



SUSTAINABILITY

AT KLINGELNBERG



KLINGELNBERG

Leading the Market in Gear Cutting Technology— with Tradition, Expertise, and Passion



The first hobbing machine built at the Hückeswagen plant, model FK 150, construction year 1923

The **KLINGELNBERG Group** is the world leader in developing and manufacturing machines for **bevel gear and cylindrical gear machining** and **precision measuring centers for axially symmetrical components and gearings**. The Group also **manufactures spiral-cut bevel gears to customer specifications** – with ultimate precision using in-house technology.

The origins of mechanical engineering company date back to the year 1863. Up-to-date family Klingelberg is invested as an anchor shareholder of the company. The path from the company's origins to global market leadership has been shaped by a continuous striving toward first-rate quality and absolute reliability, both for products and service. With numerous R&D engineers worldwide and more than 200 registered patents, the company demonstrates its capacity for innovation each and every day.

Klingelberg operates engineering and manufacturing facilities in Switzerland and Germany. The company ensures a global presence with regional sales and service offices. In addition, its ISO-14001 certification and participation in the VDMA's Blue Competence initiative underscore the company's sustainable, environmentally sound business practices.

Production Sites



Hückeswagen, Germany



Hückeswagen (Winterhagen), Germany



Headquarters of the KLINGELNBERG Group
in Zurich, Switzerland



Ettlingen, Germany

QUALITY ASSURANCE, ENVIRONMENTAL PROTECTION AND WORK SAFETY POLICY

Quality Assurance, Environmental Protection, and Work Safety Policy – Integral Parts of our Corporate Philosophy

In recent years, the concept of environmental protection has acquired greater significance in our society. With this in mind, we base our company's long-term evolution on maintaining the highest customer satisfaction standards, environmentally friendly and energy-efficient manufacturing methods, and optimum work safety and health protection policies.

To achieve these goals and assure the sustainability of our actions, we employ process-oriented management systems. This ensures a high degree of compliance as well as a continuous improvement process.

One of our corporate objectives is to safeguard the safety and protect the health of our employees. We do this by evaluating their working conditions on an ongoing basis and making improvements, as well as by identifying and eliminating the causes of accidents. Our company ranks well below the industry average in terms of the frequency of accidents per hours worked (accident rate) – a positive trend toward achieving our zero-accidents target.





KLINGELNBERG POLICY

We base our actions on the following principles:

- Implementation of and compliance with legal regulations and observance of our customers' requirements are the basis for our actions.
- All of our employees are aware of the important position they hold with respect to quality, work safety, and environmental protection, as well as the assurance of internal and external customer satisfaction. Each one of us is responsible for the achievement of our goals; we promote this through the ongoing development and continuing education of our workforce.
- Even during the development stage of our products and services, we maintain the highest expectations for quality, conservation of resources, efficient use of energy, as well as work safety and health protection. Our actions are supported by an extensive range of measures to ensure prevention and preparedness. These also include preventive measures for avoiding and limiting potential damage claims.
- In achieving our goals in the areas of quality, environmental protection, and work safety, we are in continuous, intensive dialog with employees, suppliers, customers, associations, and authorities, with the requirements resulting from this serving as our motivation.
- Through continuous internal and external assessment of our management system and the development of appropriate measures, we attain a process of continuous improvement and advancement of our overall performance.

With this declaration, the Executive Board and all employees pledge to act according to the principles of this Quality Assurance, Environmental Protection, and Work Safety Policy.

Selecting our Suppliers Responsibly

The extraction of certain raw materials in the Democratic Republic of Congo (DRC) and the neighboring countries contributes in some measure to significant violations of human rights and the financing of violent conflicts in this region. In 2010, the Congress of the United States of America passed the Dodd-Frank Wall Street Reform and Consumer Protection Act (Dodd-Frank Act). Section 1502 of the Dodd-Frank Act and the implementation rules of the U.S. Securities and Exchange Commission (SEC) require from companies subject to SEC supervision a report indicating whether the products that are produced by them or whose production they have commissioned contain "conflict minerals" that are "necessary for the functionality or production" of these products. The Dodd-Frank Act and the SEC define "conflict minerals" as tantalum, tin, tungsten (and the ores from which they are obtained), and gold, regardless of where they are obtained, processed, or sold.

