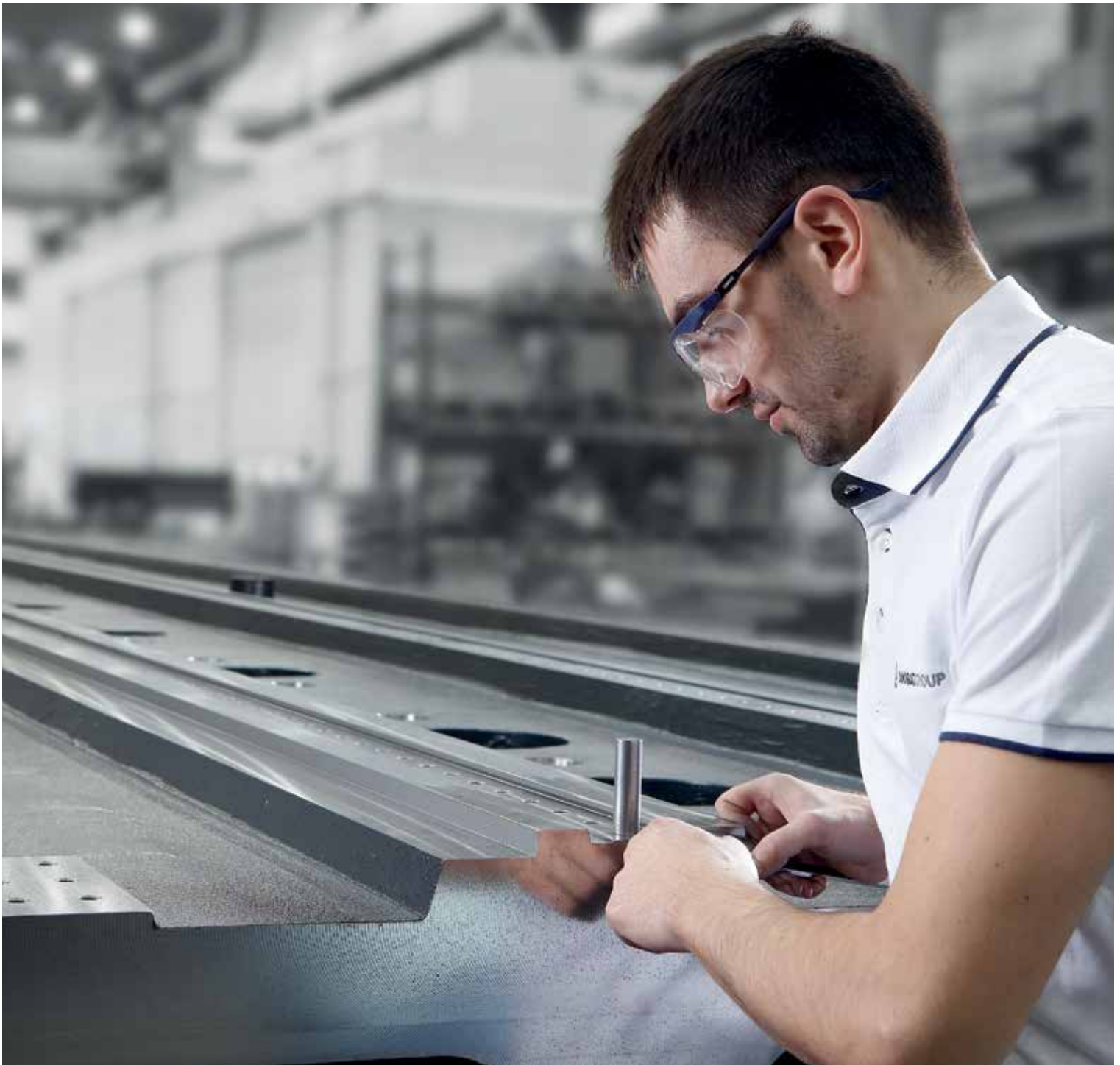




## **TOTAL MACHINING SOLUTIONS**

GUARANTEERING THE HIGHEST QUALITY



Total Machining Solutions

# Your partner for precision machining

At Goimek we are specialists in total machining solutions. We have solid experience in advanced machining processes for strategic parts for demanding sectors, in full compliance with the required quality.

