



STEECO
■ STEEL IS OUR BUSINESS

Your supplying partner for **WEAR SOLUTIONS**, **SPARE** and **HEAVY PARTS** made from
CAST AND FORGED MATERIALS, as well as **WELDED CONSTRUCTIONS**

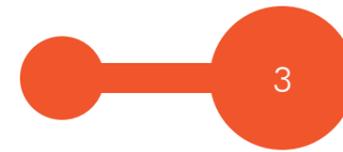
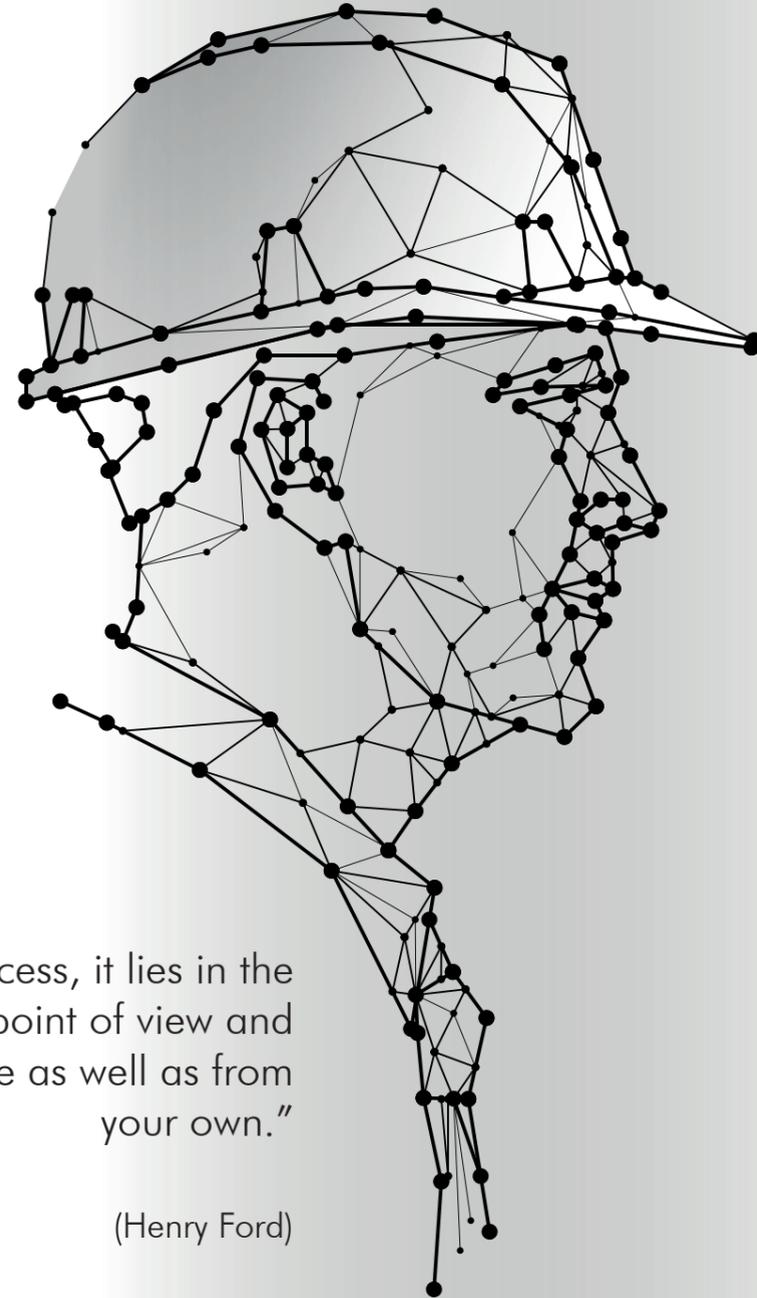
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"If there is any one secret of success, it lies in the ability to get the other person's point of view and see things from that person's angle as well as from your own."

(Henry Ford)



Welcome to STEECO Germany

Your supplying partner for wear solutions, spare and heavy parts made of cast and forged materials, as well as welded constructions.

Located in the heart of German heavy industry in the entrepreneurial city of Düsseldorf, we see ourselves as a global developer and full-service trading partner.

Derived from years of experience in global heavy industry, our goal is to provide engineering services, high-quality products and services according to the demands and wishes of our customers. Delivered free of charge from our international and audited production facilities or directly from one of our warehouses in Europe. We always have our eye firmly on making the value chain of our international customers even more efficient.

