



bigD

Design
that matters

Advanced manufacturing

Only one company can be the cheapest,
all the rest need **Design**.

This is bigD

Industrial Design

Digital Design

Advanced Manufacturing

Contact

This is bigD

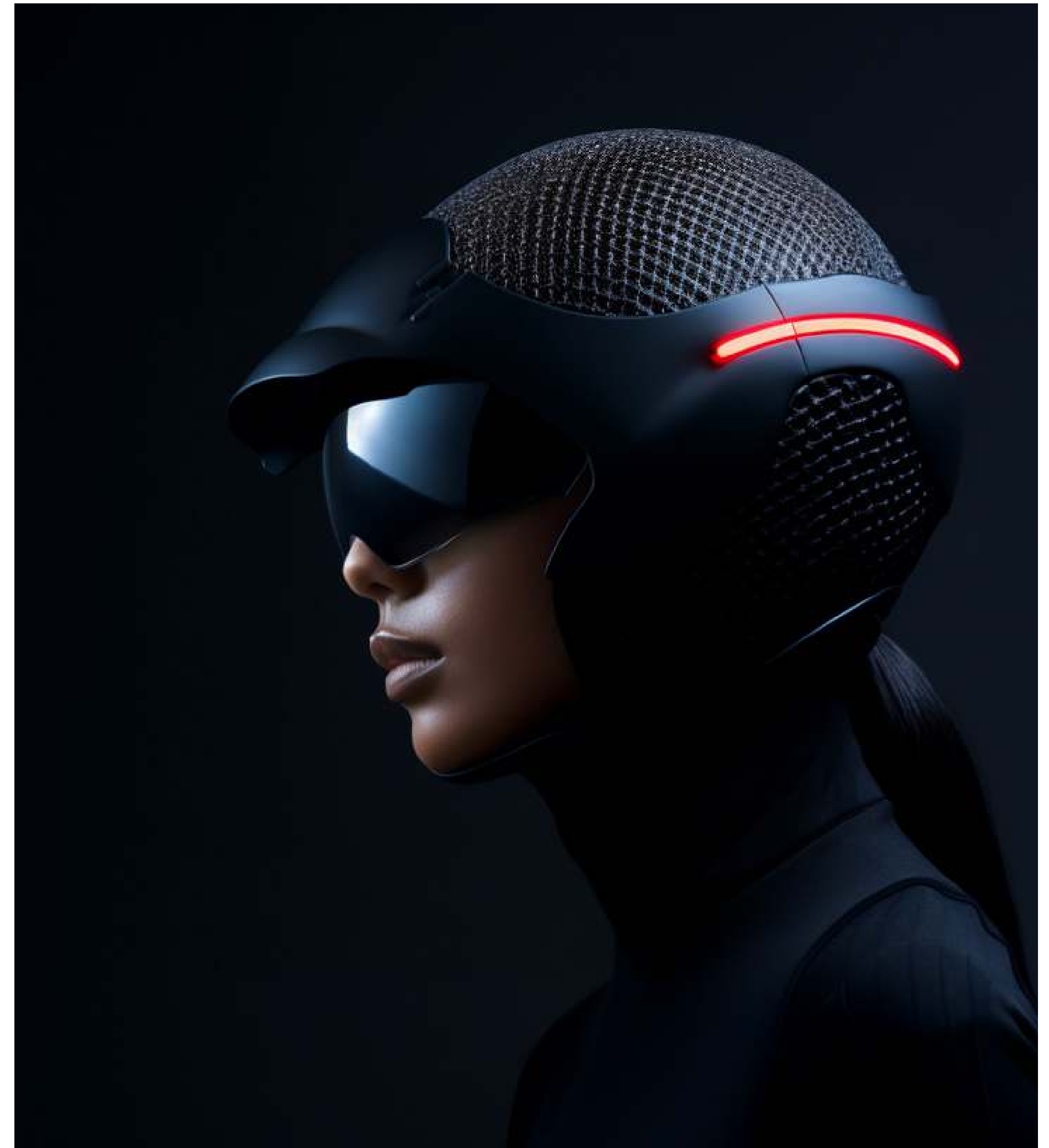
10 Years

Accompanying our clients innovating on physical and digital products through

Design + Engineering

+ Advanced Manufacturing.

At bigD, we redefine design innovation by seamlessly blending visionary concepts with precision engineering and advanced manufacturing. We craft solutions that push boundaries, backed by an award-winning legacy and a commitment to client success. As the driving force behind transformative designs that lead markets, welcome to bigD, where innovation takes center stage.



