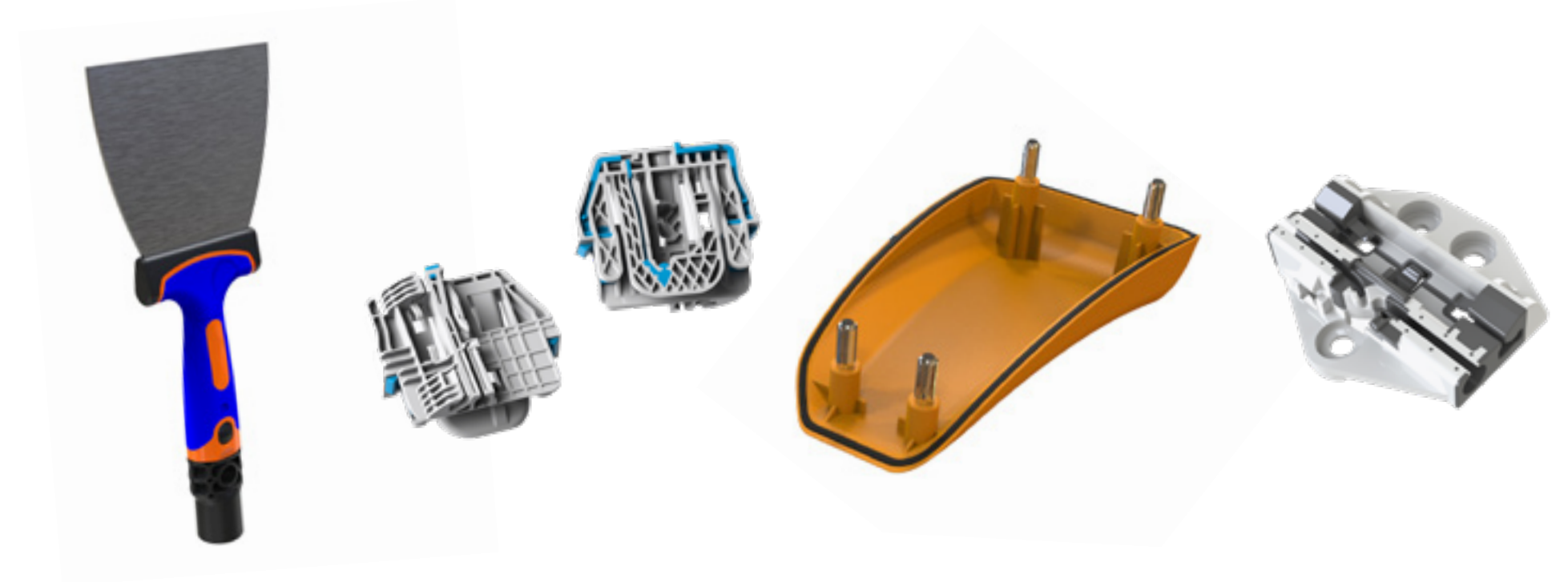


MOULD MANUFACTURING



Parts with complex movements, very tight tolerances, with a high aesthetic commitment, with high dimensional stability requirements, bi-component parts and others.

- Automotive
- Bi-component
- Electronic equipment
- Industrial and medical supplies
- Other



