

Tomorrow belongs
to those who can
hear it coming.



Embracing the Power of Challenges

Challenges require of you what is needed

Challenges are not random incidents; they signify our development and act as a vital catalyst for improvement. As a company, we define our identity by confronting and conquering significant and exciting challenges. These challenges propel us ahead, fostering ongoing progress.

At Danobat, we are dedicated to driving positive change in individuals, businesses, and the environments where we work. We believe that embracing the challenges presented to us is the most effective way to bring about this transformation. These challenges serve as the foundation for our excellence, enabling us to pioneer ground-breaking, inventive, and innovative manufacturing solutions.

We are constantly pushing the boundaries. That is why we place greater importance on discussing what we are going to do rather than dwelling on past achievements. Experience is valuable, but it is the challenge that drives us. Our future, and the future of everyone, lies in the challenges that lie ahead. Every answer leads to a new question, and every solution propels us toward the next phase of the future.

Innovation is not solely about numbers; it is about the mindset and eagerness of the people around us to innovate. It is an attitude that sparks thoughts and drives actions toward innovation. Innovation is an ongoing challenge, an internal impulse that transforms into an external force.

Challenges demand courage and also provide it. They fuel our competitiveness, support our growth, and offer opportunities for self-improvement. Challenges sharpen our intellect, driving societal transformation and shaping our own evolution.

At Danobat, we may not know precisely what tomorrow holds, but we are certain that we will face it head-on. To achieve our goals, we rely on you and the challenges you present to us.

So, do you have a challenge for us? Together, we can shape the future.



Xabier Alzaga
CEO
DANOBAT

Innovative solutions for a better future

In the words of David Bowie, “Changes are takin’ the pace I’m goin’ through”. Changes are beneficial for those who see them as the perfect ally for progress, for self-learning, for keeping rolling so as to prevent moss growing on stones. That is why it is important to promote change. Moving forward step-by-step, with each step revealing the next. Changing instead of being forced to change. Because then you have control of your life. In time, past challenges all grow old but it is always exciting to discover and tackle a new challenge. If you are our challenge, we will be your innovative solution. The future belongs to those who can hear it coming. The future lies on every step along the path.

We boost change

We develop high value-added, advanced and tailored solutions to the specific requirements of companies in strategic sectors, for the manufacturing of precise components.

At Danobat we have been developing cutting-edge technological solutions for industrial manufacturing for 70 years.

We began as specialists in the manufacturing of machine-tools, and since then we have travelled an unstoppable path of change that has enabled us to continue innovating as we have shifted from standard equipment to solutions designed specifically to meet the requirements of our customers.

Our next achievement on our way forward was to build up a range of advanced services that enable us to guarantee

the quality of the solutions that we provide throughout their useful lifetimes.

From the outset and up to the 21st century with its digital revolution, we have developed in step with advances in technology, moving from the manufacturing of machinery to the provision of excellence-based services and becoming a strategic partner for our customers, who trust us to stand side-by-side with them throughout the process with the mission of guaranteeing that the solutions that we develop will continue to work just as they did on day one.



Innovative solutions

We specialise in producing high value-added, innovative technological solutions that help industry to become more competitive.

Our mission is to provide a response tailored to the requirements of our customers, based on our expertise in the technologies applied to industrial manufacturing with intelligence, commitment, creativity, rigour and professionalism.

Our track record, experience, expertise and high level of specialisation mean that we are capable of developing innovative solutions and thus forming long-term partnerships that bring value to and boost change at our customers.

We work with complex industries such as aerospace, automotive and e-mobility, railway, energy generation, healthcare, semiconductors and

capital goods, offering state-of-the-art technological solutions.

We stand on the cutting edge of automation, and offer across-the-board solutions based on smart processes and integration of production systems. We also offer a full range of digital solutions for making machines smart.

- Highlights
- Grinding machines
 - Hard turning machines
 - Hybrid machines
 - Machines for railway wheel-sets, wheels and axles
 - Aerostructure manufacturing equipment
 - CNC robotics for precision machining
 - Automation
 - Digital solutions



Digital focus

Digital technology has transformed the way in which we shop, travel and communicate. We live digital lives. Industry is no exception to these changes, so at Danobat we integrate innovations in information and communication technologies into all the solutions that we offer, seeking to enhance the digital development of our customers.

