

**GROB-WERKE**





[www.grobgroup.com](http://www.grobgroup.com)



**GROB-WERKE GmbH & Co. KG**



Pioneers in designing and building highly innovative production and automation systems for over 95 years.  
#universalmachiningcenters #machiningtechnology #assemblylines #automation  
#digitalization #electromobility #additivemanufacturing #service #career





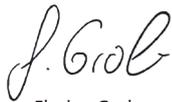
## Ladies and Gentlemen,

Globally active and firmly anchored in a family culture, we live and experience corporate management centered around values and people, which safeguards our future, protects our loyalty toward one another and guarantees our competitive advantage. We promise our customers and employees values such as sustainability. Strategies that will safeguard continuity for our employees all over the world for many years to come are developed from our family tradition.

From the successful manufacture of the first series product in Munich in the 1930s to the industrial challenges of post-war Germany to becoming a global player in the construction of highly innovative production and automation systems: A lot has happened since our company was founded in 1926.

True to our motto, "Ahead of the times – having reality in sight", we combine our technical expertise with great creativity and the absolute will to provide our customers with the best possible products at all times. On the following pages, we wish to provide insight in our history, competences, and products.

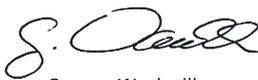
We hope you enjoy reading.



Florian Grob



Christian Grob  
Chairman of the Supervisory Board



German Wankmiller  
Chairman of the Board & CEO



Wolfram Weber  
Vice Chairman of the Board & CFO



Christian Müller  
Member of the Board & CSO

# MILESTONES

Our success story begins in the year 1926 with the founding of the Ernst Grob Werkzeug- und Maschinenfabrik company by Ernst Grob. In 1952, the founder's son, Dr. Burkhart Grob, assumed responsibility for our company, taking GROB-WERKE to its leading market position of today.

Even after Dr. Burkhart Grob's passing in May 2016, the future of our family company has been strictly set out. Christian Grob continues the company in the third generation as the new Chairman of the Supervisory Board, and even at this early stage, the next generation is being prepared for future tasks.



**1926**

Company founding in Munich by Dr. Ernst Grob

**1933**

Start of machine tool construction

**1944**

Large-scale destruction of the plant during bombing attacks on Munich

**1945**

Reconstruction of the Munich plant

**1952**

Assumption of company leadership by Dr. Burkhart Grob, son of founder Dr. Ernst Grob



**1956**

First foreign plant, B. GROB do Brazil S.A., established in São Paulo (Brazil)



**1976**

Company headquarters relocated to Mindelheim and Munich plant closed



**2004**

Introduction of modular machining centers

**1999**

Development of the first universal machining center

**1991**

Expansion of the the Bluffton branch office (USA) to become the third GROB Systems, Inc. production plant with its own production facility



**2010**

Foundation laid for the fourth production plant in Dalian (China)



**2017**

Purchase of DMG meccanica in Turin (Italy), the Italian machine and plant constructo for electric motors

**2016**

Assumption of company leadership by Christian Grob, son of Burkart Grob as Chairman of the Supervisory Board; entry into electromobility



**2020**

Opening of the Italian production plant for e-mobility in Pianezza



**2022**

Entry into the area of additive manufacturing

**2023**

Completion of the sixth production plant in Bangalore (India)



# CORPORATE PHILOSOPHY

For 95 years now, the GROB family business has been a leading pioneer in designing and building highly innovative production and automation systems. The continuous further development of in-house expertise, the quest for perfection, and the high level of vertical integration in our plants all over the world create products and technologies of outstanding quality.

The focus of our sustainable business is our employees and our customers, for whom we will always maintain the family-like character of our enterprise as well as our financial independence. This group concept that we live and experience allows us to respond to market changes with great speed and agility, and to bring about innovative solutions for the automotive industry and for other industrial sectors as well.



