

Welding | Milling | Assembly ***From Steel to Solution***

*Manufacturing of sophisticated
components and systems*

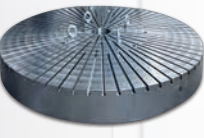
HAMUEL
REICHENBACHER
Members of the SCHERDELGroup



Welding
Expertise in every respect
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Large parts
Powerful and flexible
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Machining of large parts & welded structures

We manufacture top-quality welded steel structures to the highest quality standards:

- Weight per unit: up to 25 tons
- Dimensions: up to 17 m × 4 m

Contract manufacturing & comprehensive machining

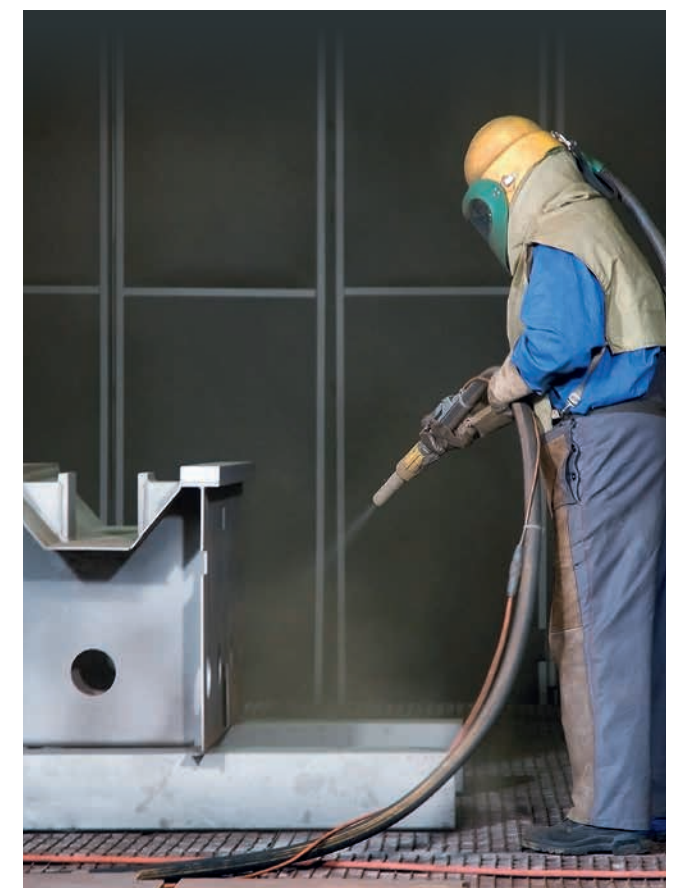
From roughing to the finishing stage, we offer you everything from a single source:

- Cutting & forming: laser and flame cutting, bending
- Surface & heat treatment: annealing, vibration stress relief, blasting and priming