We look forward to meeting you and generating even more success together.

Eike Kliem & Henk Terlouw

Managing Directors of STEECO Germany GmbH



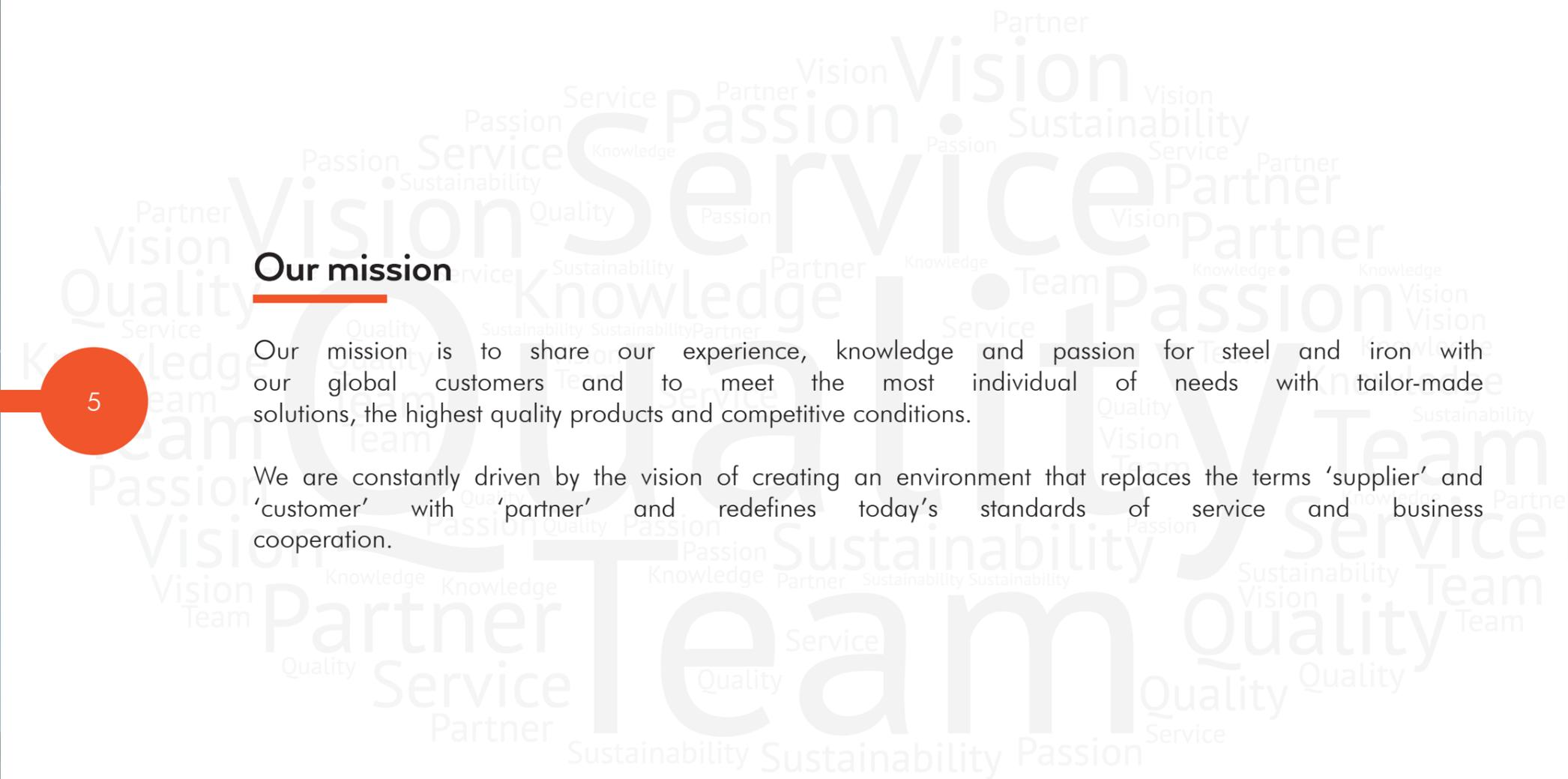
OUR MISSION



Our mission

Our mission is to share our experience, knowledge and passion for steel and iron with our global customers and to meet the most individual of needs with tailor-made solutions, the highest quality products and competitive conditions.

We are constantly driven by the vision of creating an environment that replaces the terms 'supplier' and 'customer' with 'partner' and redefines today's standards of service and business cooperation.