## CODE OF ETHICS

We respect and uphold internationally recognized human rights and act to protect them at all times. We accept no form of discrimination based on age, gender, faith, origin, sexual identity, or political conviction.



## COMPLIANCE

We are committed to the recognition and respect of applicable laws, directives, ordinances, and internal regulations. We act with integrity and entirely reject unfair measures in violation of laws and directives for the influence of third parties.



## INNOVATION

In the constant search for excellence, we recognize changing market requirements in advance, developing innovative solutions.



## PRODUCTIVITY & EFFICIENCY

The efficient design and continuous improvement of our processes and products are a core part of our work culture.



Familie und Mitarbeiter  
Wir gehen gemeinsam unseren Weg  
anno 2011

Burkhardt Grob

# OUR CORE EXPERTISE

Intelligent technology is human – for generations now, we at GROB have lived and experienced this principle by placing customer requirements at the forefront of our work. The result is sophisticated technology creating more efficient production processes worldwide and delivering highest quality.



## RESEARCH & DEVELOPMENT

With a high degree of creativity and technical intuition, as well as the best engineering expertise, our developers have worked hard to earn the reputation of technology leader.



## ASSEMBLY

From pre-assembly to machine assembly to process commissioning – our employees demonstrate their expertise with optimally coordinated assembly sequences.



## ENGINEERING

With a great deal of acumen and a high degree of ingenuity, our employees in Engineering develop innovative concepts representing milestones for precision, dynamics and reliability.



## COMMISSIONING

A smooth assembly process, and with it an optimized production start at your location takes first priority for us.



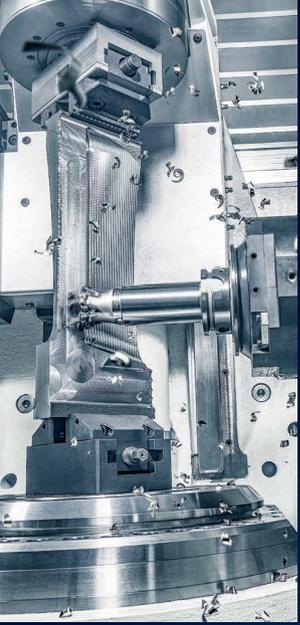
## PRODUCTION

The high degree of vertical integration along the entire value creation chain, numerous machining technologies and our employees' distinctive specialist knowledge create the best conditions for state-of-the-art production.