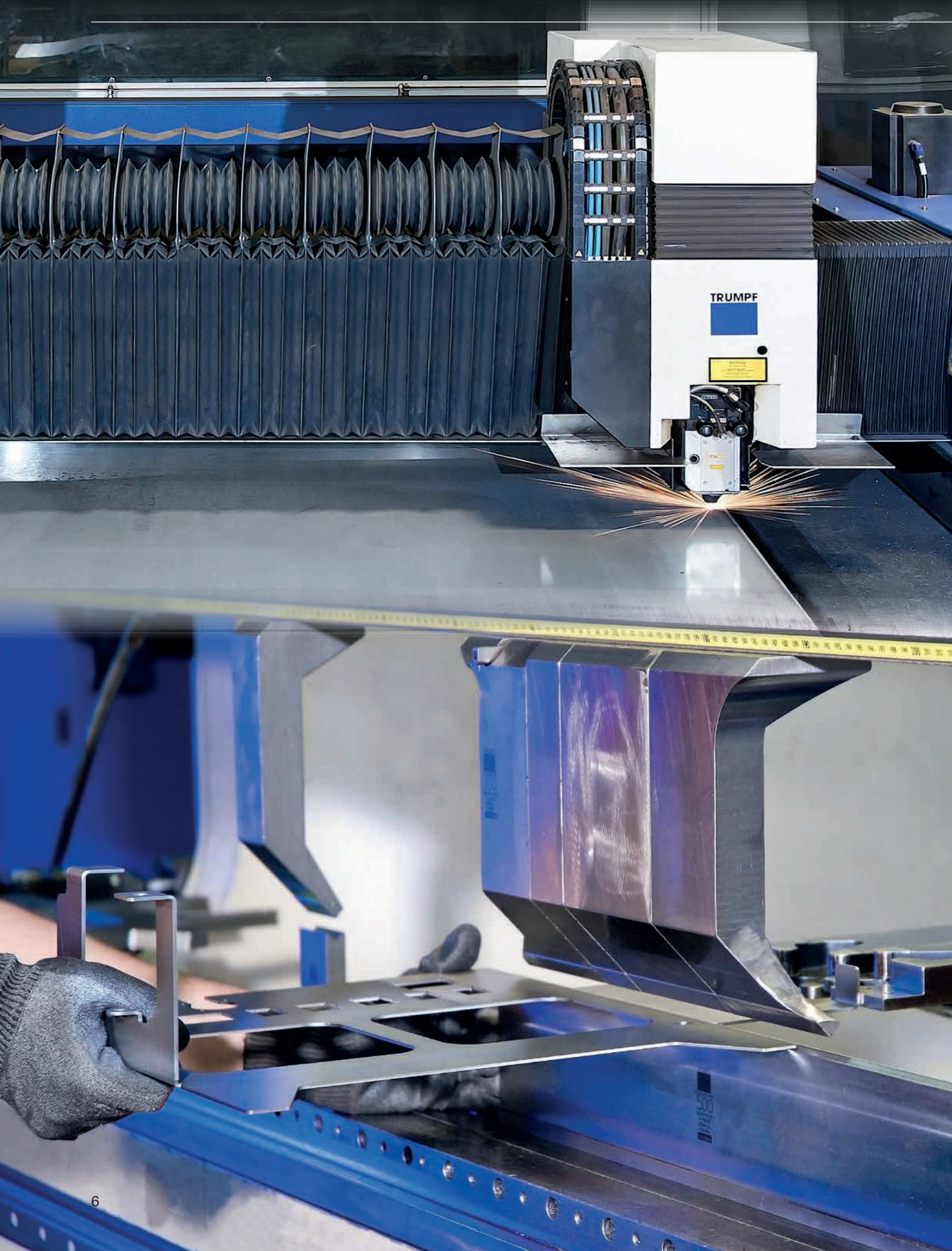
Certified quality & safety

Our manufacturing processes comply with the strictest industry standards:

- Certified per DIN EN ISO 3834-2:2021
(Comprehensive quality requirements for fusion welding)
- Certified specialist company in accordance with the WRA (Water Resources Act)



LASER AND SHEET METAL PROCESSING



Customized solutions

Laser processing

Our laser cutting machines enable us to process structural steel, stainless steel and aluminum with precision, speed and cost-effectiveness. The non-contact process works without tool wear and ensures material-friendly machining with minimum thermal effects.

Thanks to high cutting speeds, we can reliably and precisely machine even complex geometries, fine contours and drill holes in material thicknesses starting at 0.7 mm. Laser cutting produces optimum results, especially for intricate components that require the highest cutting quality and very little workpiece distortion.



Sheet metal processing

We use modern manufacturing technologies to produce high-quality technical sheet metal parts and complex sheet metal assemblies from thin sheet metal. Our range of services covers everything from prototypes and individual parts to small- and large-scale series production. In this context, we manufacture components ranging from lightweight sheet metal covers to heavy-duty bent parts weighing up to 400 kg.

The perfect combination of laser cutting and bending results in precise and cost-effective components, even for batch sizes as small as one. Thanks to tool-free manufacturing, our customers benefit from high flexibility, short processing times and low investment costs.



Precision in all dimensions: Your large parts are in the most capable hands

Our long-standing experience in machining complex components covers a wide range of materials – from traditional steel and cast iron to highly damping mineral casts. In addition, we develop customized solutions for the demanding machining of hybrid components that reliably meet the highest standards for dimensional accuracy and surface finish.