Information, connectivity, data analysis and usability are just some of the advantages of the digital environment as a key in helping us to learn more about how production systems operate and enabling us to draw up continuous improvement strategies for users.

We think and act digitally. We are interconnected and so are our production systems and equipment.

Our digital solutions have been conceived to prevent unplanned

downtimes and reduce maintenance costs by monitoring machine health data. Moreover, our customers can rely on data for quality assurance and minimise inspection times. They can also automatically display real-time OEE data and improve production efficiency.

By integrating digital tools into our machines, we achieve energy savings while remaining committed to our sustainability goals. Through the strategic implementation of these tools, we optimise resource consumption and foster eco-friendly operations, actively contributing to a greener future for both our customers and the planet.

- Highlights
- Apps to check machine health
 - Apps to enhance machining processes
 - Assesses monitoring with our industrial Edge platform
 - Multiconnectivity
 - Cybersecurity
 - Energy saving



Advanced services

At Danobat we offer the services that industry needs, such as corrective maintenance strategies and spare parts services, but we always try to go one step further and anticipate changes in the sector. Accordingly, we provide a broad range of high value-added services which are completely customised to meet the challenges faced by our customers.

Our range of services is intended to address challenges, anticipate the future and provide assurances for our customers that they can devote all their time and resources to their own operations.

We set out to be a partner that provides innovative services throughout the life-cycle of the solutions that we manufacture, so as to ensure that they perform to the highest standards.

In short, as a technology partner, we enable our customers to compete harder and better by cutting maintenance costs, increasing the availability and working lifetime of production equipment and optimising it as new developments and processes become available.

- Highlights
- Service centers all over the world
 - Spare parts shipped immediately
 - Maintenance
 - Upgrade
 - Retrofitting
 - Retooling
 - Advanced training

For you and your future challenges

Strategic sectors such as automotive and e-mobility, aerospace, rail transport, healthcare, semiconductors, capital goods and energy generation require innovative solutions that ensure maximum profitability. [And at Danobat we provide them with the response that they need.](#)

The world faces major challenges. With a constantly growing population it is essential to design new innovative production systems to ensure sustainable progress.

Mobility of people, transportation, logistics and the manufacturing of light, environmentally friendly materials are just some of the challenges facing us. We need

to generate energy more and more efficiently and cleanly, to make fast, precise machinery and to ensure communications and the transfer of information between people and machines.

Against this backdrop of constant challenges, we at Danobat are not afraid of change, and work to build the future with you. Why not come along with us?



An aerospace journey

People are travelling more and more and further and further. Increases in air traffic call for lighter, more efficient aircraft that consume less fuel and enable journeys to be made in a more flexible, economical, safe and environmentally friendly way.

At Danobat we respond to the challenges facing the aerospace industry, which we have identified as a strategic area for action since the 1980s, following a process of reflection with a view to diversifying our specialised operations.

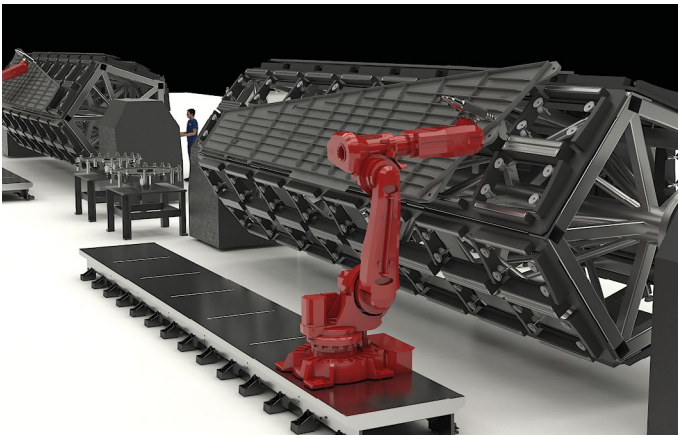
Since then we have been contributing to technological progress in the aerospace sector by developing advanced solutions for the manufacturing of landing gear and more efficient, less polluting aircraft engines.

We have developed specific cylindrical grinders for each application and we specialise in the grinding and measuring of engine assemblies for the adjustment of moving and non-moving parts, a key aspect in optimising engine performance.

Our capabilities have enabled us to form partnerships with leading engine manufacturers and top airlines, which use our technology.

Over more than 30 years we have worked side-by-side with our customers on the challenges that they face, seeking to meet their needs and become a benchmark in the industry.