We have cutting-edge facilities equipped with high-precision and high-output machines for the most advanced machining processes, complemented with the latest generation of verification means. Our production means and our professional skilled personnel guarantee work is done to the highest standard to the full satisfaction of our customers.

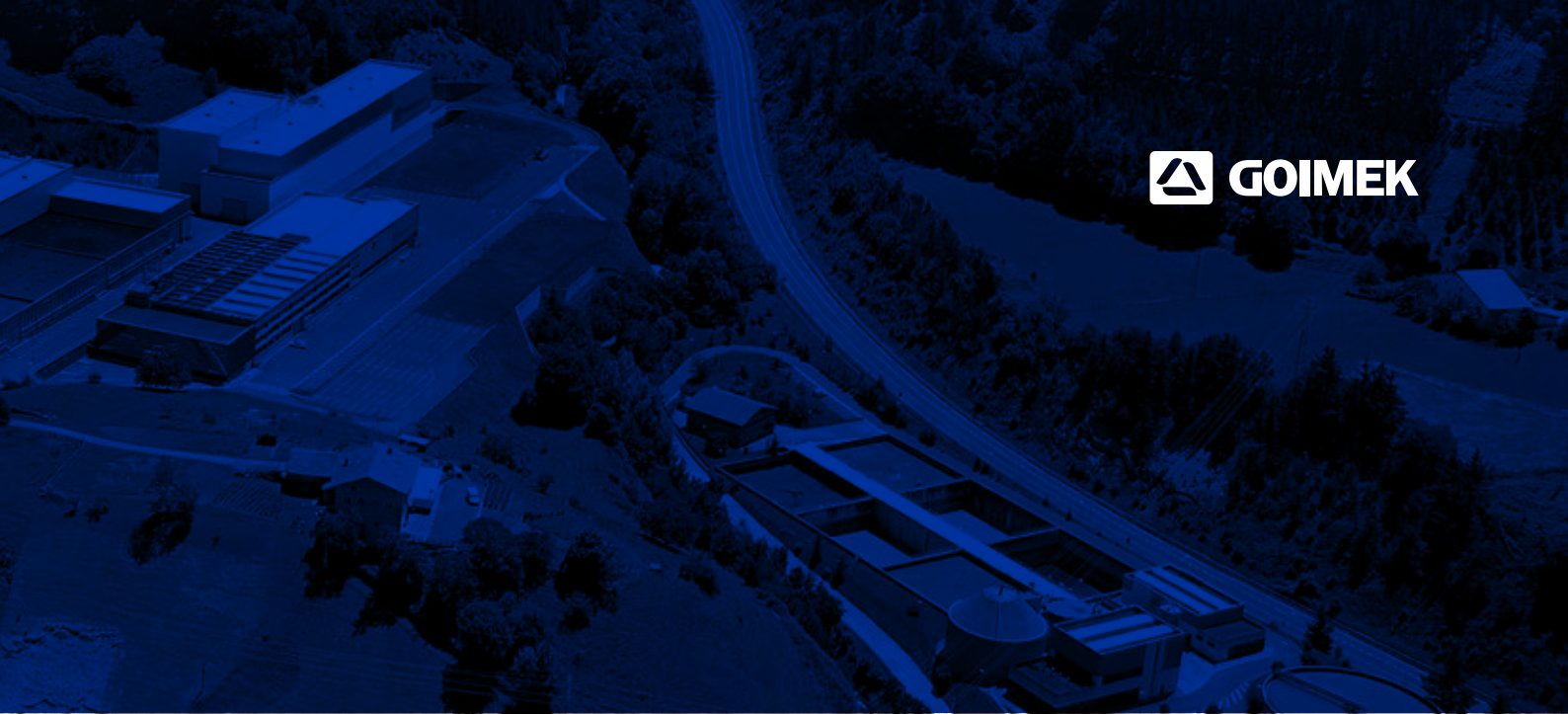
Our production plants are located in the Itziar industrial estate and in the Goitondo industrial Estate in Mallabia. Both traditional enclaves in the machine-tool sector, they enjoy an excellent location for facilitating the logistics of the parts as well as visits from international customers, as it is located 45 minutes from Bilbao airport and one hour from Biarritz airport.