METALLURGICAL INDUSTRY



Metallurgical Industry

As the largest sector of heavy industry, the iron and steel industry is the driving force of the global economy. The principle of extracting ferrous and non-ferrous metals by smelting ore has been around for thousands of years and is constantly facing new challenges due to ever-increasing and stricter regulations and requirements.

Thanks to its fundamental expertise in the iron and steel industry, STEECO considers itself a supplier of the following services:

- Coke oven doors
- Sintering cars
- Sintering grates
- Ladles
- Rollers
- Reels
- Torpedo ladles
- Transfer cars
- Scrap buckets
- Scrap chutes
- Tundishes
- Parts for blast furnaces
- Parts for converters
- Parts for electric arc furnaces
- Slag pots
- Parts for continuous casting plants
- Parts for gassing and degassing plants
- Briquetting tools
- Chocks
- Rolling mill stands
- Housings
- Parts for holding furnaces
- Molds
- Bottom plates
- Hoppers
- Wear plates
- Other



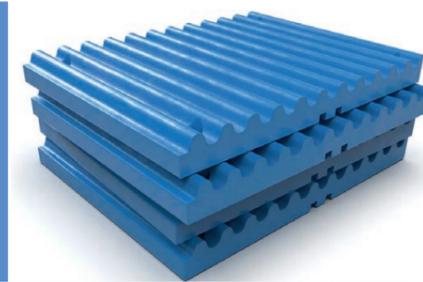
Mining

Mining is a fundamental part of heavy industry and the coal and steel industry and is the harshest of them all. The extraction, exploration and processing of mineral resources has placed the highest demands on man and machine for over 6,000 years and has led to ever-changing extraction methods and technologies. In order to meet these demands, STEECO handles the technical requirements and optimized service life of components.

With many years of experience in the development, optimization and production of wear-resistant and durable components made of cast and forged materials, STEECO is able to offer flexible and targeted support to our mining customers. The following solutions and services are available from STEECO:

- Parts for drilling rigs
- Parts for reclaimer machines
- Shovels
- Crushers
- Sieves
- Cyclones
- Conveyors
- Parts for dragline excavators
- Gyrotory crushers
- Parts for high-pressure grinding rolls
- Wear parts for pipes and containers
- Parts for autogenous & semi-autogenous grinding plants
- Parts for vertical grinding plants
- Parts and linings for transfer cars
- Parts for ball and tube mills
- Parts for mining machinery
- Parts for hammer mills
- Parts and linings for haulers
- Other

MINING





Shipbuilding

In today's global trade, there is a growing trend to send goods by sea. Whether in goods transport or passenger shipping, mobility and efficiency at sea is inextricably linked with high-quality components made of cast and forged materials.

STEECO supplies, optimizes and manufactures the following raw castings, pre-machined and finished components for all common ship classifications.

- Shafts
- Propellers
- Spindles
- Rudder horns
- Flywheels
- Gear housings
- Pistons
- Jaws
- Cranks
- Stern bosses
- Stern tubes
- Conical blocks
- Rope reels
- Bollards
- Other

SHIPBUILDING





Power & Waste-to-Energy Plants

The power plants of today are, and will remain the cornerstones of our energy production, whether they are conventional fossil fuel plants, waste-to-energy plants or renewable energy plants. With a steadily growing number of new construction projects, especially in the field of waste-to-energy (with over 80 new plants being introduced every year worldwide), the importance of generating resource-conserving energy is also increasing.

To be able to process our resources responsibly and with as much added-value as possible, power plants, as well as the replacement parts and components we supply, require maximum efficiency.

For this reason, we will not compromise on the quality or performance of our products.

POWER &
WASTE-TO-ENERGY
PLANTS



- Grate bars for air-cooled grates
- Grate bars for water-cooled grates
- Forward & return grate bars, as well as roller grate bars
- Transition cones
- Elliptical head tubes
- Armature shafts
- Turbine housings
- Gear housings
- Coal rollers
- Guide vanes
- Pressure frames
- Brackets
- De-slaggers (dry/wet)
- Coal pulverizing parts
- Tanks
- Housings
- Rotor drums
- Upright frames
- Heat exchangers
- Protective shells for pipelines
- Grinding rings and grinding balls
- Apron belt components
- Chain conveyors
- Wear-resistant plates for hoppers
- Other



Wear Industry

The durability and cost-effectiveness of production-related components and systems are both inextricably linked and are therefore a key factor in the company's success. High-quality wear solutions result in lower operating costs and maximum productivity.