In recent years we have also focused on developing innovative approaches for aerostructure component manufacturing. Our solutions include machining with CNC robotics, equipment for automated inspection operations and digitalised solutions.



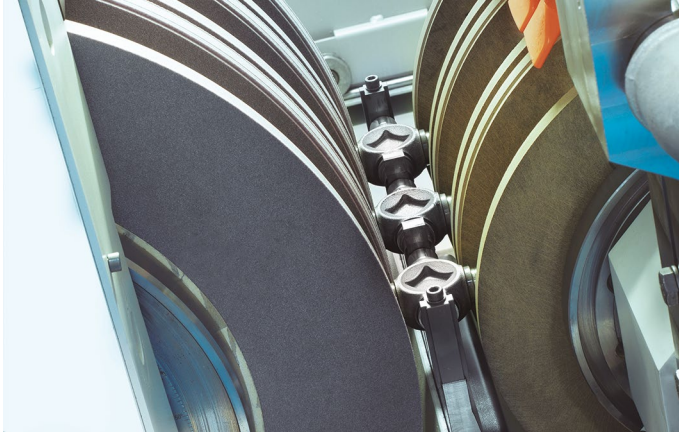
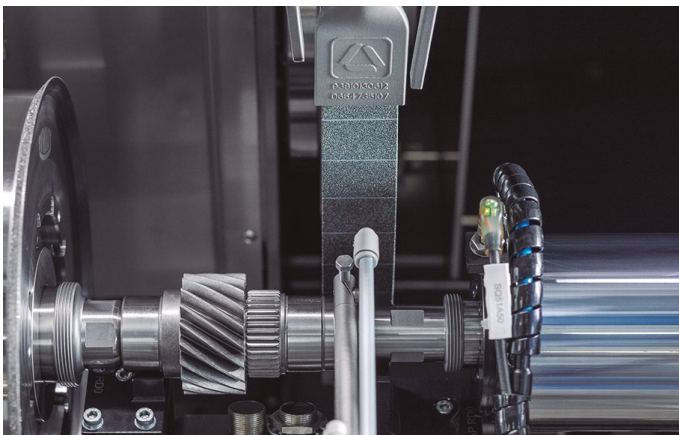
On the road (automotive & e-mobility)

The engine industry faces the challenge of finding alternative power sources, reducing fuel consumption and cutting back on greenhouse gas emissions. The emergence of new models of electric and hybrid cars will enable the automotive industry to shift to a more sustainable paradigm.

From the outset we have developed cutting-edge solutions for the manufacturing of automotive components and have advanced in step with progress in the industry. Thanks to our partnerships with the world's leading vehicle makers we are now working to meet the challenges of manufacturing a new generation of vehicles.

The results of this cooperation include solutions developed for the manufacturing of various gearbox models for conventional, electric and hybrid cars (CVT, AMT, DCT, AT and MT).

In the context of the electrical revolution, we also help to manufacture a number of other elements such as disks and electrical actuators, seeking to increase efficiency.





On rails

Rail transport offers a smart and environmentally friendly alternative to road transport, with greater energy efficiency. To increase the use of railways, faster and safer trains capable of traveling long distances are required. For instance, in Europe and China, extensive high-speed tracks are being built.

We specialise in integrated solutions for the maintenance of various types of rolling stock, including trams, metro, intercity, high-speed trains, and freight. While the railway sector traditionally follows established work protocols, new trends in maintenance and increased safety are paving the way for the introduction of new solutions and the development of advanced technologies.

At Danobat, we strive to address the maintenance challenge by utilising smart machining technology to monitor the condition of components. This enables us to gather valuable information about the status of rolling stock, facilitating informed machining and maintenance decisions that align closely with the actual situation of the components. By doing so, we extend the useful lifetime of wheels and reduce costs.

In summary, we understand the importance of efficient rail transport for both passengers and freight. Through our partnerships, expertise in rolling stock maintenance, and utilisation of smart machining technology, we contribute to the advancement of the railway sector while promoting sustainability and cost-effectiveness.