This is bigD

2 business units

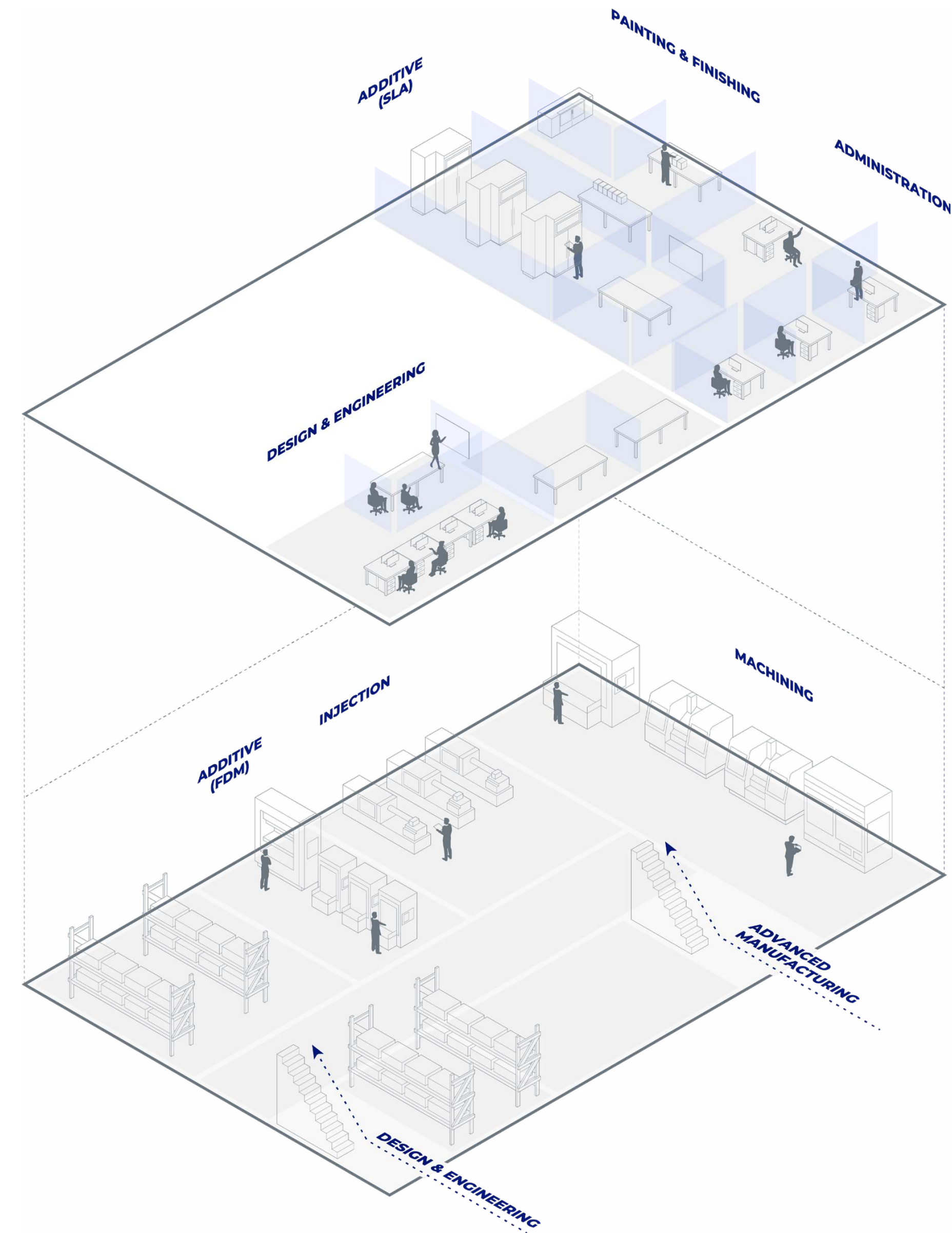
that makes an unbeatable service for our clients, merging +25 years experience on manufacturing by Wehl&Partner with +10 years of design talent in bigD.

Design for Industry

We specialize in both **Industrial Design** and **Digital Design**, creating innovative, user-centered physical and digital products. Our focus is on delivering excellent design, usability, and functionality.

Advanced Manufacturing

Through our partnership with Wehl & Partner, we provide Advanced Manufacturing services. This encompasses the utilization of various **subtractive** and **additive manufacturing** technologies for producing prototypes and series production parts.