Bi-components



Medical supplies



Automotive

MOULD MANUFACTURING

Moldblade

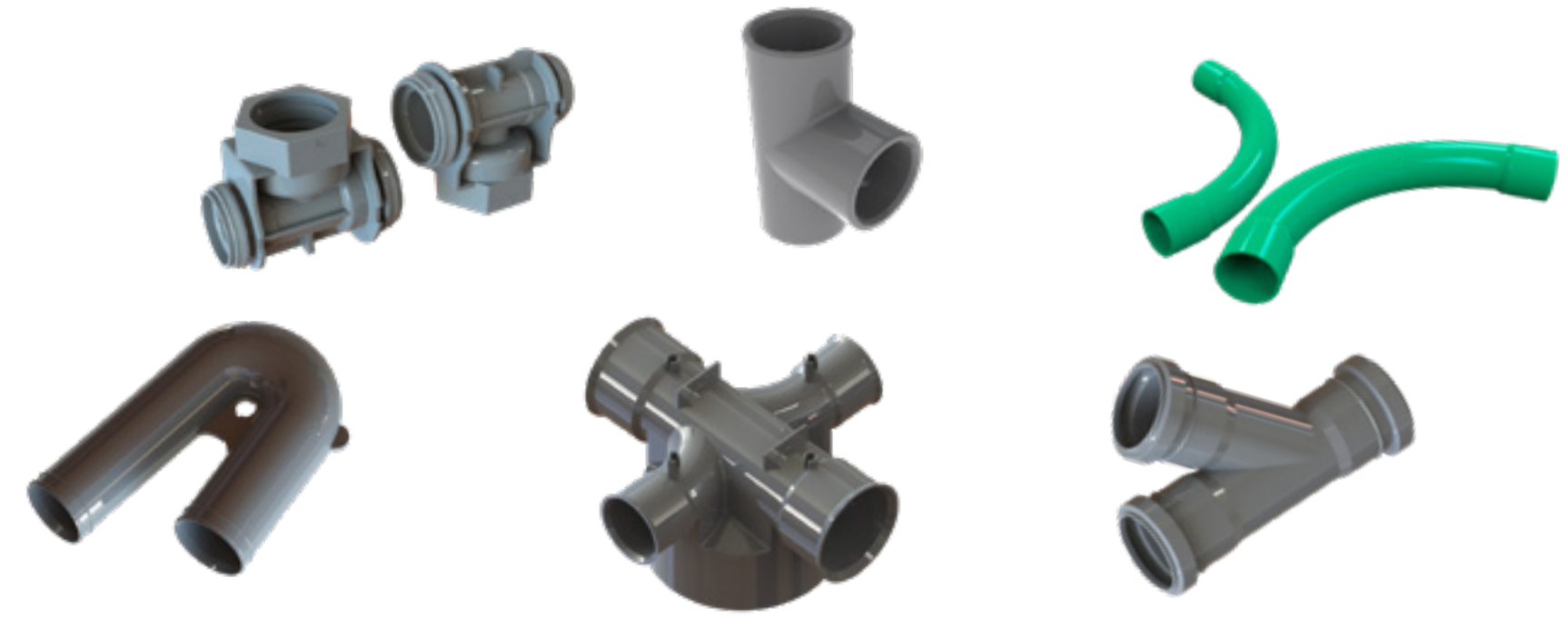
Presentation

info@moldblade.com



Highly specialized product blocks where only empirical experience and reiteration can achieve the best results and overcome production limits.