The boom of renewables

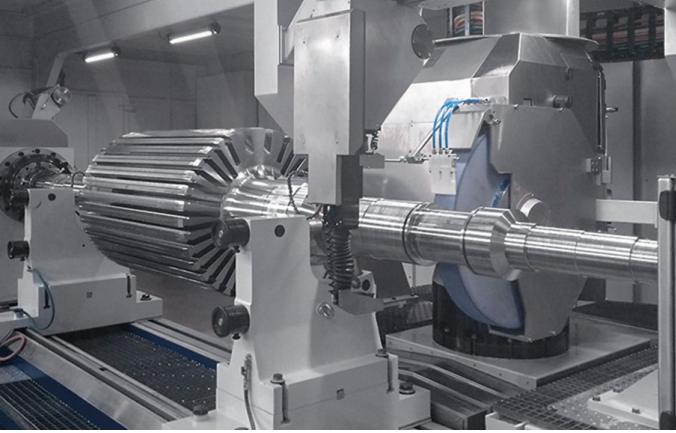
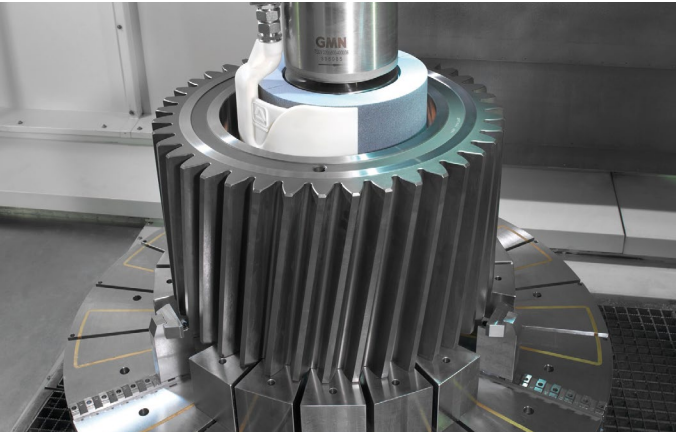
The boom in renewables has brought a renewed focus on clean energy sources, essential for ensuring sustainable development. However, harnessing the power of solar, wind, and wave energy requires substantial investment in cutting-edge technologies to achieve efficient, competitive, and economically viable clean energy production.

Wind energy, in particular, emerges as a promising alternative to fossil fuels, set to play a crucial role in electricity generation over the next decade.

One crucial component of wind turbines is the multiplier, demanding highly stringent precision requirements. Our expertise lies in providing solutions for precisely manufacturing these vital components, ensuring their impeccable performance and reliability.

Our advanced solutions for the manufacturing of high-value-added rings and gears are tailored specifically for wind turbines. We offer high-precision, high-productivity, and customisable horizontal and vertical machining solutions that enhance efficiency and productivity in wind turbine production. Our capabilities include high stock removal capacities for both hard turning and grinding with wide wheels, along with on-machine workpiece measurement and automatic tool change systems.

By collaborating with industry leaders and investing in cutting-edge technology, we strive to contribute to a greener and more sustainable future, where renewable energy sources play a central role in powering our world.