## TECHNICAL APPLICATION CENTERS

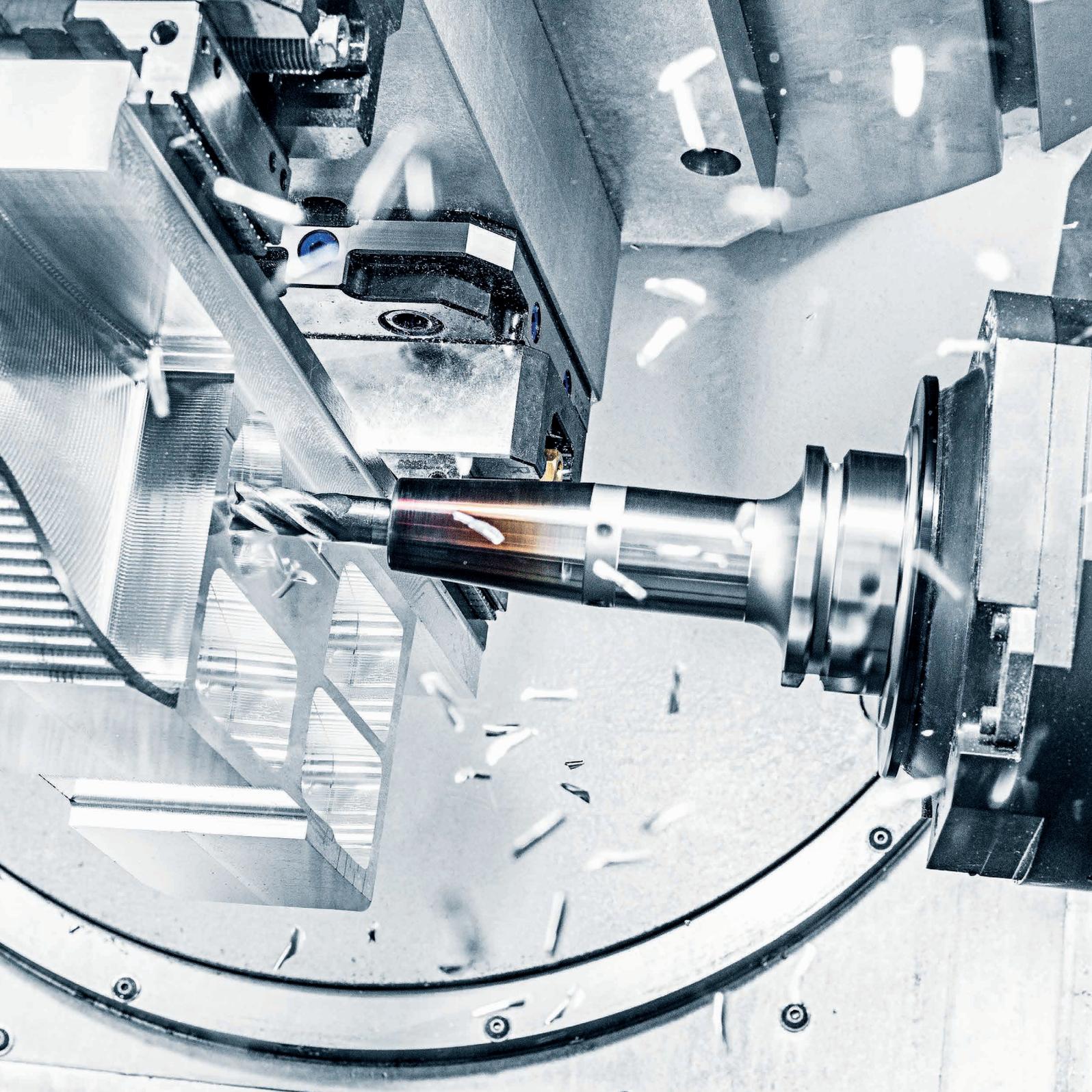
Our production plants in Germany, Brazil, the USA, China, Italy and India have technical application centers for the machining and electromobility sectors, where our customers can experience GROB technologies up close.



# UNIVERSAL MACHINING CENTERS

The unique GROB machine concept provides our customers with almost limitless possibilities for milling and mill-turn machining of parts made from the most diverse materials.

Thanks to their compact design, high productivity and maximum stability, these machining centers guarantee effective manufacturing, and can be adapted to suit individual requirements due to extensive configuration options.





**ACCESS SERIES**



**5-AXIS UNIVERSAL MACHINING CENTERS**



**4-AXIS UNIVERSAL MACHINING CENTERS**



**5-AXIS MILL-TURN UNIVERSAL MACHINING CENTERS**

# MACHINING TECHNOLOGY

One step ahead – in-depth expertise and use of the latest technologies make GROB a recognized expert in the machining business. For perfect implementation of customer specifications, GROB manufactures complete solutions in the machining technology in the form of customizable production plants of the highest quality. These plants consist primarily of modular machining centers and special-purpose machines interlinked via the latest automation solutions. From planning to engineering through to operationally ready delivery and commissioning, GROB offers all core competencies from a single source. This deep vertical integration allows dynamic and customer-specific adjustment to capacities and guarantees an outstanding degree of reliability.