- Crates
- Fittings
- Buckets
- Large dimensions
- Others



Fittings examples



Foldable crate

- Agricultural crate
- PP

/ AGRICULTURE



Multipurpose crate

- Logistics crate
- PP + GF

/ NOURISHMENT



Crate

- Beverage crate
- HDPE

/ NOURISHMENT



20L Bucket

- Buckets
- HDPE

/ INDUSTRIAL

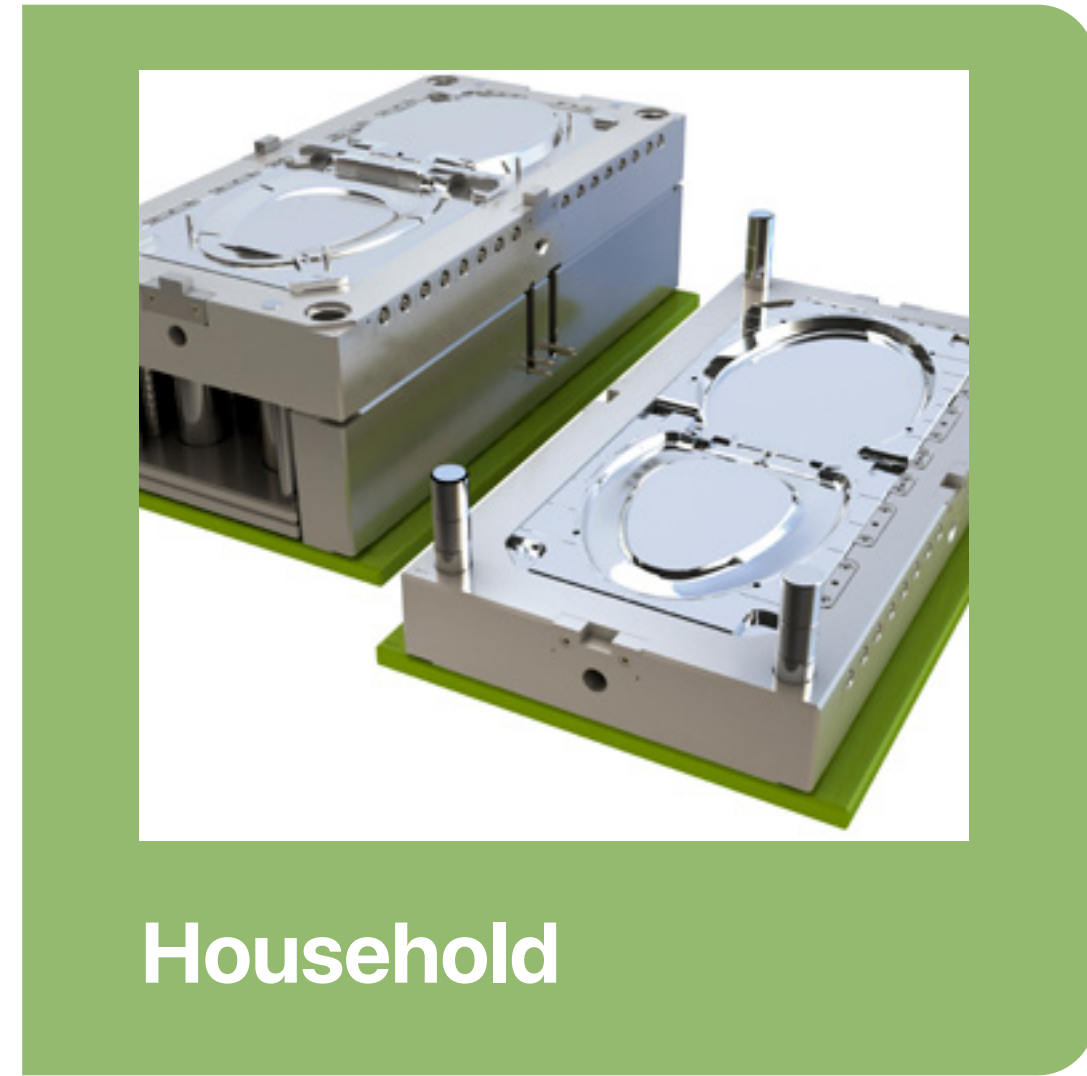
SERVICES

MOULD MANUFACTURING

Moldblade

Presentation

info@moldblade.com

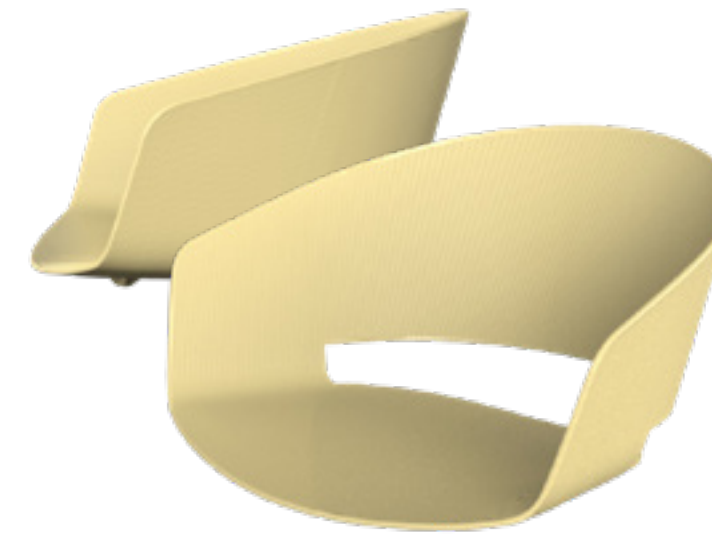


Cycle moulds designed for efficiency, incorporating the lightest possible components without compromising structural integrity, functionality, and aesthetics, while optimizing costs per piece.

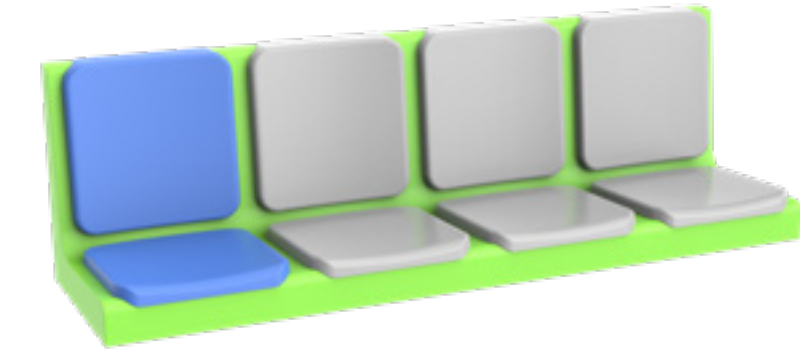
- Childcare
- Cleaning
- Household goods
- Furniture
- Others