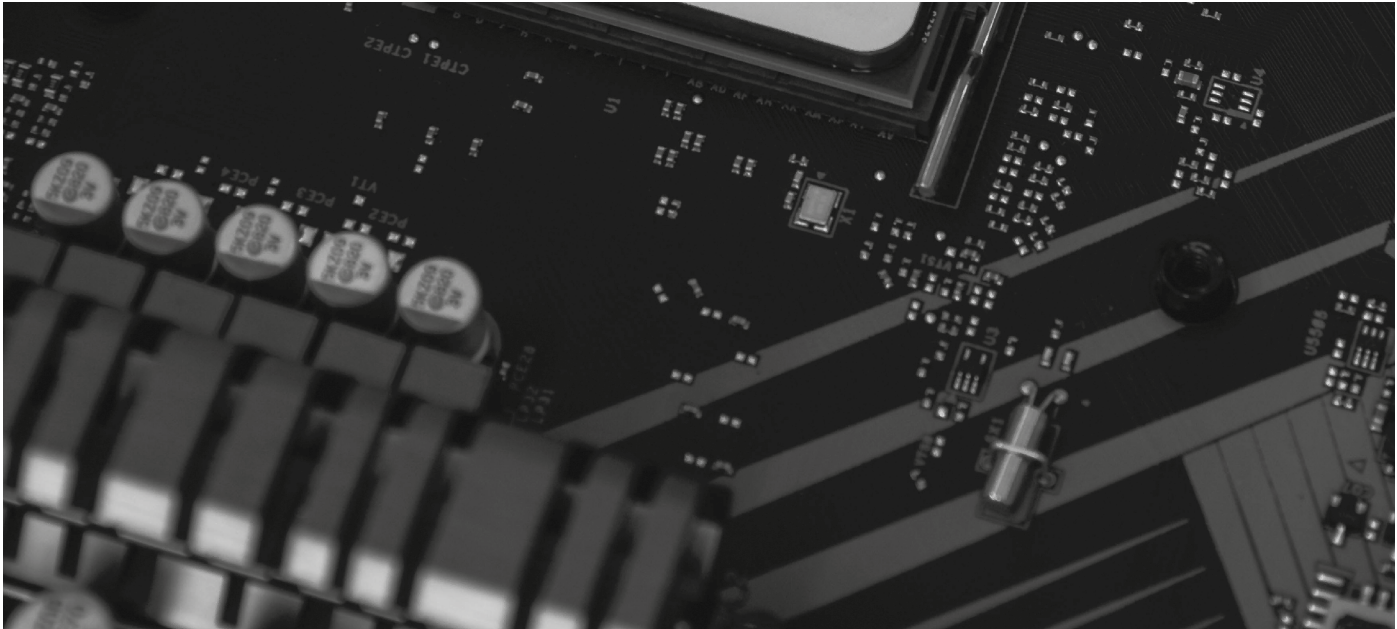
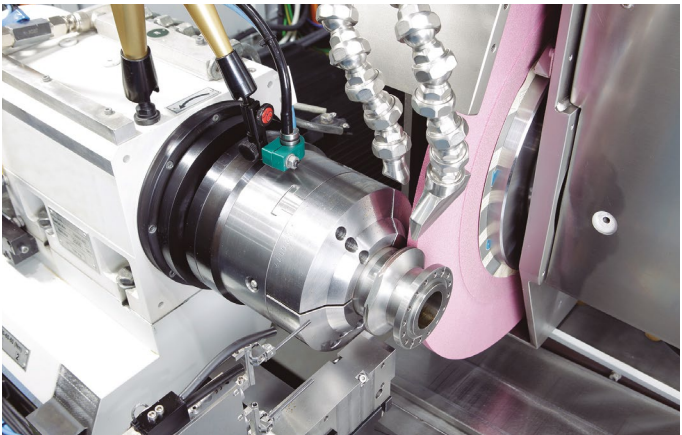
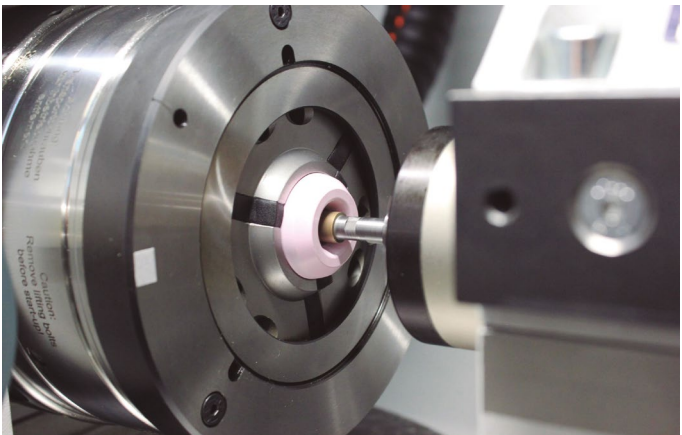


Advancing healthcare with cutting-edge medical technology

The healthcare sector is currently witnessing remarkable progress in medical technology, personalised medicine, telemedicine, artificial intelligence, and regenerative medicine. These breakthroughs are significantly enhancing the precision of diagnoses, treatments, and overall healthcare services, leading to improved patient care and an elevated quality of life.

Our commitment to high-precision machining and specialised technologies allows us to contribute to these breakthroughs by providing advanced solutions for manufacturing critical components used in healthcare machinery, such as bearings.

In addition, we develop customised machines so that our customers can produce exceptional components, such as hip implants, that meet the industry's most rigorous standards.



The evolving semiconductor industry

In the fast-paced world of semiconductors, constant technological advancements drive the need for smaller, more powerful electronic devices. As a result, the semiconductor sector faces the challenge of manufacturing components with increasingly higher precision and stringent processes.

Our dedication to high-precision machining technology enables us to play a significant role in driving these innovations, offering advanced machines for manufacturing crucial components used in semiconductor machinery. Crafted through close collaboration with end users, these comprehensive offerings encompass the machine itself and all related processes, resulting in a final, tailor-made solution.