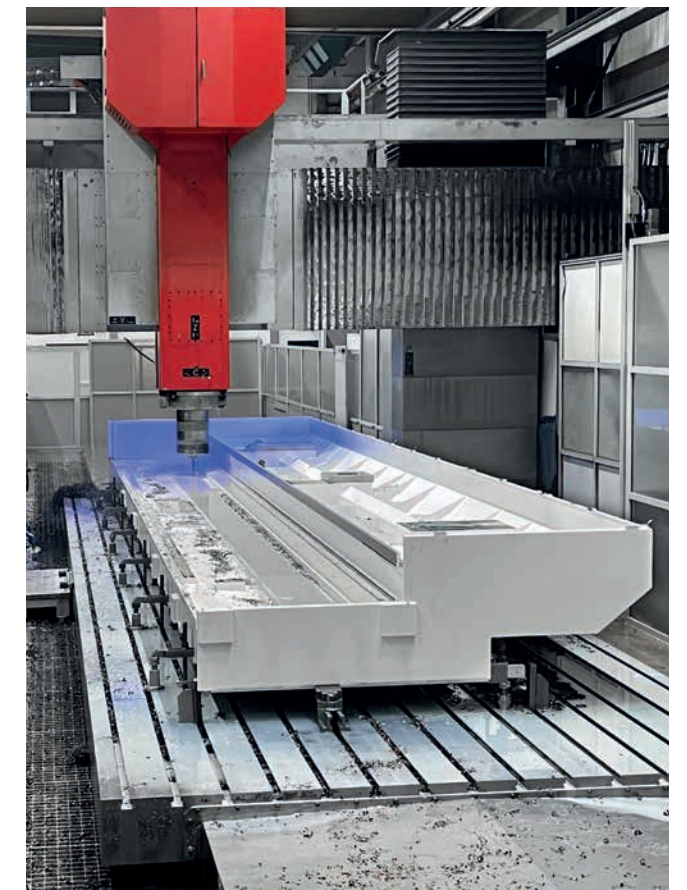
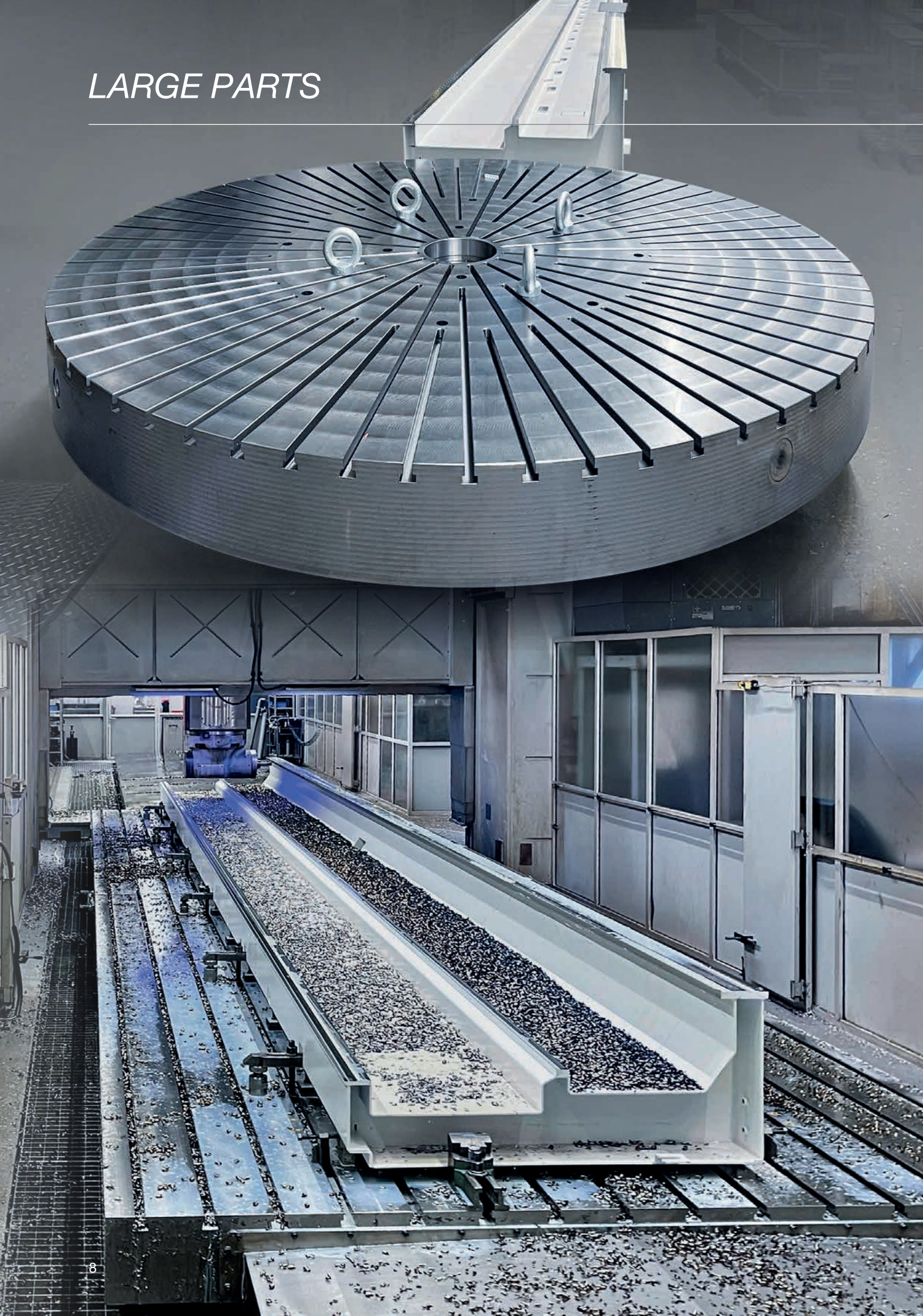
High-performance milling of large parts