Household goods



Furniture



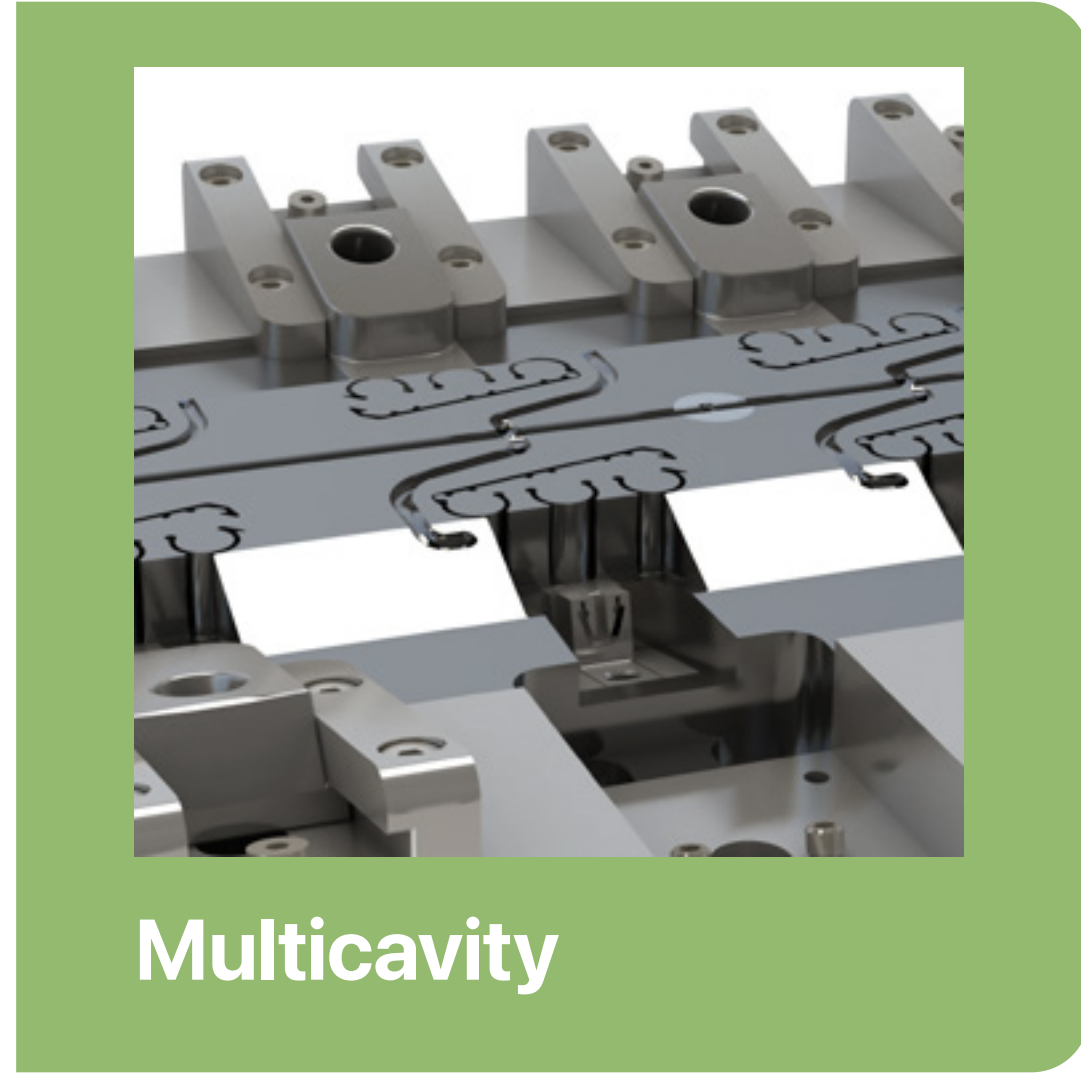
SERVICES

MOULD MANUFACTURING

Moldblade

Presentation

info@moldblade.com



Multicavity

Parts with wear-resistant treatment, high-conductivity alloys, and hot runners with sealing that ensure high repeatability within an optimal cycle.

Disposables

Thin-wall

Caps

Precision parts

Others



Envase de pared fina



Disposable cutlery



Caps variety

/ Caps expertise

SERVICES

After-sales service



A matter of commitment

Through our network of associated workshops distributed across all the countries where we primarily operate, we provide direct and local customer support. This includes services for modifications, warranty repairs, and general assistance. A permanent stock of spare parts is always available.

We also maintain a permanent stock of basic spare parts and offer direct attention for inquiries at: sat@moldblade.com

Optimised production runs



Guaranteed Improvements

Detecting productivity flaws is crucial, which is why we ensure process optimization throughout the entire project development. Through our technical injection specialists, we provide services such as mold commissioning, mold management training, advanced injection workshops, process audits for efficiency improvement, mold capacity optimization, and injection defect elimination.

PLASTIC INJECTION

Injection types

We inject from 60 T to 1250 T for all types of applications

Injection of technical plastics	Injection of other materials	IML Injection	Two-component injection
			
POM, PC, PA, PBT, PEEK, PPSU	Biodegradable, water-soluble, and bioplastics materials	up to 400T	up to 400T

Quality control

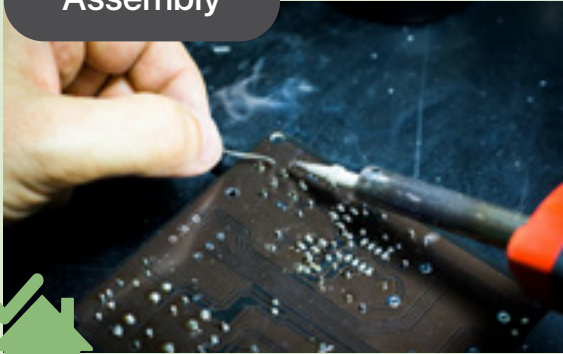

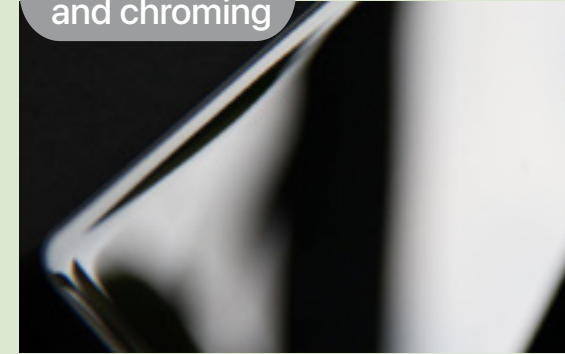
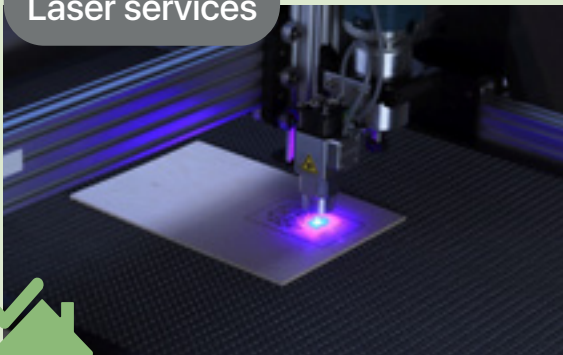