KLINGELNBERG GmbH (including all associated companies) is not subject to SEC supervision and therefore has no legal obligation to fulfill the requirements pertaining to "conflict minerals" as stipulated in section 1502 of the Dodd-Frank Act. At the same time, we recognize that the SEC provisions of section 1502 require our direct and indirect customers to perform due diligence within their global supply chains. We will assist them appropriately in fulfilling their reporting obligations.

REACH REGULATION

- On its web page, the European Chemicals Agency (ECHA) has published a list of substances of very high concern that meet the criteria of Article 57 of the REACH Regulation and have been identified in accordance with the procedure described in Article 59.
- With reference to Article 33 of said Regulation, we hereby state that the products we distribute contain none of these substances of very high concern. To the extent required, we provide the information necessary to ensure safe use of a product in the form of a material safety data sheet appended to the machine documentation.



Our Statement: Conflict Minerals

KLINGELNBERG GmbH endeavors not to purchase material containing “conflict minerals” that directly or indirectly finance or benefit armed groups in the DRC or the neighboring states. We implement appropriate processes to understand where in our products “conflict minerals” are contained, as well as to determine the source and origin in our supply chain. These activities are based on the established frameworks of the Organisation for Economic Co-operation and Development (OECD) and other industry initiatives. Due to the variety of the products we offer and the high complexity of the corresponding supply chains, this is a challenging and ongoing process. We are in contact with our direct suppliers to increase transparency with respect to the products they supply. We will continue to work closely with customers, suppliers, and other stakeholders concerning constructive efforts and practical solutions.

Certifications

Internal audits and external certifications ensure that our business processes and management systems are working as they should and are improved on a continual basis. That is why we routinely undergo ISO 14001 (site-specific), VDA 6.4, and ISO 9001 certification.

A complete overview of our certifications for each location is available under Certificates at www.klingelberg.com.



ENERGY AUDIT

DIN EN 16247 Energy Audit

Part of acting responsibly at Klingelberg means carrying out routine energy audits with the help of the environmental audit organization KPMG Cert GmbH. An energy audit is a systematic inspection and analysis of the energy use and energy consumption of a plant, building, system, or organization, with the goal of identifying and reporting factors impacting energy and potential improvements in energy efficiency.

ENERGY EFFICIENCY e²

Energy Efficiency (e²) for Maximum Economic Savings

Minimal energy requirements for every machine tool thanks to intelligent machine design: A team of Klingelberg engineers and technical experts makes this possible, by continually striving to ensure the highest technological standards in application-matched machine design while maintaining ease of use and maximum energy efficiency.



AWARDS

High Quality Standards for Our Operating Instructions



Our high quality standards are likewise reflected in a number of awards. The year 2015 marked the ninth time that a KLINGELNBERG GmbH operating instruction received the prestigious tekomp documentation award for **outstanding user-friendliness**.

The *Gesellschaft für Technische Kommunikation e.V. (tekomp)* is a professional association for technical communication and information management headquartered in Stuttgart, Germany. Since 2005, tekomp has presented the award each year for instruction guides and operating instructions for consumer and investment products, as well as online help systems for software products. To select the award-worthy document, tekomp uses a team of independent technical documentation experts to evaluate all submitted instructions according to a pre-defined catalog of criteria. Exceptionally high-quality operating instructions are now among the key competitive advantages in our industry.

The tekomp documentation award is representative of the high quality of all Klingelberg operating instructions, all of which are based on the same concept. The criteria against which our documentation is measured include **ease of comprehension, compliance with all standard-relevant requirements**, and a **well-structured graphical presentation**.

BLUE COMPETENCE

Klingelberg is respectful of the environment – as evidenced by the company’s participation in the Blue Competence initiative by the German Engineering Federation (VDMA). Blue Competence defines reliable sustainability criteria and standards that must be fulfilled by everyone who joins the initiative.

Blue Competence thus creates more transparency, provides a clearer overview, and guarantees confidence for anyone looking for sustainable solutions and products, or companies with sustainable philosophies.