This is bigD

Internationally located

Head Quarters

Pol. Ind. Morea Sur Ampliación Calle
D, 31191 Beriáin, Navarra, España

Commercial Delegation

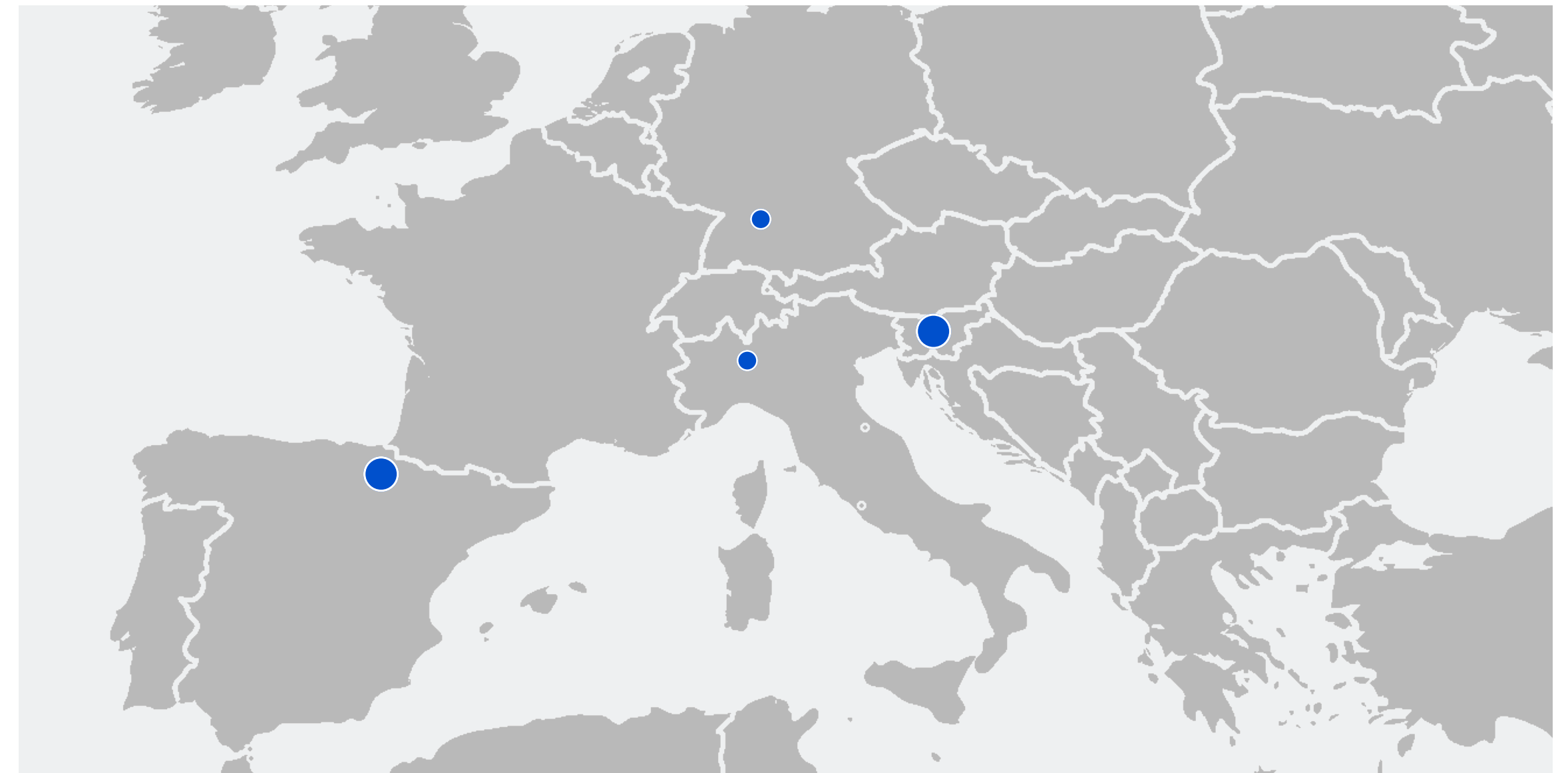
Trg komandanta Staneta 8, 1000
Liubliana, Eslovenia

Partner Office

Via Giovanni Bellezza, 7, 20136
Milano MI, Italia

Wehl & Partner german manufacturing plants

Rottweil, Deutschland / Salach,
Deutschland



This is bigD

Industry specialized

We design technical and technological products tailored to demanding industrial b2b markets.

At bigD, our expertise lies in crafting products tailored for industrial applications. We take pride in creating designs that not only meet but surpass stringent industry standards, including IP ratings, UL regulations, and demanding environmental conditions. Our commitment to ensuring durability, cost-effectiveness, and strict adherence to standards guarantees that your products are reliable, compliant, and prepared to excel in challenging environments.



This is bigD

Working for leading clients

We collaborate with leading clients as their design partners

ABB

BELLOTA

Ingeteam

Sunsundegui

COMANSA

CEGASA

3M

VeriDas

tematic

meler

Be Planet factory

and many more



This is bigD

+15 International Awards

That support the quality of our work and provide confidence to our clients, while also elevating their products to the top international design level.