Double-table milling machine

- Max. working area: 12,500 mm × 3,800 mm × 2,200 mm (L×W×H)
- Advantage: Efficient machining of large workpieces coupled with minimized setup costs.

Portal milling machine

- Max. working area: 12,470 mm × 2,900 mm × 1,700 mm (L×W×H)
- Advantage: Maximum rigidity and accuracy for complex geometries and surfaces.





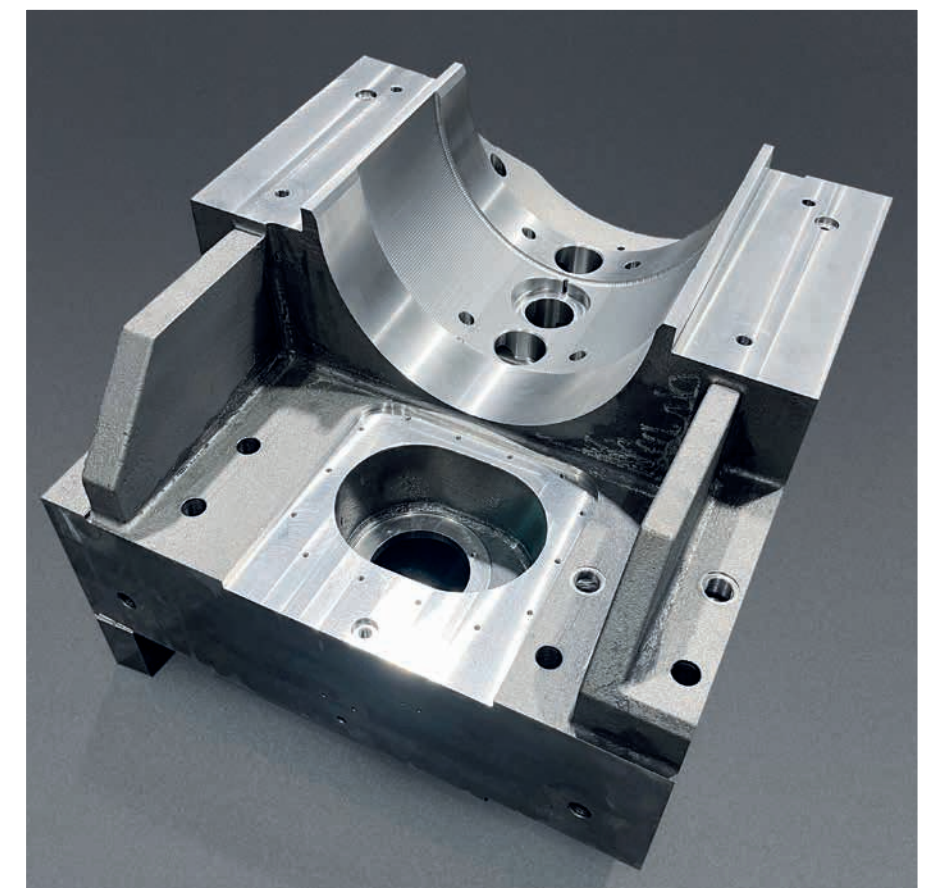
High-end 5-axis milling in a climate-controlled environment

Thanks to the latest 5-axis technology, we are able to produce even highly complex geometries and intricate contours with uncompromising precision. Our flexible manufacturing solutions perfectly adapt to your specific needs – from prototype development to series production.

Our high-performance machinery guarantees the greatest level of dimensional accuracy, excellent surface finish and efficient processing times for your components.

An overview of our working areas:

- Portal milling machine 1: 3,000 mm × 2,100 mm × 1,200 mm (L×W×H)
- Portal milling machine 2: 3,760 mm × 2,200 mm × 1,170 mm (L×W×H)



Your advantage: one partner for everything

From individual welded parts to precision machining and on to subassembly and final assembly: We cover your entire manufacturing process.