BLUECOMPETENCE

Alliance Member

Partner der Nachhaltigkeitsinitiative des Maschinen- und Anlagenbaus

SUSTAINABLE HUMAN RESOURCES POLICY

Our Workforce

As a leading provider of gear cutting technology, we rely heavily on the commitment, knowledge, and professionalism of our workforce. With its acquisition of Höfler Maschinenbau GmbH’s core business in 2012, we now employ approximately 1,300 people in the Klingelberg Group. We are convinced that every one of them enjoys attractive, fair working conditions and that our human resources policy is a sustainable one.





Training at KLINGELNBERG



High-quality, practical, and modern vocational training provides the indispensable basis for our success, now and in the future. During peak periods, Klingelberg employs about 80 apprentices, all looking towards the future with an incredible amount of drive. At the start of each training track, we also offer a limited number of dual degree and part-time degree study places (cooperative engineer training, KIA) to suitable candidates.

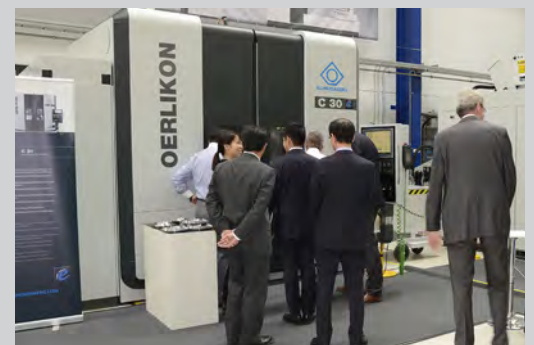
Partnerships with Nearby Schools

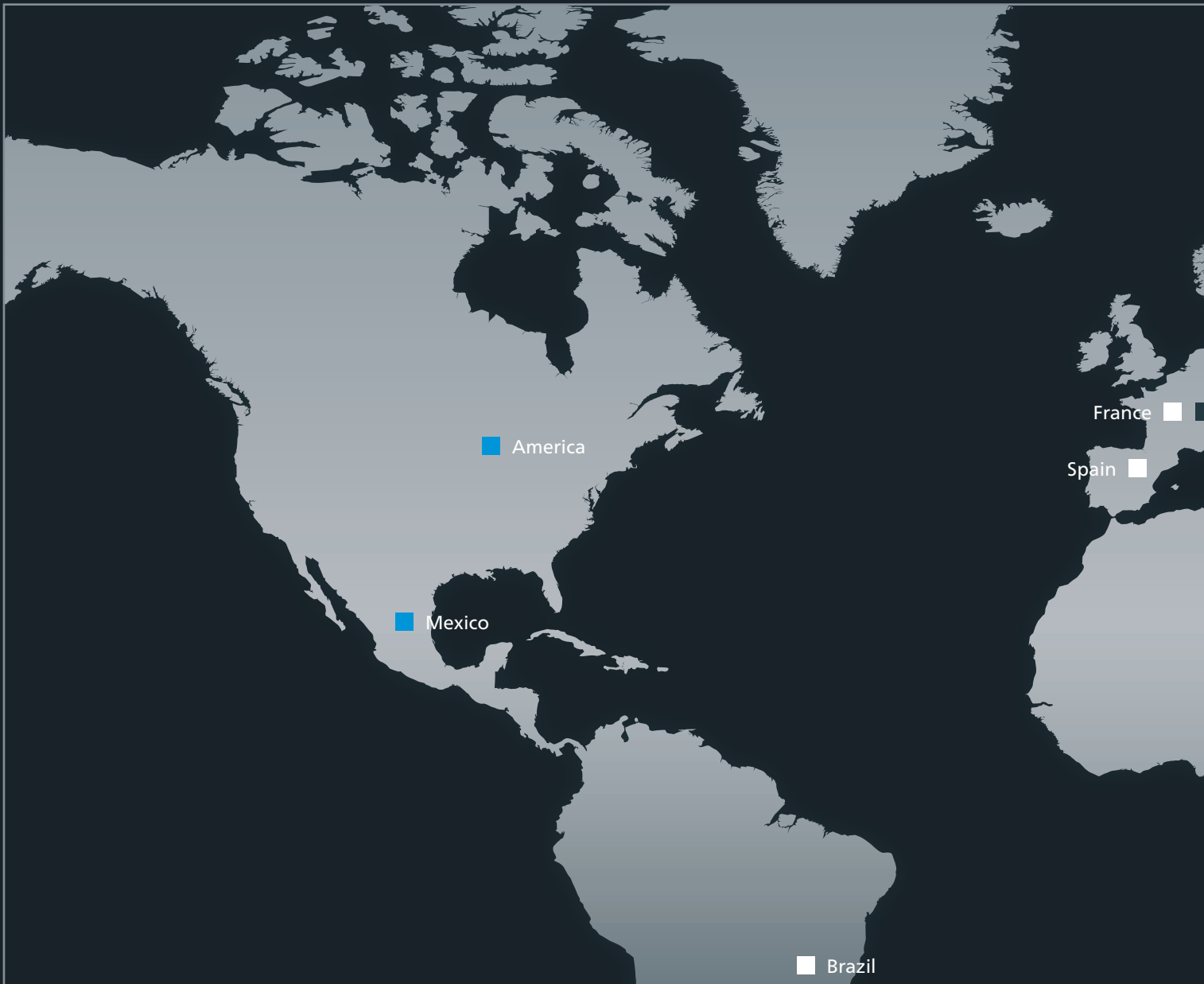
Cooperation between general and vocational schools and regional businesses is becoming increasingly important. That's why Klingelberg offers a range of partnership opportunities today:

- Students can learn about a wide range of careers in engineering and administration by participating in a number of sponsored training events for schools. We are also pleased to offer young people the opportunity during their school vacation to take part in "discovery days" and placements aimed at helping them make future career choices.
- Teachers are also invited to learn more about the company. Contact us to arrange factory tours, teacher visitation days, or school presentations.

SOCIAL COMMITMENT

Whether in-house trade shows for customers, official participation in the city of Hückeswagen's *Nacht der Unternehmen*, or individual tour requests from associations: Klingelberg is pleased to open its doors to anyone interested and to provide a behind-the-scenes look at a successful company operating on lean production and lean management principles.





Technical Support / Help Desk

Klingelberg guarantees the availability of qualified employees as follows: Monday through Friday (except official holidays) 7:00 am to 5:00 pm (CET).

**Machine Tools Help Desk
Bevel Gear Technology**
Phone: +49 2192 81-534
Fax: +49 2192 81-524
E-mail: TSM-H@klingelberg.com

**Machine Tools Help Desk
Cylindrical Gear Technology**
Phone: +49 7243 599-176
Fax: +49 7243 599-278
E-mail: TSM-O@klingelberg.com

**Help desk
Precision Measuring Centers**
Phone: +49 2192 81-272
Fax: +49 2192 81-514
E-mail: TSP-H@klingelberg.com



As a globally operating company, we are naturally also represented at important international locations for our business partners all over the world. So that you can also rely on our proximity, short distances and quick, precise solutions in far-away places.

KLINGELNBERG Service

The KLINGELNBERG Group is a world leader in the development and manufacture of machines for bevel gear and cylindrical gear production, and precision measuring centers for gearing and axially symmetrical components, as well as the production of customized high-precision drive components. In addition to the headquarters in Zurich, Switzerland, further development and production facilities are located in Hückeswagen and Ettlingen, Germany.

The company also maintains a presence with Sales and Service offices and numerous marketing agents. On this basis, KlingelInberg offers users a comprehensive range of services for all aspects of toothed gear design, manufacturing, and quality inspection. The spectrum includes technical consulting, on-site machine acceptance, operator and software training as well as maintenance contracts.

KLINGELNBERG Solutions

KlingelInberg solutions are used in the automotive, commercial vehicle, and aviation industries, as well as in shipbuilding, the wind power industry, and the general transmission manufacturing industry. With numerous R&D engineers around the globe and over 200 registered patents, the company consistently demonstrates its capacity for innovation.

EN 08/2023 - Subject to technical modifications without notice.

FOLLOW US AND STAY UP TO DATE:



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You can also find your local contact for sales advice at <https://klingelInberg.com/en/contact>