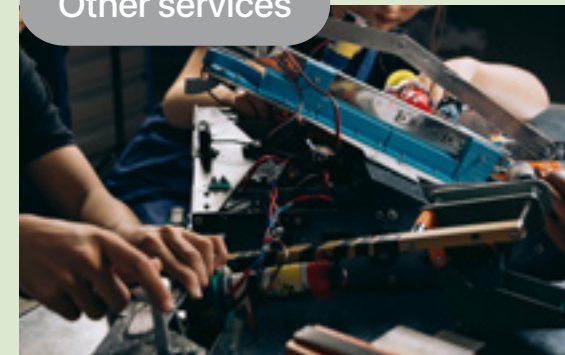
Our commitment to quality is absolute, with goals set for very high quality indices and virtually zero rejection levels. To achieve this, we guarantee:

- Material traceability
- Plastic injection process traceability
- Continuous online verification
- Random post-process controls in the form of sampling
- Certification under ISO 9001 and ISO 14001



Auxiliary services

We are dedicated to delivering comprehensive services, which is why we enhance injection molding with a range of supplementary offerings:

 <p>Assembly</p>	 <p>Screen printing and pad printing</p>	 <p>Plating and chroming</p>
 <p>Laser services</p>	 <p>Ultrasonic</p>	 <p>Other services</p>



Solutions for a globalized world

Leveraging our international footprint, we deliver plastic injection services across five countries.

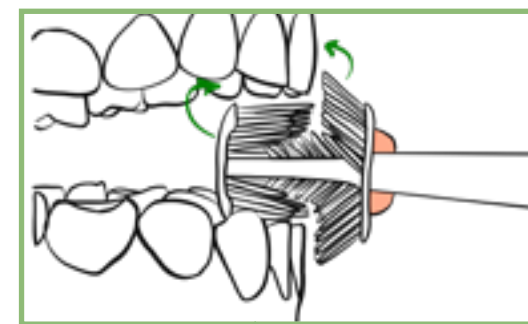
SERVICES

CASES

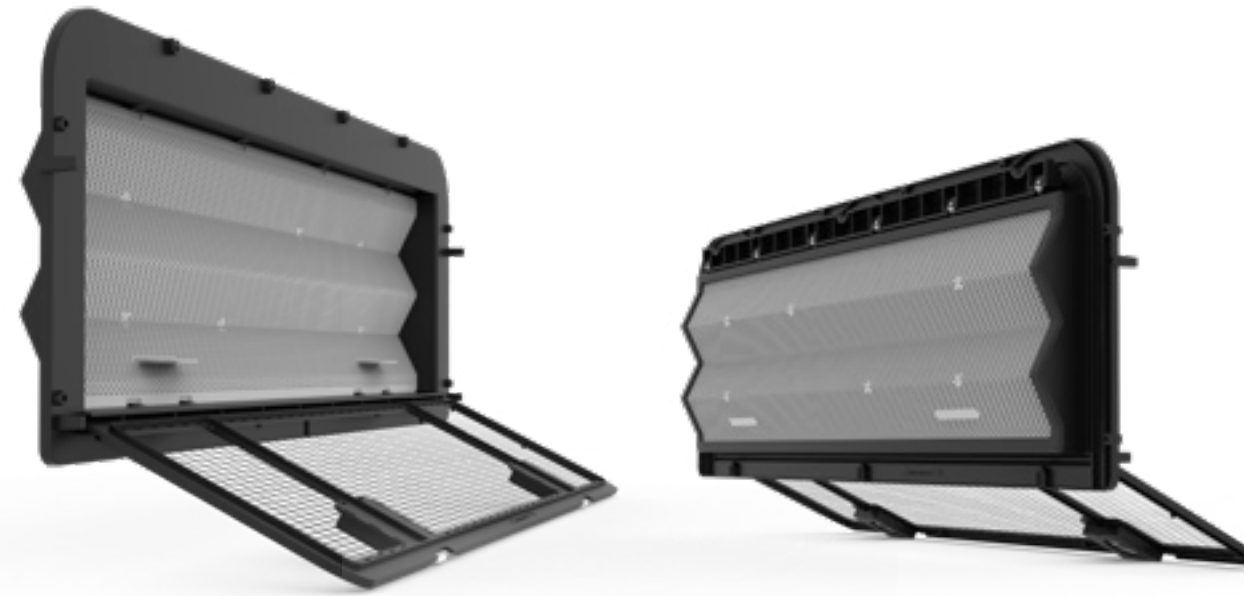
Tricomponent brush

Moldblade contributes to the development of an exceptional toothbrush, pioneering the dual-bristle design that effectively cleans both sides of the teeth simultaneously, setting a new standard for oral hygiene.

- Product design collaboration
- Prototyping
- Prototype mould manufacturing
- Production mould manufacturing
- Bi-injection
- Automated assembly



- Product design collaboration
- Mould manufacturing
- Metal mesh over-injection
- Sealing service
- Assembly



Air filter

Filtration system that combines metallic elements with plastics and significantly improves current maintenance and assembly requirements.

Medical device

Development of the design of an intracorporeal medical device.