G SERIES



**F SERIES**

# AUTOMATION SOLUTIONS

Our customers in small, medium, and large-scale production have been relying on GROB automation technologies for decades. This experience can be seen directly in our automation solutions, making GROB a strong partner – for solutions with pallet or part storage systems to highly flexible, turn-key production lines. GROB automation technology allows you to flexibly adapt to capacities and guarantees pallet and/or part handling perfectly in tune with your needs.

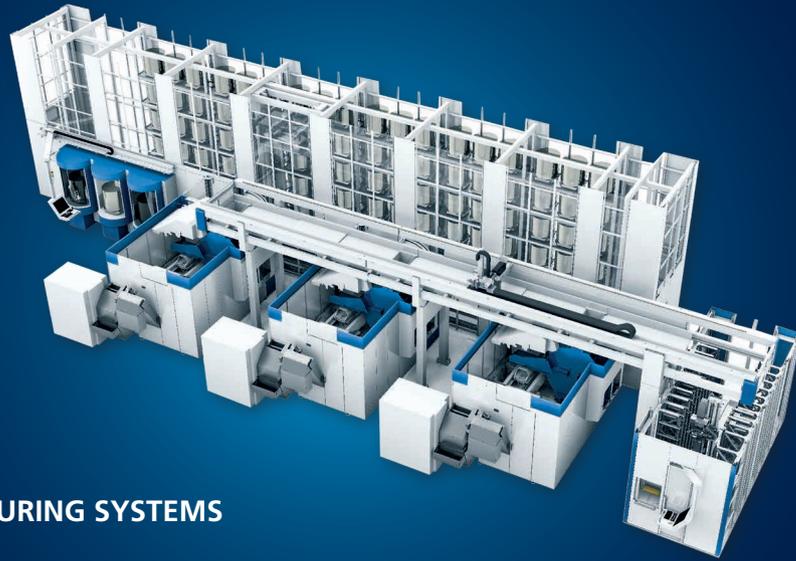




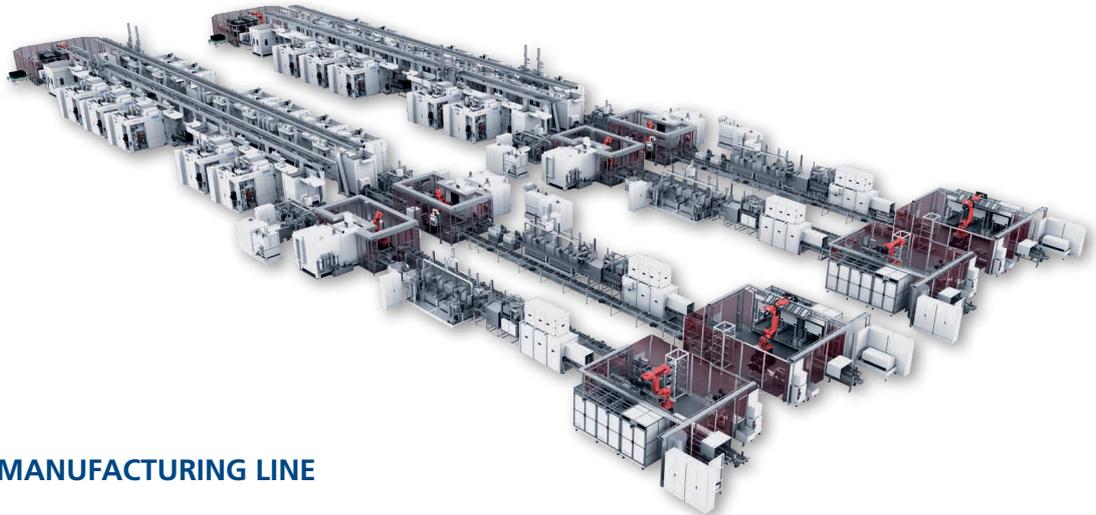
**STANDARD AUTOMATION**



**FLEXIBLE ROBOT CELL**



**FLEXIBLE MANUFACTURING SYSTEMS**



**TURN-KEY MANUFACTURING LINE**

# GROB-NET<sup>4</sup>INDUSTRY

Transparency and connectivity – our modular GROB-NET<sup>4</sup>Industry web applications let you to network and digitalize your production processes across all plants to make your production even more efficient.