More than

**50  
years**

managing complex  
projects for the most  
demanding industries








## Part of Danobatgroup

Goimek forms part of Danobatgroup, the machine-tool division of the Mondragon Corporation, one of the largest business groups in Europe.

This gives us a good industrial basis and financial solvency that allows us to continue responding to future challenges from a culture and principles based on people and collaboration.

## Main figures

	 <b>MONDRAGON</b>	 <b>DANOBATGROUP</b>	 <b>GOIMEK</b>
Turnover (M.€)	11,404	254	11
People	80,786	1,400	85


## R & D

At Goimek, we collaborate closely with Ideko, the research and technology centre specialising in advanced manufacturing technologies, with which we work actively both in the transfer of talent and in the use of its cutting edge installations for our projects.

More than 2000 m2 distributed over two buildings orientated towards the validation and testing of machining processes, as well as related technologies:

- DGIH (Digital Grinding Innovation Hub).
- Space for robotics and additive manufacturing.
- Precision, Inspection and Measurement, High Performance Dynamics, Composite, Laser and Digital laboratories.





Total Machining Solutions

# High added value solutions

At Goimek, we have extensive experience and a technical team specializing in precision machining as well as large machining operations for a wide variety of sectors.

We are specialists in offering machining solutions for different sizes and types of parts, as well as on demanding materials.

We have a highly qualified team which is fully involved in each project, and an engineering team that ensures correct manufacture and measurement of the workpieces so that the final solution meets the customer's requirements.

Our service includes the purchase of materials for casting, sheet metal, shot and wet blasting, heat and surface treatments, which guarantees perfect traceability and total control of the parts to be machined.

We also have our own painting facilities so that we can deliver the parts painted in the colours and textures required by each client.

# Precision machining

We offer a wide range of precision machining solutions for both prismatic and rotary parts.

Our precision machining solutions are aimed at sectors such as machine tools and aerospace, where we work with very tight tolerances to the micron, and with parts with complex geometries and demanding materials such as titanium, aluminium, stainless steel, Inconel, etc.

We have proven experience and background in machining of strategic applications such as reflectors and compressors for the aerospace sector, as well as headstocks and tailstocks for the machine tool sector.

Based on our specialization in these sectors, we offer technical and professional support in machining engineering with a team of highly experienced engineers who assess the production and machining processes of the parts together with the customer and provide solutions to optimise them.