- Product design collaboration
- Mould manufacturing
- Injection
- Technical adherent
- PCB
- Ultrasonic sealing
- Assembly



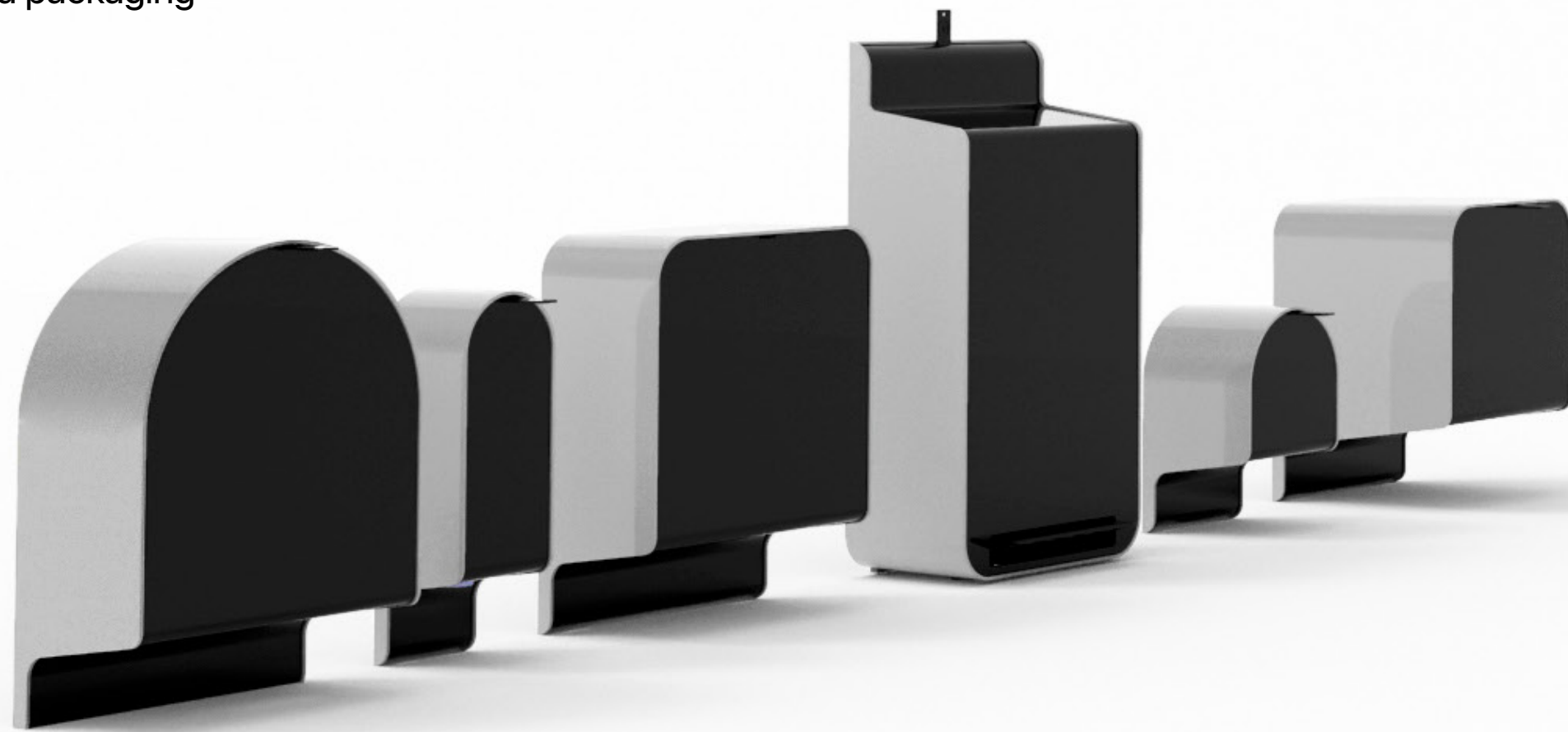
CASES

An entire product family

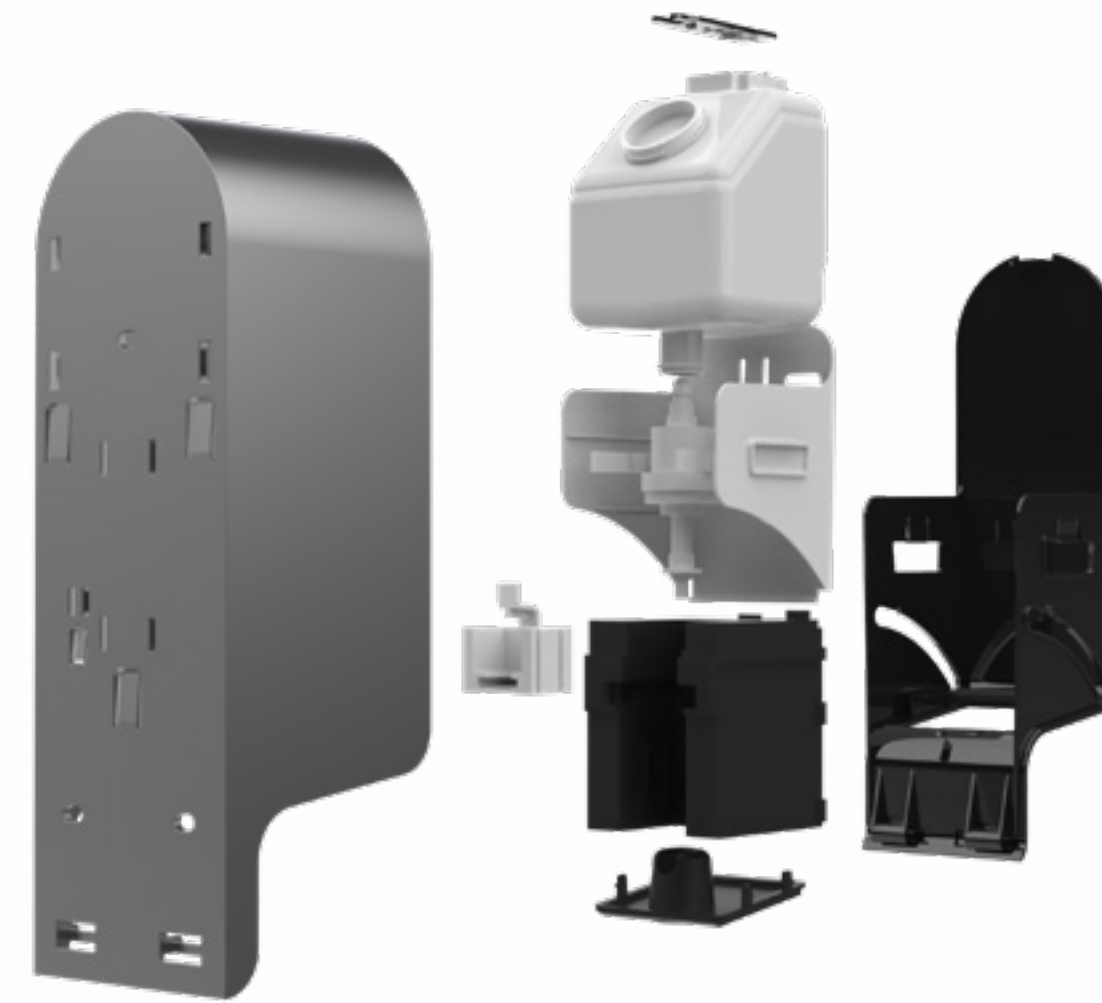
Together throughout the entire process

Development of a complete range of premium products, including paper towel, soap, and alcohol dispensers. Comprehensive service provided by Moldblade from inception.

- Product design collaboration
- Prototyping
- Mould manufacturing
- Development of electrical components
- Injection
- Metallic painting
- Assembly and packaging



Automatic dispenser



Manual dispenser



GREEN MANUFACTURING



Our company always seek to manufacture in the most sustainable way: our factories are increasingly ecological and we develop projects using innovative biodegradable materials. We have obtained ISO 14001 certification.

ECO-friendly Materials

We promote the use of new eco plastics thanks to the many projects we have carried out with them. Since we know their creep, mechanical resistance, technical characteristics, costs, availability, and supply sources, we have consequently acquired interesting knowledge to tackle projects, when needed.