Furthermore, the use of sophisticated materials in semiconductor manufacturing has also pushed the boundaries. While silicon was once the primary material, the industry now relies on more advanced materials to meet power and performance needs. At Danobat, we possess the expertise in precision grinding and turning these kinds of materials, enabling our customers to manufacture components with our machines in a competitive manner.

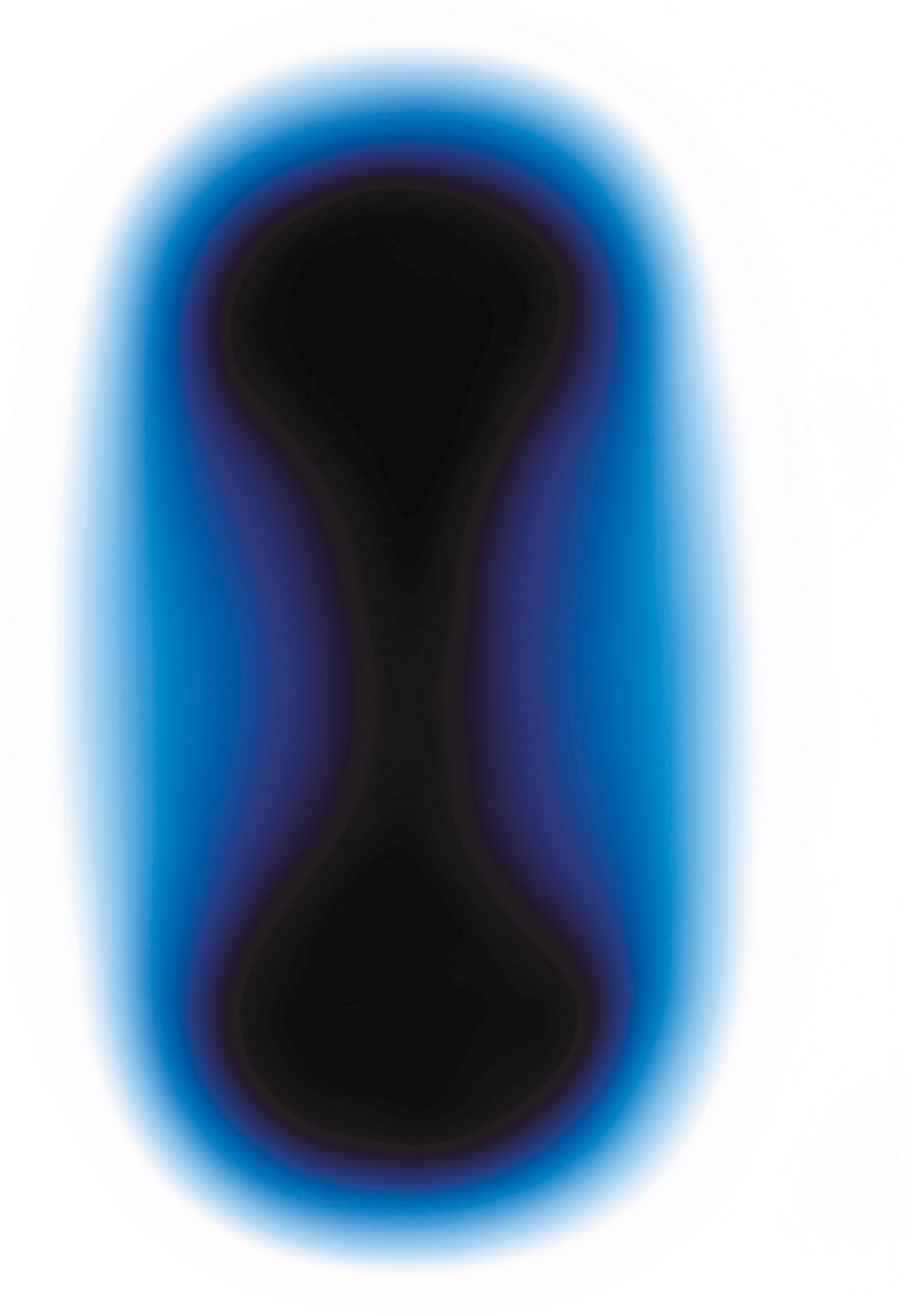


If it doesn't challenge you,
it won't change your future.