Our holistic approach allows us to manage every production step with the utmost precision – ensuring uncompromising quality, maximum efficiency and on-time delivery.



QUALITY ASSURANCE



Certified quality



Utmost perfection for your components

Our climate-controlled quality assurance guarantees maximum measuring accuracy and consistent quality control – backed by the latest technology and a certified quality management system.

Measuring and testing capacities

- 3D coordinates measuring technology: precise measurement of components up to **4,000 mm × 2,000 mm × 1,500 mm (L×W×H)** using high-end measuring machines from Zeiss and Wenzel.
- Laser measuring technology: precise capturing of complex geometries and finest surface structures.
- Transparency: detailed inspection report available upon request for each production step.

Certified quality: Our company is certified to **ISO 9001:2015** for the manufacture and sale of customized industrial components.



Experience meets innovation: perfection up to 12 meters in length

Your components deserve protection that keeps its promises and a surface that meets the highest visual and technical standards. As specialists in modern surface technology, we provide professional finishing services for small and large parts up to 12 meters in length – reliably, cost-effectively and with consistently high quality.

From thorough cleaning and pretreatment, through filling and grinding, to a high-quality final coat of paint: our company offers the entire process under one roof. In order to achieve optimum results, our experienced specialists rely on state-of-the-art equipment, high-performance coating systems and precisely coordinated workflows.

Our extensive painting and drying capacities allow us to efficiently process both individual components and serial orders. Heatable drying booths ensure ideal curing conditions and excellent long-term paint adhesion. This generates robust surfaces that provide reliable protection against the effects of weather, corrosion and mechanical stress.

Whether machine parts, steel structures or custom-made products: We give your products a high-quality finish and ensure long-lasting protection. The result are perfectly coated surfaces that impress with their quality, durability and a flawless appearance.





Strong. Global. Reliable.



approx. **6,800**
employees
worldwide



34
international
locations



41
producing
factories



1889
founding year –
tradition with
a future



Our six key strengths



Strong basis

The SCHERDEL Group forms a solid basis for lasting growth.



Financial stability

Sound finances and an independent ownership structure ensure long-term reliability.



International presence

Worldwide locations and customer focus build global strength and local competence.



Technological expertise

Access to the latest technologies and many years of know-how in machine building.



Secure future

Long-term strategies, innovation and sustainable behavior for future generations.



Innovative power

Continuous innovations for efficient solutions for tomorrow.

Stronger together. For your success.

HAMUEL Maschinenbau is part of the SCHERDELGroup – an internationally successful family-owned company with more than 130 years of experience. This affiliation gives our customers the certainty of having a strong partner: financially stable, globally connected and a technology leader. We combine HAMUEL's entrepreneurial flexibility and personal commitment with the strength and innovative capacity of a global corporation. These efforts result in future-proof machines and solutions that set the standards – today and tomorrow.

PRECISION CONNECTS. TECHNOLOGY MOVES US FORWARD. SHAPING THE FUTURE.



Swen-Uwe Baacke

Head of department / Meeder location

Contract and custom manufacturing,
Component manufacturing

Phone: +49 162 3498167
E-Mail: swen-uwe.baacke@hamuel.de

Address:
HAMUEL Maschinenbau GmbH & Co. KG
Industriestraße 6
96484 Meeder



Sebastian Schaller

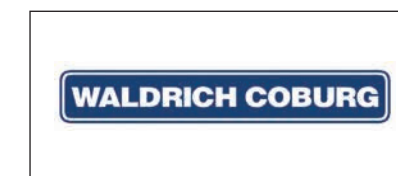
Plant management / Plauen location

Contract and custom manufacturing,
Welded components

Phone: +49 3741 599-46
E-Mail: sebastian.schaller@hamuel.de

Address:
HAMÜL Maschinenbau Plauen GmbH & Co. KG
Hans-Sachs-Straße 28
08525 Plauen

LONGTIME PARTNERSHIPS:



HAMUEL Maschinenbau GmbH & Co. KG

Industriestraße 6
D-96484 Meeder
Phone: +49 95 66-92 24 0
info@hamuel.de
www.reichenbacher-hamuel.com

HAMÜL Maschinenbau Plauen GmbH & Co. KG

Hans-Sachs-Straße 28
D-08525 Plauen
Phone: +49 3741 599-20
info@hamuel-plauen.de
www.reichenbacher-hamuel.com