Bio-disposable

Water-soluble

Bioplastics

Recycled plastics

Sustainable projects

We develop and support projects aiming at improving the environment through our impact investment. In other words, we get involved in their design, industrialization and, in some cases, even sponsoring it.



Citysens
Hydroponic Vertical Garden



Optimus
Vertical Garden



Espora
Vertical Garden

INNOVATION

We have the capacity and vocation to develop innovative projects and technologies. For this reason, an increasing budget is set aside for research



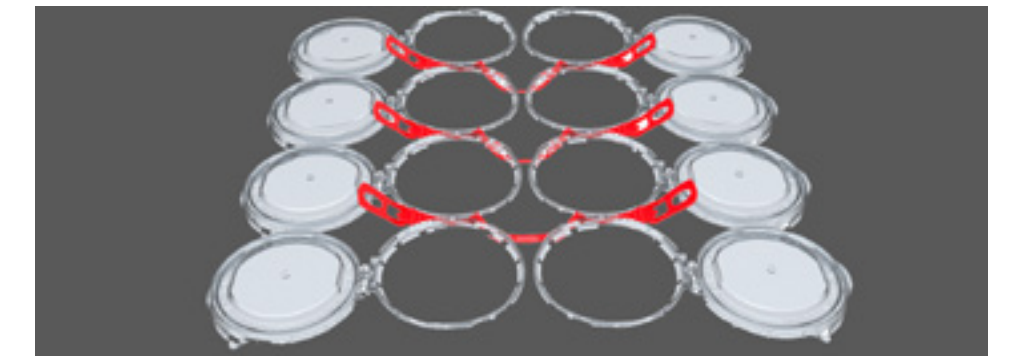
Material testing

We invest an annual budget in the industrial testing of new, technical and/or ecological materials, aiming to offer new solutions or improvements in the sectors in which we work.



Innovative products

We carry out, jointly with our customers, the process of developing patents in plastic. To do so, we will support the development from the start until achieving a functional and industrializable result.