**FROM SPAIN
WITH DESIGN**



This is bigD

ISO 9001 & 14006 Ecodesign

Help us ensure proper project management of complex projects meeting quality standards.

ISO 9001 and ISO 14006 play pivotal roles at bigD in streamlining our industrial design activities. ISO 9001 enables us to uphold quality management systems, ensuring consistent and exceptional design processes

Certifications:



This is bigD

+30 great professionals

We count with young talented professionals and senior engineers to face the most demanding projects.

From qualified technicians expert in manufacturing and materials that control our machinery, to engineers at our technical office that excel in both design and engineering. Our supporting team of sales and post sales are always willing to help our clients.



This is bigD

Industrial Design

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Our Services

Industrial Design >



Design and engineering of innovative products that stand out from the competition.

Digital Design >

UX/UI Design



Interface design with user experience at the center.

Advanced Manufacturing >

Powered by Whel&Partner



Manufacture of parts and assemblies from prototype to series 0.

Our Services

Advanced manufacturing

We have in-house the technology to manufacture from prototypes to short series, providing advanced manufacturing services. We combine both additive and subtractive processes.

From design to manufacturing, everything in bigD.

Powered by:



Our Services

Advanced manufacturing

Machining

3-axis and 5-axis machining centres where initial detail samples, series production parts and small batch series are produced. We work with all base plastics and metals.