# Large machining operations

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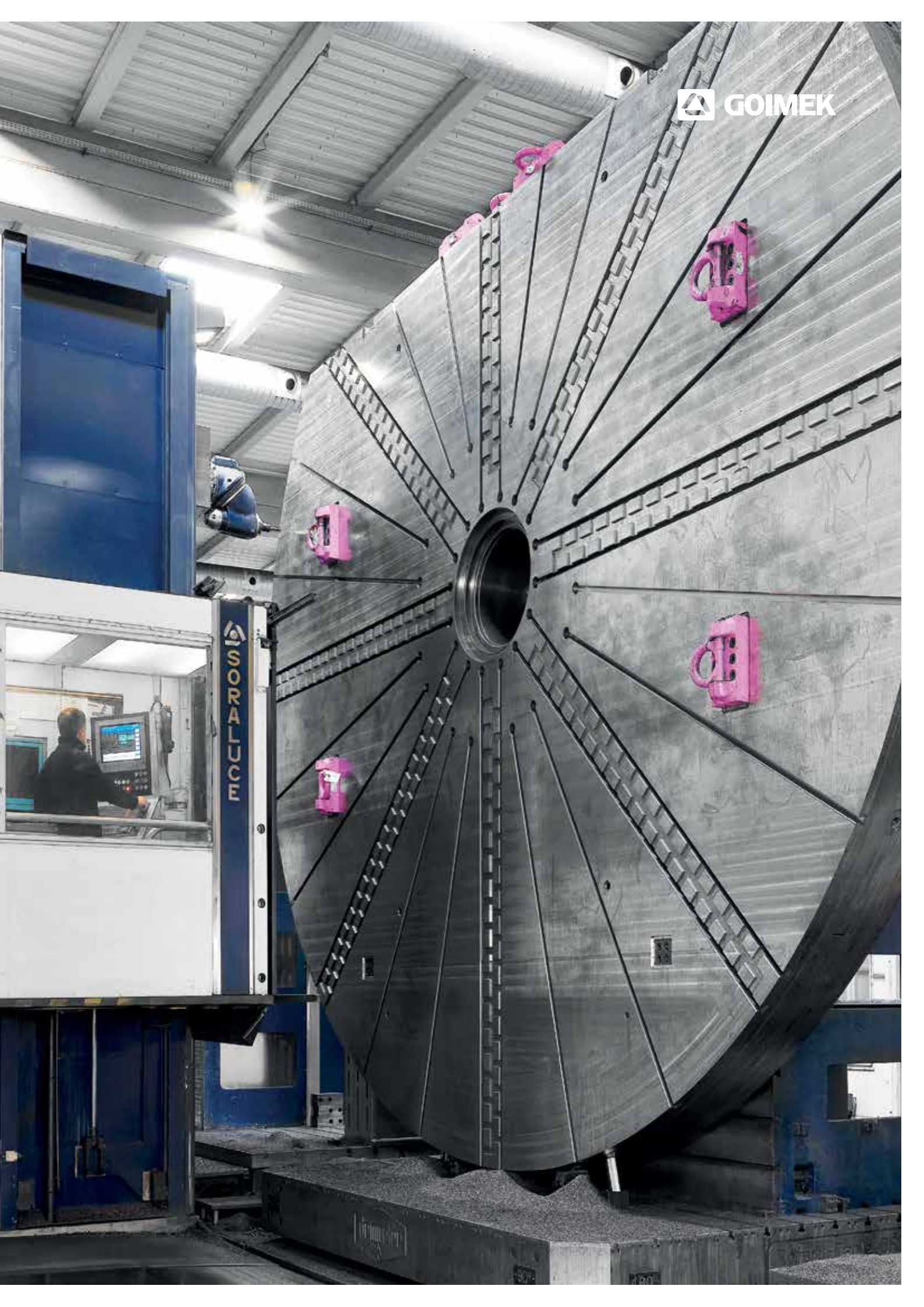


We are specialists in large part precision machining. Starting from cast iron or mechanically welded structures, we perform finishing operations with milling, turning and grinding.

Our solutions in large machining are aimed at sectors such as wind energy or the machine tool industry where we work with very tight tolerances on crucial and structural parts.

In sectors as technical as these, extreme adaptability is a must in order to fulfil the requirements of each project. We are able to machine large batch serial production meeting tight deadlines.





# State-of-the-art production means

We use state-of-the-art production means for each operation to offer our customers the highest quality and precision for their machining requirements.

We use leading-edge technology on the following machines: multifunctional milling machines, floor type milling machines, 4 and 5-axis machining centres, boring machines, gantry milling machines, as well as surface, cylindrical and jig grinding machines.

Thanks to the diversity of our production means we cover a very wide range in regards of workpiece size, from machining parts of 10 mm up to 22 metres in length.





# Milling - boring

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## MACHINERY

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Soraluce PM -10.000	Soraluce FS -16.000
Soraluce FX -10.000	Soraluce TR -35
Soraluce FR -12.000	Toshiba -1.000
Soraluce PMG -22.000	

## MAXIMUM TRAVERSES

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X: 22,000 mm

Y: 4,800 mm

Z: 3,000 mm

## MATERIALS

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Steel	Aluminum
Cast iron	Stainless steel



# Milling - turning

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## **MACHINERY**

Milling machine Soraluze FS - 16.000

## **TECHNICAL CHARACTERISTICS**

Travel strokes: X: 16,000 mm    Y: 3,600 mm    Z: 1,500 mm

Rotary moving table: 3,000 x 2,500 mm

Machining in 5 continuous axes for complex geometries

Vertical turning: rotating table of  $\varnothing$  3.000 mm W: 2,000 mm.