From planning to engineering to maintenance, GROB-NET<sup>4</sup>Industry combines relevant modules for increasing productivity and offers you an all-round package for modern production in the Industry 4.0 era.





# ELECTROMOBILITY FOR DRIVE SYSTEMS

With modular, flexible and scalable electric powertrain solutions, we offer integrated concepts for the components of tomorrow. With you, we develop solutions for stator, rotor, e-motor, and e-axis assembly tailored to your requirements and needs.

Our product range spans from stand-alone, semi-automatic machines to fully automated turn-key systems. Profit from our highly productive and flexible production lines.

We support you in each phase of the product development process – from simultaneous engineering and construction of the first prototypes to series production and the corresponding assembly line.





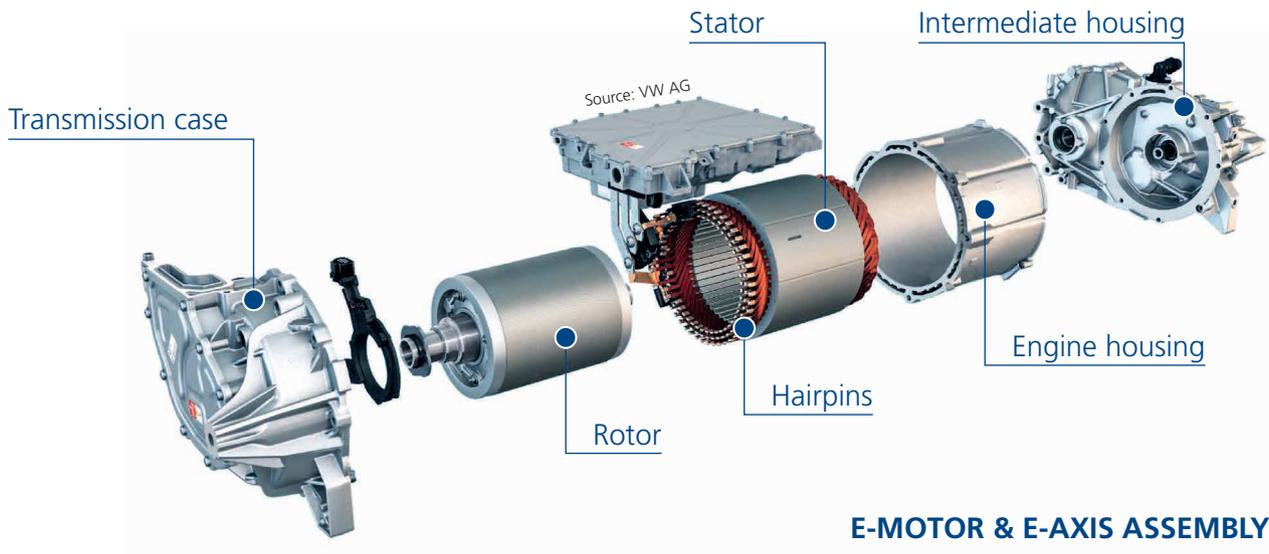
### STATOR PRODUCTION PLANTS

Continuous hairpin – Hairpin technology – Insertion technology



### ROTOR PRODUCTION PLANTS

Permanent magnet technology, magnet attachment via adhesive or potting processes –  
Round wire technology via needle winding method



# ELECTROMOBILITY FOR ENERGY STORAGE SYSTEMS

We are also your partner for turn-key systems for production and assembly of energy storage systems. With our innovative product solutions providing competitive and sustainable battery systems volume production, we cover the complete battery manufacture process in its entirety in conjunction with our partners. Our systems range extends from individual machines for laboratory and pilot manufacture to fully automated turn-key systems.