We want to build a better future with you. We want to listen to you and work with you to tackle your challenges, big or small. Because each of them gives us an opportunity to boost change. To create further innovative solutions that had never before been imagined. At Danobat we want you to feel the challenge.

And above all we want you to feel that together it can be done.

A boost for change.
Energetic, constant,
inexhaustible.



Proud to be Danobat

With a track record of 70 years offering advanced, technologically innovative, fully customised solutions, Danobat is evolving in step with a sector characterised by innovation and rapid change.



Danobat specialises in the development of innovative equipment, including precision grinding machines, lathes, and robotic systems for machining.



Hembrug, leaders in ultra-precision hard turning machines.



Overbeck, specialises in high precision internal grinding.

Eagerness to better ourselves and a striving for excellence are the linchpins of our position as one of Europe's top manufacturers of machine-tools and production systems.

We are experts in advanced engineering and have production plants in several countries to ensure high-

quality, locally-based service close to our customers.

We work with a shared vision: to transform the science and technology of industrial manufacturing, help foster talent and drive economic and social progress wherever we operate.

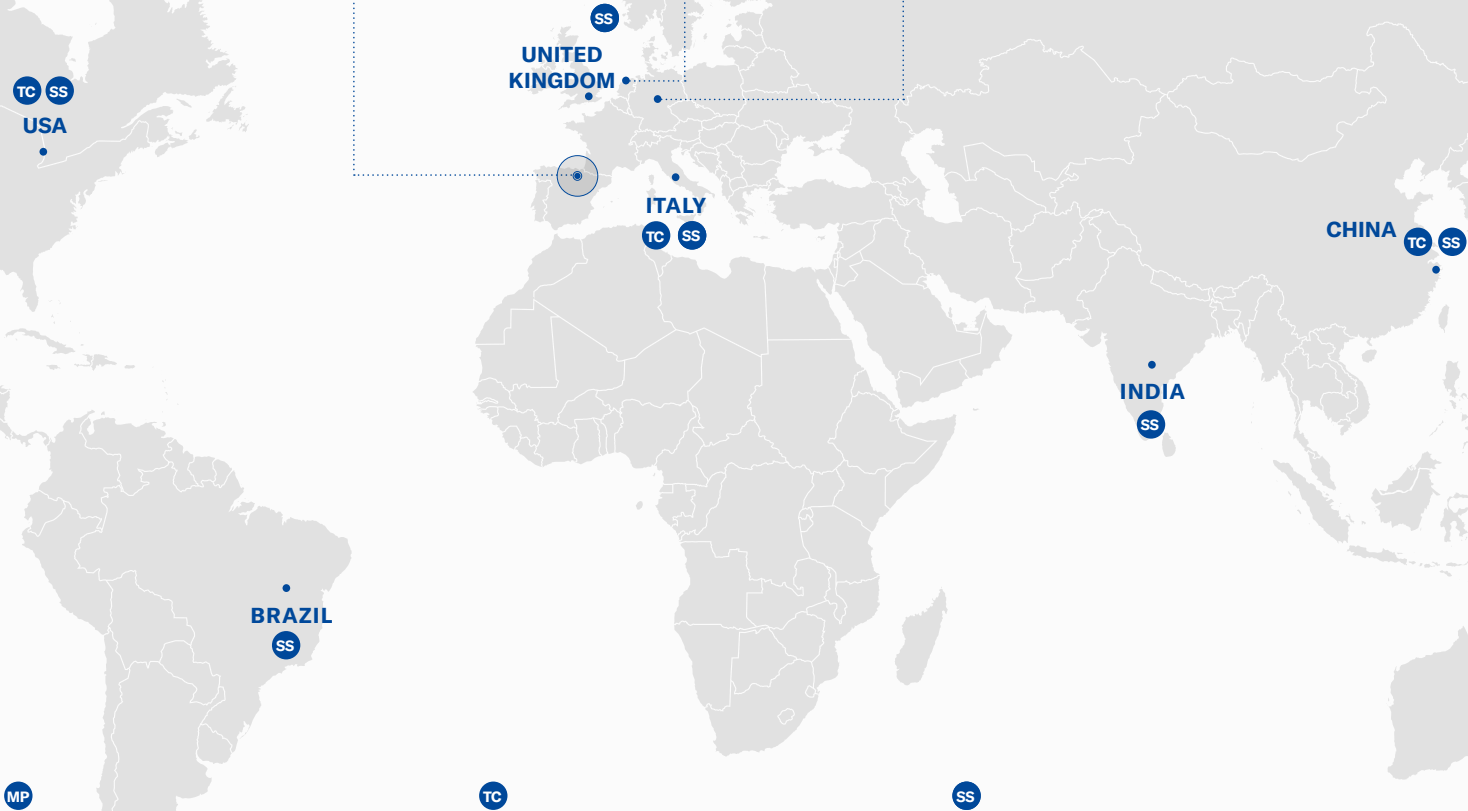
THE NETHERLANDS MP TC SS
Hembrug in Haarlem.