5 robotic axes

Several centers 3 axes

CNC programming

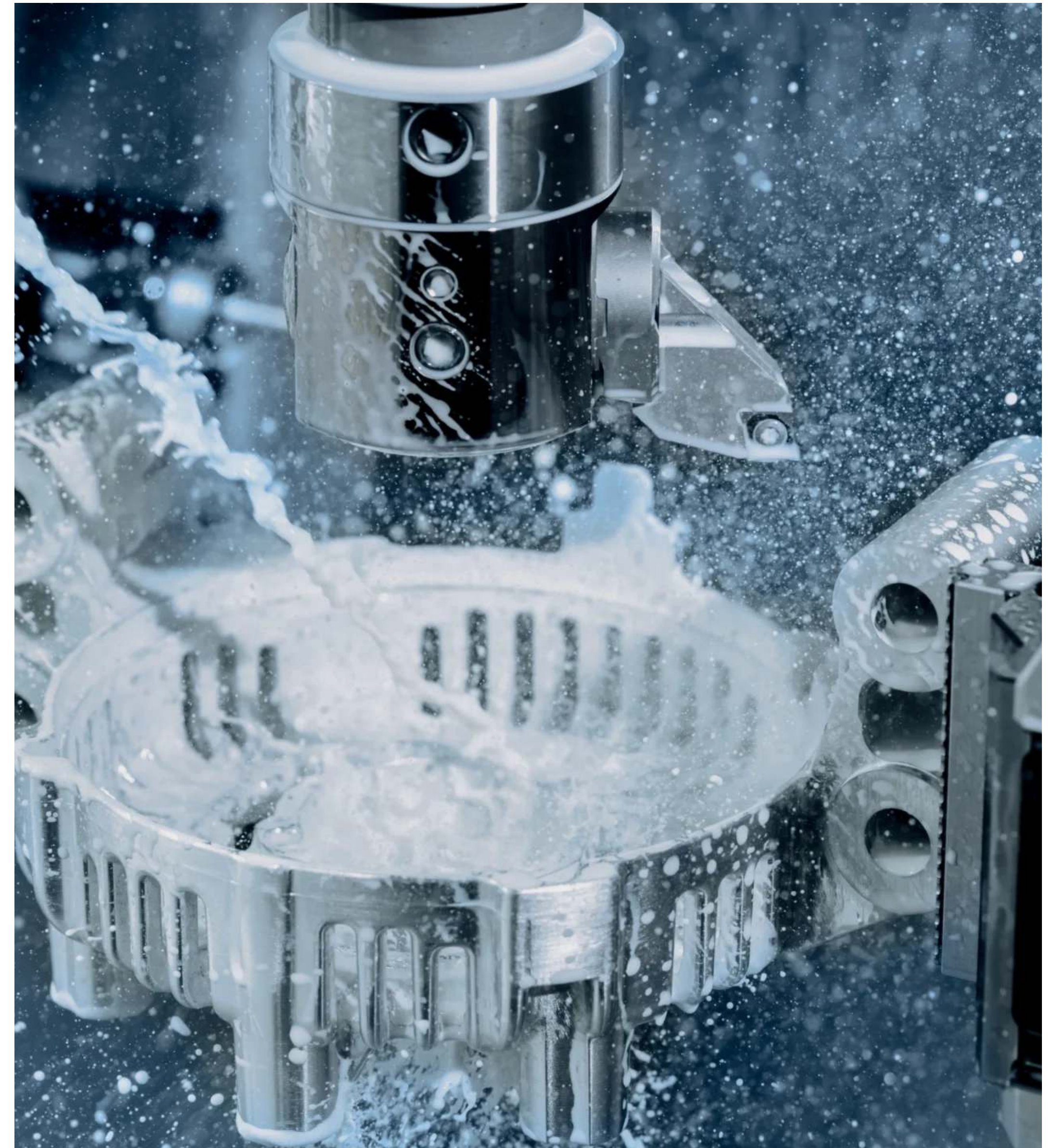
LowRes prototypes

Up to X=1300, Y=635, Z=635

Plastics and non-ferrous metals

PBT GF30, PAGF30, POM...

Aluminum, Magnesium...



Our Services

Advanced manufacturing

SLS sintering

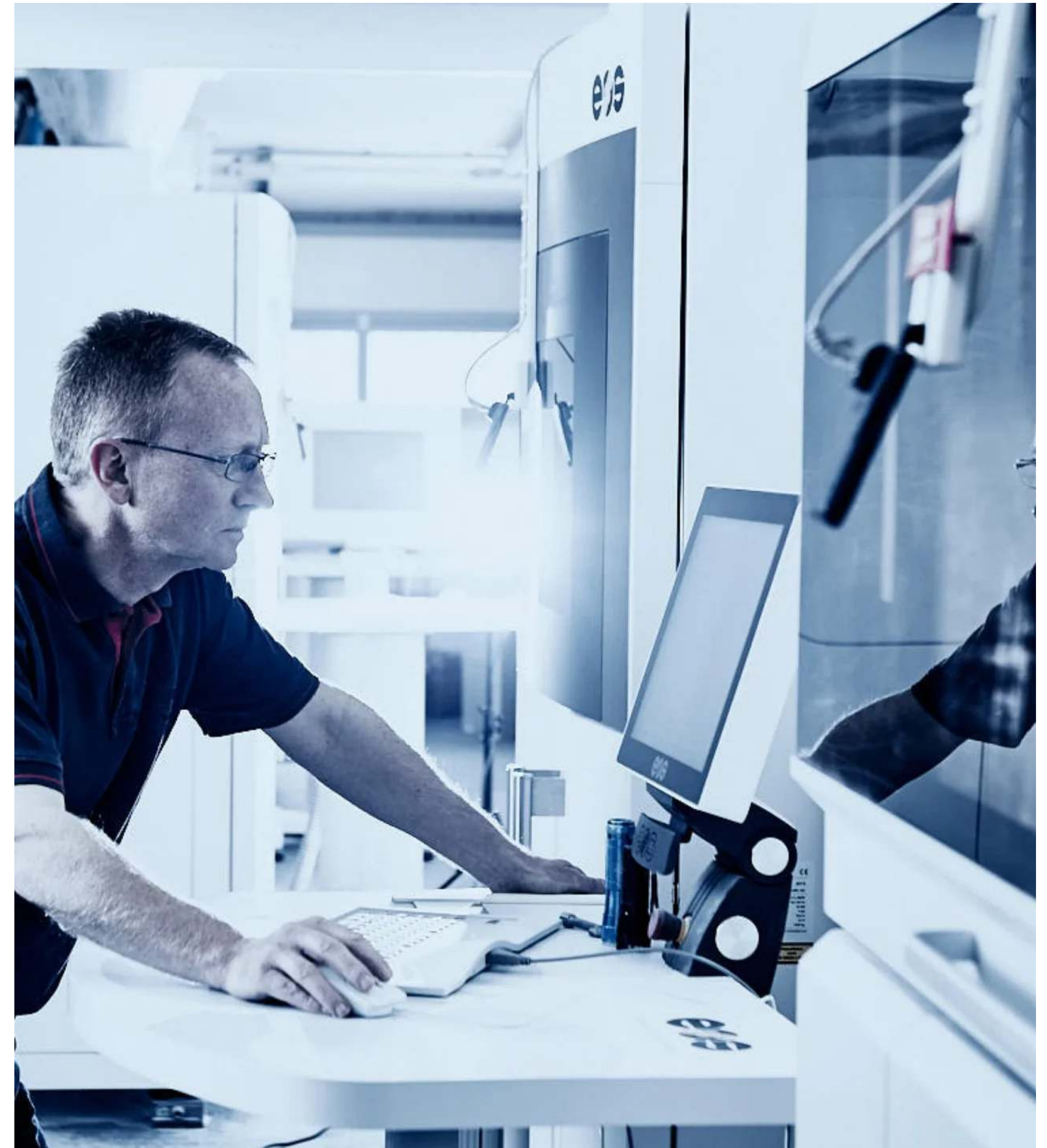
The most versatile solution: with SLS-sintering we offer fully functional parts in PA12 for initial prototypes and small batch series.