Like our customers, we will not compromise on the performance of our products. We have many years of experience in the development, optimization and delivery of wear solutions to thank for this.

- Highly wear-resistant iron and steel castings for the following areas:
 - Iron and steel industry
 - Mining
 - Cement industry
 - Recycling industry
 - Power & waste-to-energy plants
 - Glass industry
 - Food industry
 - Paper industry
 - Mining and dredging industry
 - Screening and crushing plants
- STEECO Chocky Bars "SLB 725"
- STEECO Wafer Strips "SWS 725"
- STEECO Pucks "SP 60 – 150"
- STEECO Donuts "SD 75 – 130"
- Hard facings
 - Basalt
 - Aluminum oxide
 - Zirconium oxide
 - Silicon carbide
- Other

WEAR
INDUSTRY





Metals and Alloys

Whether in residential construction, food and water supply, transportation, energy supply or health care – nearly everything around us is made of iron or steel. Top-quality ore-based metals and alloys with low impurity levels are basic, value-adding raw materials.

Thanks to our cooperation and partnership with the most renowned raw material producers, we are able to meet the majority of our customers' demands in terms of quality and shape of ore-based metals and alloys.

- Pig iron
- Direct reduced iron
- Hot briquetted iron
- Granulated pig iron
- Ferrochromium
- Ferromanganese
- Ferrosilicon

METALS &
ALLOYS





MATERIAL GRADES & CAPACITIES

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Material Grades & Capacities

We offer a wide range of qualities for ferrous and non-ferrous alloy castings and forgings as well as ceramic material solutions. Manufactured with state-of-the-art technologies in line with the most stringent of quality requirements, we constantly have the value-added chain in mind; that goes for our manufacturing partners too. From the type and quality of scrap used to the most efficient delivery possible, we leave nothing to chance.

Please do not hesitate to contact us if you have any special requirements regarding capacity, size or chemical composition.

- Cast steel (0.5kg – 80,000kg)
 - For general-purpose use
 - Stainless steel
 - Wear-resistant steels
 - Heat-resistant steels
 - Tool steels
 - Special alloys
- Cast iron (1.5kg – 120,000kg)
 - Cast iron with lamellar graphite
 - Ductile iron
 - Vermicular graphite iron
 - Wear-resistant cast iron
 - Special alloys
- Forged materials (45 kg – 45,000 kg)
 - Carbon steel
 - Stainless steel
 - Aluminum
- Ceramic materials
 - Basalt
 - Aluminum oxide
 - Zirconium oxide
 - Silicon carbide