SPAIN MP TC SS
Headquarters in Elgoibar.



GERMANY MP TC SS
Overbeck in Herborn.



Manufacturing plant: we have cutting-edge manufacturing plants in Spain, Germany and The Netherlands, where we develop our capabilities with a view to supplying the best solutions.

TechCentres: our technical centres are locations for cooperation with customers, suppliers and other partners to generate high-level solutions. They also provide a setting for machining tests in pre-industrial application conditions.

Sales & service: Danobat has its own sales & service centres and cooperation agreements with local providers. This network is interconnected and also furnishes services outside the countries where it is based, to enhance local and global coverage.

Figures

Danobat is member of Mondragon Corporation, one of the biggest corporate groups in Europe. This provides us with sufficient intellectual resources and financial solvency to continue meeting whatever challenges the future has in store.

Danobat

>150 M€
TURNOVER

> 600
PEOPLE

8%
INVESTMENT IN
R&D&I

Mondragon Corporation

>10,000 M€
TURNOVER

> 70,000
PEOPLE

12
R&D CENTERS



Danobat TechCentres

They enable us to develop innovative solutions that can optimise processes and cut manufacturing costs, and can work as demonstration centres for analysing impact, calculating savings and checking on the benefits obtainable.

At our technical centres we can conduct research and improve manufacturing processes without upsetting our customers' output, as we have the machinery needed to conduct tests and checks.

The centres also produce new, customised, high value-added solutions for specific problems in the field of smart machining, such as chip breaking, machine availability and the reduction of maintenance costs.

An international network of technical centres.

This scheme is not limited to our headquarters, we also have technical centres up and running in Germany, The Netherlands, Italy, China and the USA.

Timeline of challenges

1954

Danobat is founded.

1970 - The first branch offices on the domestic market are opened. Further afield, the office in Mexico is set up. It is followed in subsequent years by establishments in the United States, Germany, France, China, Brazil and elsewhere.

1985 - Design of our own control system, called DANOTROL.



1978 - Manufacturing of the first grinders and lathes using numerical control.



1986 - 1st HSG machine for engine rotor blades. Rolls-Royce.

Creation of Ideko, a technological centre for research.

We join the Mondragon Corporation.

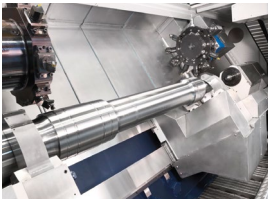
1995 - Development of the first optical and laser measurement systems, seeking to offer maximum precision.



2002 - We acquire the renowned, long-standing firm Overbeck GmbH to extend our range of solutions for grinding.

2008 - Creation of Danobat Railways System.

2006 - Inauguration of Ideko II.



1996 - We begin to manufacture solutions for the railway industry, specifically lathes for machining axles for Lucchini.



2018 - New TechCentre in Italy.



2019 - Danobat acquires Hembrug.

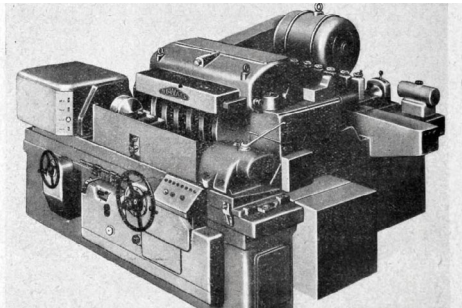
GOT A CHALLENGE?



2022 - Inauguration of new TechCentres in China and in the USA.

New business for aircraft manufacturing equipment.

Headquarters are expanded up to 30,000 sqm.



1955 - Manufacturing of the first external universal grinding machine: model RE600.

Challenges are the
inspiration for Danobat:
they enable us to keep
evolving.

Got a Challenge?