Tolerance $\pm 0.15\%$

Layers 0.1-0.2mm

Easy to re-machine

Suitable for functional tests



Our Services

Advanced manufacturing

FDM

From the first functional prototype to the small batch series, generating stable and precise parts for large formats.

Fortus 450 (x2)

Fortus 900 (x2)

Large pieces

Tolerances of approx. $\pm 0.2\text{mm}$

Food certification

Biocompatibility

UL94 - V0

ABS M30, HANDLE, PC, ULTEM9085, ULTEM1010



Our Services

Advanced manufacturing

DLP/STL photopolymerization

Using the latest laser technology, liquid epoxy resins are hardened in layers. As a result, a three-dimensional model with fine details, functional areas and clean surfaces is obtained.

Tolerances of approx. $\pm 0.1\text{mm}$

Up to X=500, Y=500, Z=500

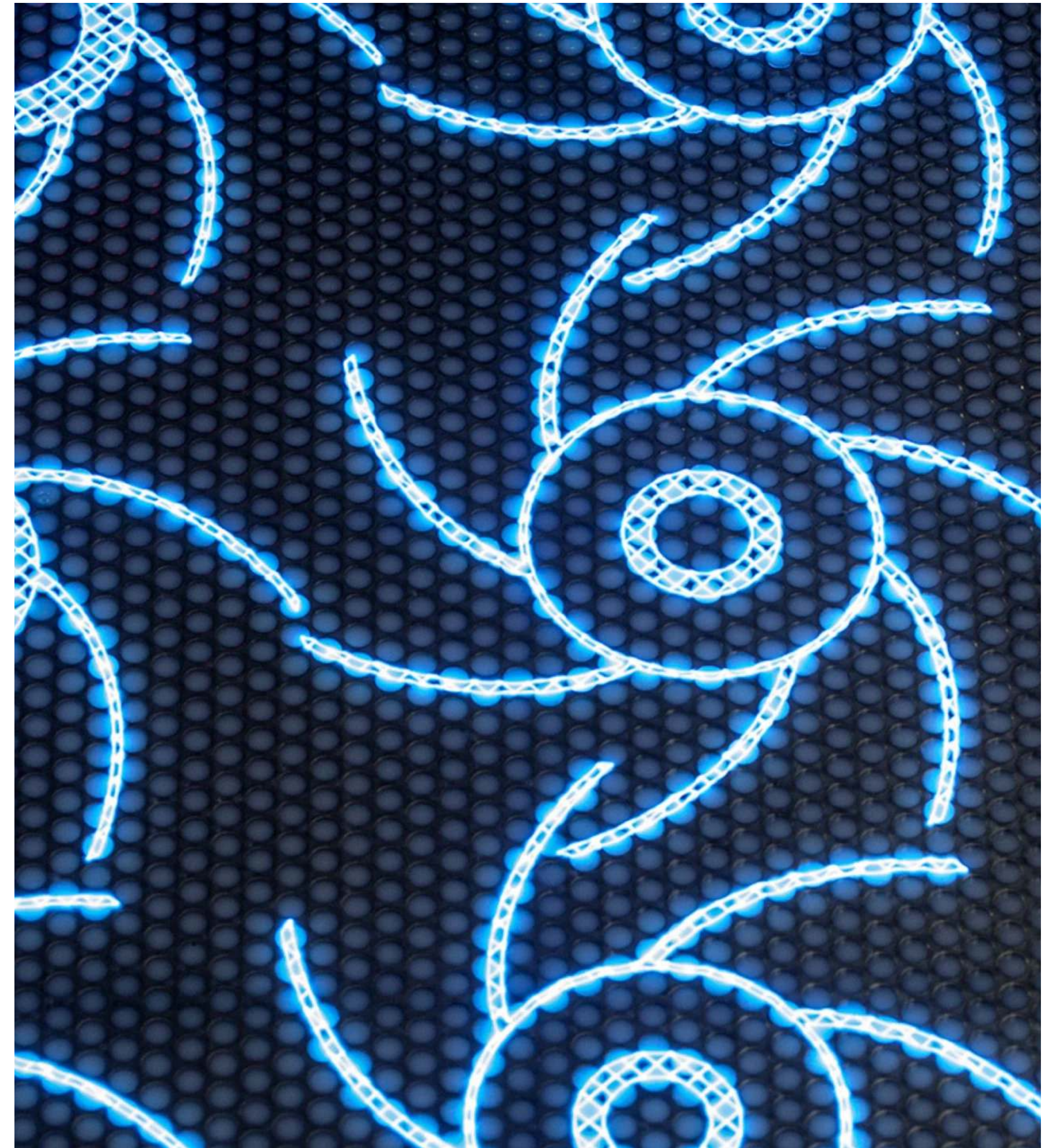
Great surface quality

Master for vacuum casting

Variety of materials

UL Certifications

Biocompatibility



Our Services

Advanced manufacturing

Silicone molds

A close-to-reality prototype or a pre-series in similar material to the original. We are able to greatly reduce product development time, analyze design weaknesses in advance, and significantly reduce production costs.