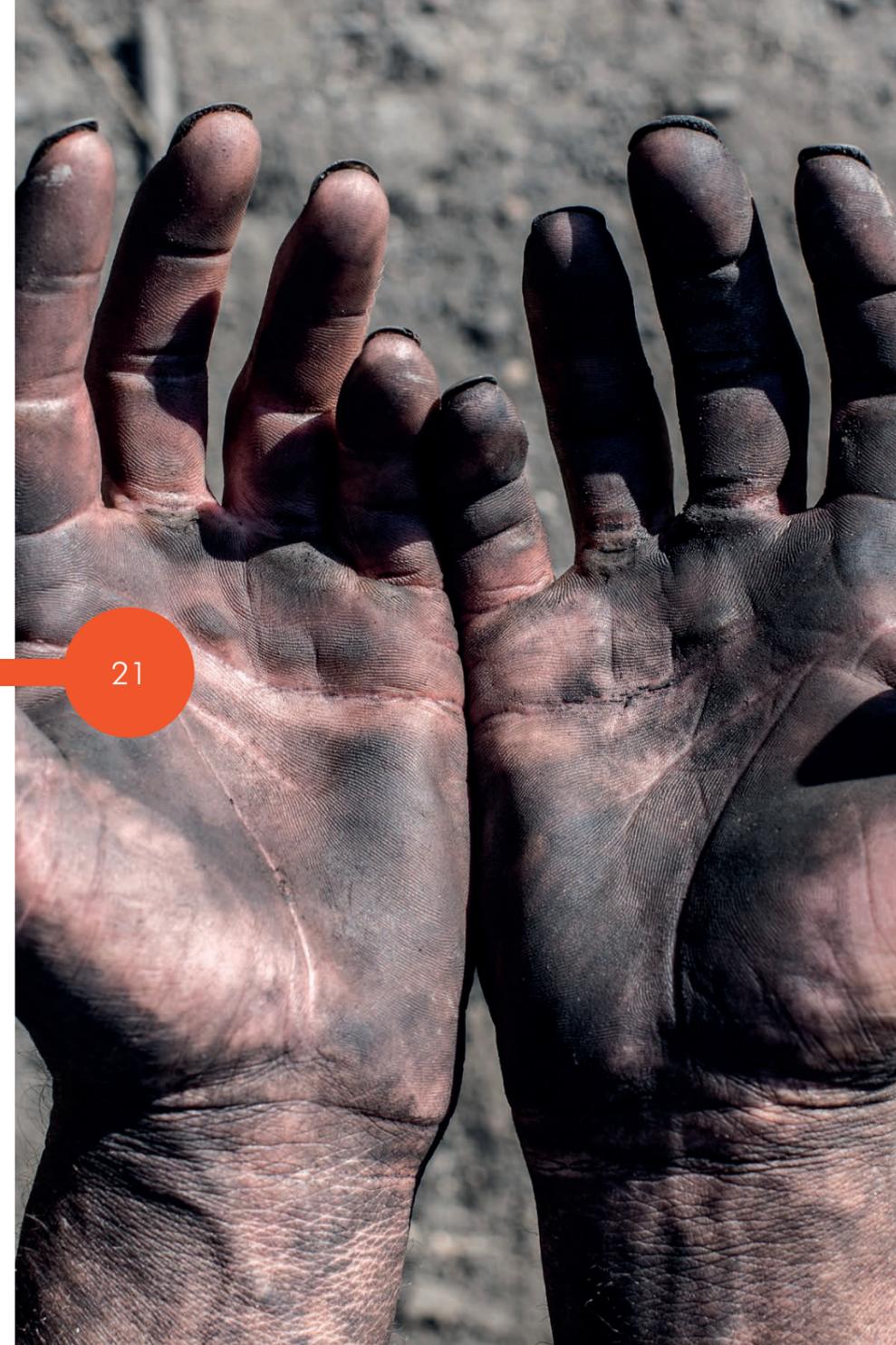
Expertise

Expertise is more than just experience. It is what makes us an expert in our field. We have decades of market experience, a deep understanding of our partners, detailed knowledge of iron and steel and comprehensive expertise in cutting-edge production technologies and quality management systems. These are not only our main assets, they are also part of our DNA and are therefore perceptible to our customers.

All of this is driven by the desire to establish sustainable partnerships and to deliver top-quality solutions on competitive terms. STEECO has the advantage of being independent and able to rely on a network established over decades, including partnerships with the market leading manufacturing companies in our industry.

This flexibility is a rare privilege for us and for our customers. It enables us to react to specific customer requirements and market conditions. These friendly, partnership-based relationships with our manufacturing companies ensure that we have technical and commercial frameworks in place which allow us to be a competitive partner at all times.

You too can benefit from our expertise!



At Site Service

STEECO employees are driven by their passion and commitment, and an interest in the customer's specific job. They are interested to see where our products and solutions are used. The places where it's dirty and noisy.

Not only because they find it fascinating, but because it is important to understand the products, the way in which they work and their requirements, the application areas and above all the customer. Over the course of many years, we have visited a large number of plants around the world and have learned from a wide variety of procedures and philosophies...because "Talking is silver. Understanding is gold"!

Every factory visit has taught us something new and has helped us move a step forward. We actively draw on this knowledge and experience to find you the best product solution. We do not hesitate to schedule regular visits to the factory outside of acceptance testing or commissioning.

We look forward to a joint visit to the factory!