Profit from our expertise in the fuel cell manufacturing sector as well. From initial idea to concept to production of your plant – from us, you receive individual implementation of your plant from one single source. We develop a custom modular plant design adapted to your individual needs.



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GROB

Control panel for the first machine, featuring a large LCD screen displaying a software interface with various data points and graphs. Below the screen are several physical buttons, including a prominent red emergency stop button, and a small analog gauge.

Control panel for the second machine, featuring a large LCD screen displaying a software interface with various data points and graphs. Below the screen are several physical buttons, including a prominent red emergency stop button, and a small analog gauge.

Control panel for the third machine, featuring a large LCD screen displaying a software interface with various data points and graphs. Below the screen are several physical buttons, including a prominent red emergency stop button, and a small analog gauge.



### **BATTERY CELL ASSEMBLY PANTS**

Prismatic cells – Cylindrical cell (manufacture in cooperation with MANZ AG) – Pouch cells



### **FUEL CELL PRODUCTION PLANTS**

Fuel cell components – Stack assembly



## PLANTS FOR ASSEMBLY OF BATTERY MODULE AND PACKS

Battery packs – Battery modules



# ADDITIVE MANUFACTURING – LIQUID METAL PRINTING

Innovative, economical & flexible: GROB's GMP300 allows safe and at the same time rapid production of near-net-shape components due to its powder-free manufacturing process. With the GMP300, we offer our customers reliable, efficient and cost-conscious plant technology with maximum production flexibility. In cooperation with you, we develop additive-compatible components, fully realizing the full potential for your production.



# GROB SERVICE

Amicable, committed, competent – your reliable partner in these rapidly changing times. From 24-hour service and a comprehensive range of spare parts and training courses to professional machine maintenance and analysis: The GROB service spectrum offers you a comprehensive range of products and services and is available to you worldwide thanks to our global production plants and service branches.

## PRODUCTION SAFETY

- ⊕ Worry-free production and production loss prevention



## ECONOMY & SUSTAINABILITY

- ⊕ Cost reduction via longer and more efficient machine running times



## QUALITY & OUTPUT

- ⊕ Highest-quality quantities in the shortest time



**The GROB range of services!**  
World-wide throughout the machine service life!





# GROB AS AN EMPLOYER

Become part of GROB's success story! For over 95 years, GROB has operated as a globally operating family company, employing more than 8,300 people world-wide. employees. With more than 5000 jobs and 300 trainee positions in Mindelheim today, we are one of the largest regional employers and in special focus of the public eye.

Our employees are the company's backbone, our key success factor and our shaping force. They are instrumental to ensuring not only our success among international competition, but also the further improvement of our technological and market leadership.



# WE TAKE RESPONSIBILITY FOR OUR EMPLOYEES!



## RESPONSIBLE LEADERSHIP

⊕ and employee-oriented healthcare management are the foundations for maintaining and promoting the welfare and productivity of our employees.



## ABOVE-STANDARD PAY & COMPREHENSIVE SOCIAL BENEFITS

⊕ are implicit for us in addition to promoting compatibility of professional and private challenges.



## INDIVIDUAL & CONTINUOUS SUPPORT

⊕ of our employees is a high priority for us.



**Find your dream job now!**

Become part of GROB's success story!



## IDEAS & SUGGESTIONS

⊕ from our employees are incorporated into the arrangement of our daily work processes.

# GROB WORLDWIDE

From Bavaria to the world: Since our founding in 1926 in Munich, we as a global, family-managed company have been on a constant growth trajectory developing and manufacturing systems and machine tools. Our customers include the world's leading automotive manufacturers, their suppliers and other renowned companies from diverse sectors. With our production facilities in Germany, Brazil, the USA, China, Italy and India, as well as 14 worldwide service centers and sales branches, we are represented around the globe, ensuring the highest quality.