Chambers up to 1 cubic meter

Plastics, elastomers, silicone

Material resistance up to 200°C

Metal inserts/overmoldings

Transparent pieces

Pieces in color

Bicomponent parts



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Our Services

Advanced manufacturing

Mold fabrication & Injection

Production of prototype molds for small batch series with rapid design of molds, exploded views and electrode construction. The ability to manufacture multi-component parts and parts with metal inserts.

From 1K to 10K pieces

Multiple cavities

Max size of mold 470 mm

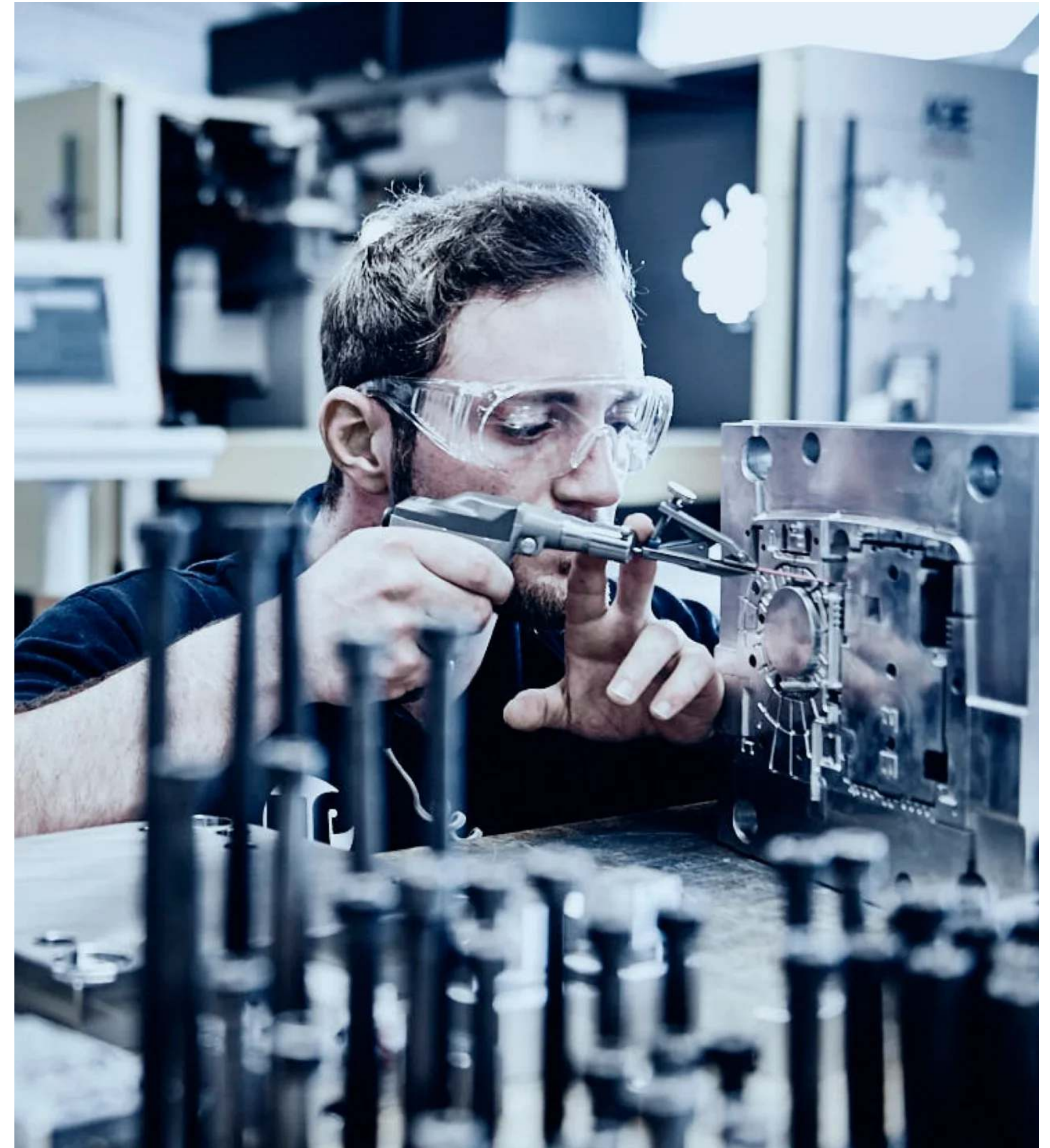
Arburg Machinery

Complex parts

Inserts and Undercuts

Volume up to 250 cm³ approx.