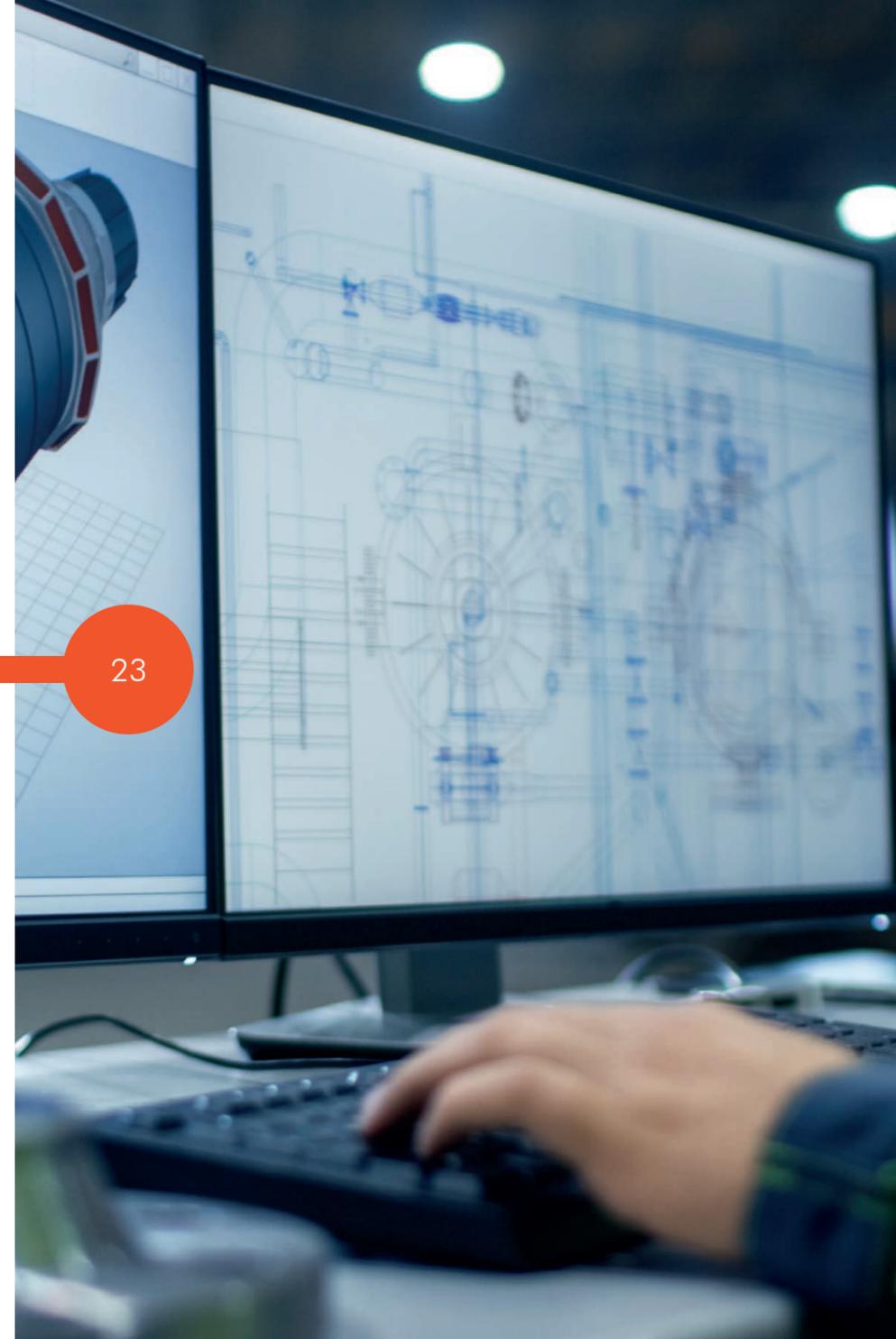
Partnership

More than just a supplier or a customer. The bottom line is that contractors always have the same or similar interests – to fulfill the subject matter of the contract in accordance with the technical and commercial terms and conditions. But is this enough for us? No!

Our aim, beyond the usual contractual relationship between customer and contractor, is to find a business level which enables both parties to make trustworthy and beneficial decisions that last. Because a partnership is like a deal where both parties win.

In our opinion, such a partnership is defined by:

- Commitment
- Reliable information
- Open communication
- Trustworthy and respectful interaction
- Reliable and sincere order processing
- Compliance with each other's rules of conduct
- Transparency
- Loyalty



Engineering

Engineering is not just a 'nice,' 'high-quality' word that is used in every service portfolio. We live and breathe it, and it is an integral part of our work. From the development and project planning of specific one-off or serial parts to the simulation and methodology of finite elements, we use state-of-the-art software solutions.

Moreover, engineering is a cornerstone of our services and is used on a daily basis to evaluate and process all inquiries and orders.

Before each quote, regardless of whether it relates to a project or a 'simple' drawing for one-off or series production, the customer's needs will be re-engineered; this will include an analysis of the place of use and the environmental conditions, in addition to a feasibility study. Understanding the product and its individual and specific requirements is not only part of our business philosophy, it also provides an opportunity for optimization and adjustments – always within the context of improving handling, durability and economic efficiency.

PARTNERSHIP
QUALITY
RELIABILITY
INTEGRITY
SERVICE
LOYALTY



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