Turning capacity up to  $\varnothing$  7 m



# Grinding

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## **MACHINERY**

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### SURFACE GRINDING MACHINES

Danobat RG-600

Waldrich Coburg

RTL-800

### CYLINDRICAL GRINDERS

Danobat UG-51

Danobat UG-41

Danobat R-1500

### COORDINATE GRINDING

Hauser 3 SM-DR

Hauser SM-DR

## **MAXIMUM TRAVERSES**

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X: 9,000 mm

Y: 2,000 mm

Z: 700 mm

Ø 450 x 1,500 mm

## **MATERIALS**

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Steel

Aluminum

Titanium

Cast iron

Stainless steel

Nickel base alloys



# 5 axis machining

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## **MACHINERY**

Hermle C40U

Hermle C42U

## **MAXIMUM TRAVERSES**

850 x 800 x 550 mm

## **MATERIALS**

Titanium

Steel

Inconel

Stainless steel

Aluminum

Vespel



# Metrology

## Verification services

Just as important as the manufacturing process is the subsequent verification and certification of the parts. That is why at Goimek, we offer a verification service for parts and measuring standards or checking fixtures, for which certifications can be issued if required.

We have a specialised and trained team, who are supported by state-of-the-art technology such as the MMZ B three-dimensional machine and the ACCURA machine from ZEISS.

As well as that, Goimek has a preferential collaboration agreement with ZEISS, which enables us to offer our customers a wide range of measurement and certification services.

### CMM ZEISS:

- MMZB (X=2,000; Y=5,000; Z:1,500)
- Zeiss Accura (X=1,200; Y=3,000; Z:1,000)
- Zeiss Prismo with 4 axes
- Faro Laser tracker
- Verification and control equipment



# Quality and comprehensive service

At Goimek, we rigorously control each machining phase, backed by exhaustive checks and measurements of each manufactured part carried out by the metrology team. Furthermore, our machines are periodically checked to ensure an optimum machining capacity and accurate precision status.

We enter into a strategic partnership with our customers, hence they can rely on us as a trusted partner throughout the entire process and we can ensure the best processes and results for the machining of their parts.

We have been awarded the EN 9100, ISO 9001, ISO 14001 and ISO 45001 certifications. We offer a comprehensive service, advanced production means and state-of-the-art measuring means that allow us to offer customised, highly demanding solutions with maximum precision.

## WE HAVE THE FOLLOWING QUALITY CERTIFICATES:

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**EN 9100**

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**ISO 14001**

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**ISO 45001**

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**ISO 9001**

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### **Technical cooperation during the design phase**

Supporting clients to optimise the manufacturability of their designs and thus find the most efficient and competitive solution.

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### **Concurrent engineering**

The main guarantee is the know-how in precision machining cultivated in several high demand sectors.

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### **Materials purchase management**

Goimek's team is in charge of managing the purchase of the required materials. Materials such as titanium, nickel alloys, stainless steel, aluminum...

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### **Machining according to client specifications and technical requirements**

Turning ideas into tangible solutions. Based on customer drawings, Goimek provides a service according to the requirements of each project and product.

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### **Thermal and surface treatments**

As part of our comprehensive service, we manage thermal and surface treatments (Alodine 1200, Surtec 650, anodizing, Gold plate, Astroblack, etc.).

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### **Verification service**

Thanks to our metrology team, we are able to rigorously control each machining phase. This team of qualified workers is responsible for the necessary checks and measurements. In preferential collaboration with Zeiss, it offers a wide range of possibilities.

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### **Warranty and quality**

In line with our commitment to excellence, 10% of our team belongs to the quality department, a truly high percentage for a machining company.

## Goimek

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**DANOBATGROUP**