Colorable material



Contact

Let's get in touch

+4 Countries

Spain, Italy, Slovenia, Germany

Head Quarters

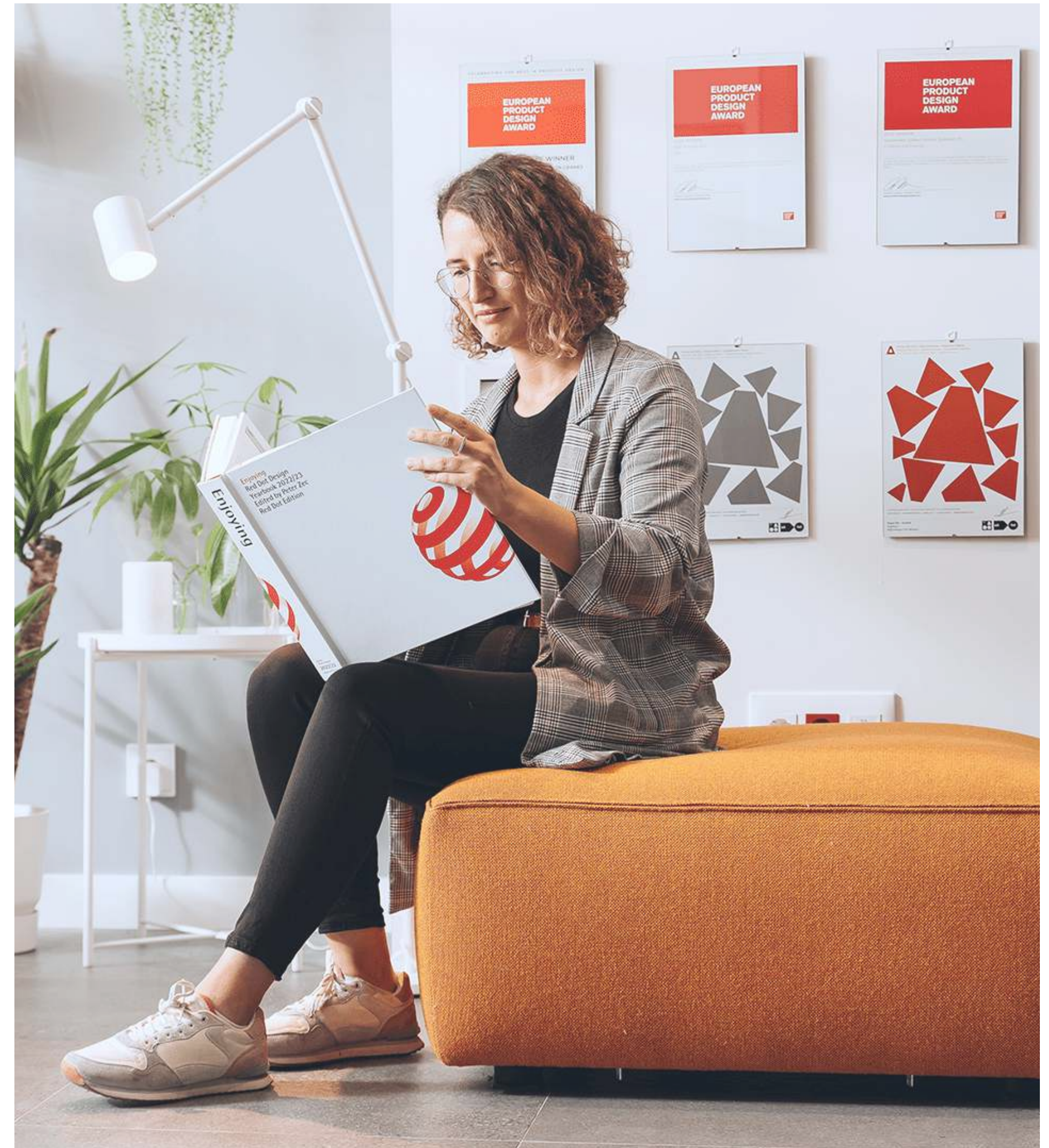
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D, 11, 31191 Beriáin, Navarra, España

+6 Languages

Spanish, German, Italian, English,
French, Slovenian

✉ info@bigd.es

🌐 bigd.es



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