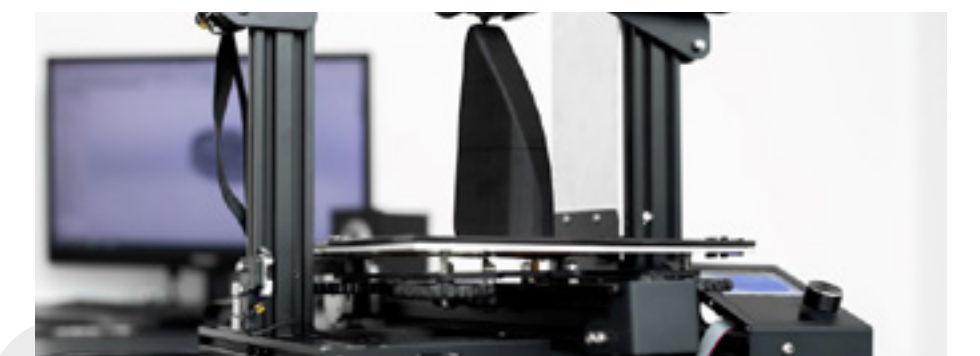
Prototype moulds for research purposes

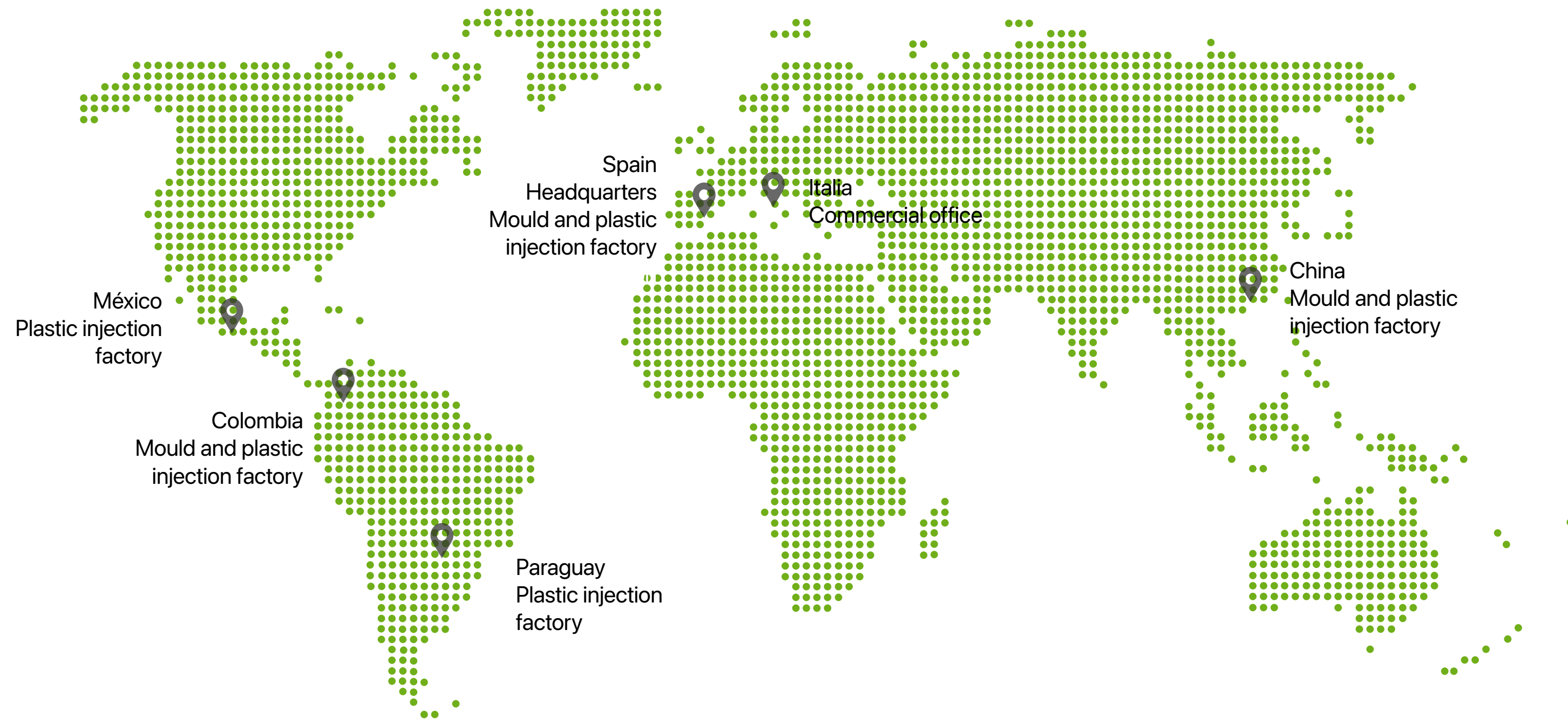
We manufacture prototype moulds for our own developments, which allows us to offer solutions to customers, anticipating their needs.



New cooling systems

We work on innovative refrigeration developments to meet the demands regarding the parts with strong productivity demands.





for more information
info@moldblade.com

www.moldblade.com

Carrer del Comte d'Altea, 22
4º, pta 10
46005 València, Valencia

T +34 963 290 795

