

MPB Engineering & Consulting

Your reliable partner in the field of commercial agency mechanical engineering



Commercial agency mechanical engineering

As independent sales representatives in mechanical engineering, we see ourselves as your professional partner and comprehensive advisor throughout all phases of the project – from the initial concept development to the delivery of the finished product, tailored precisely to your individual requirements and wishes. Our role as an intermediary between customers and manufacturing companies enables us to ensure seamless communication and an efficient workflow. We maintain constant exchange with both parties to make sure your needs and expectations are always met.

Our expertise extends far beyond purely commercial mediation – we also offer extensive technical support and advice. With our in-depth technical knowledge, we assist you in the detailed planning and technical implementation of your projects. This includes not only the selection of appropriate manufacturing techniques but also the optimization of designs and ensuring efficient, high-quality production.

Our manufacturing focus lies in the processing and production of large, heavy, and complex workpieces, particularly in the press industry. Here, we concentrate on specialized manufacturing processes such as milling, deep drilling, and welding to produce components of the highest precision. Another key area of our expertise is the production of heating and cooling plates used in various industries and applications. Our customers benefit from the flexibility we offer, as we are able to develop custom solutions for a wide range of requirements.

Another significant area of expertise is the production of plastic injection molds in all conceivable designs. These precisely crafted tools are essential for a variety of plastic processing processes and are manufactured to the highest quality standards. Our long-standing and satisfied customers include renowned machinery and plant manufacturers from across Europe, who are market leaders in their respective technological fields and have the highest demands for quality and precision.

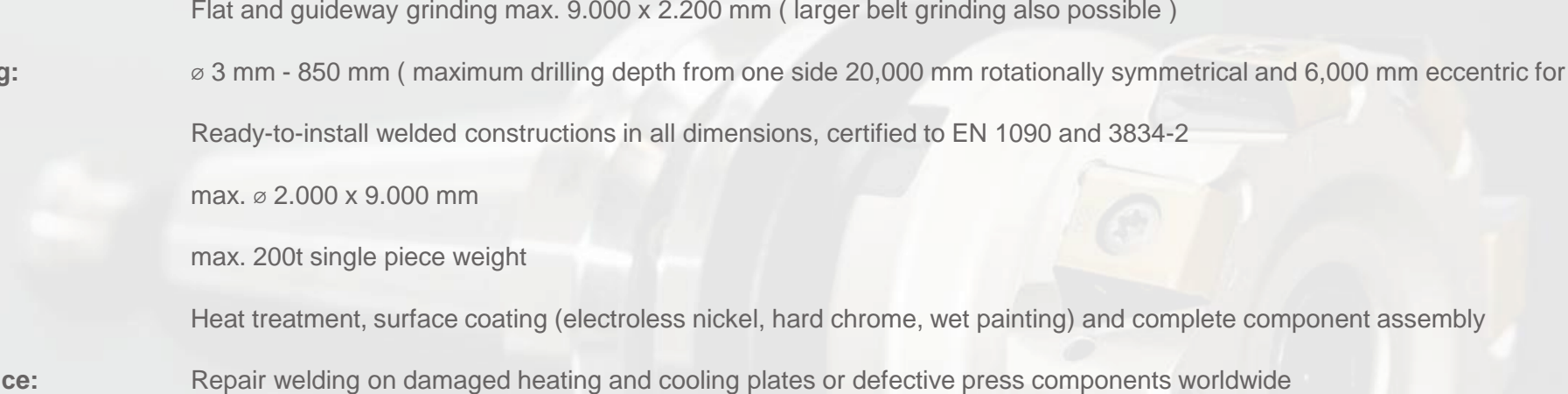
Thanks to our extensive partner network, we have access to a portfolio of around 900 state-of-the-art machining machines across Europe. This provides us with the flexibility to select the optimal manufacturing resource for each project – always with the aim of using the best machine for the specific component. This broad machine availability enables us to not only ensure the highest precision but also optimize production costs while minimizing environmental impact.

Our collaborative partnership with highly qualified manufacturing companies allows us to streamline production processes as efficiently as possible. This not only leads to significant savings in resources and energy but also allows us to offer the most economical hourly rate. This results in noticeable reductions in lead times, allowing your projects to be completed more quickly. Additionally, we place great value on transparent communication, which enables us to offer precise and reliable planning and execution, fully aligned with your ideas and requirements.

Below, you will find our manufacturing competencies.

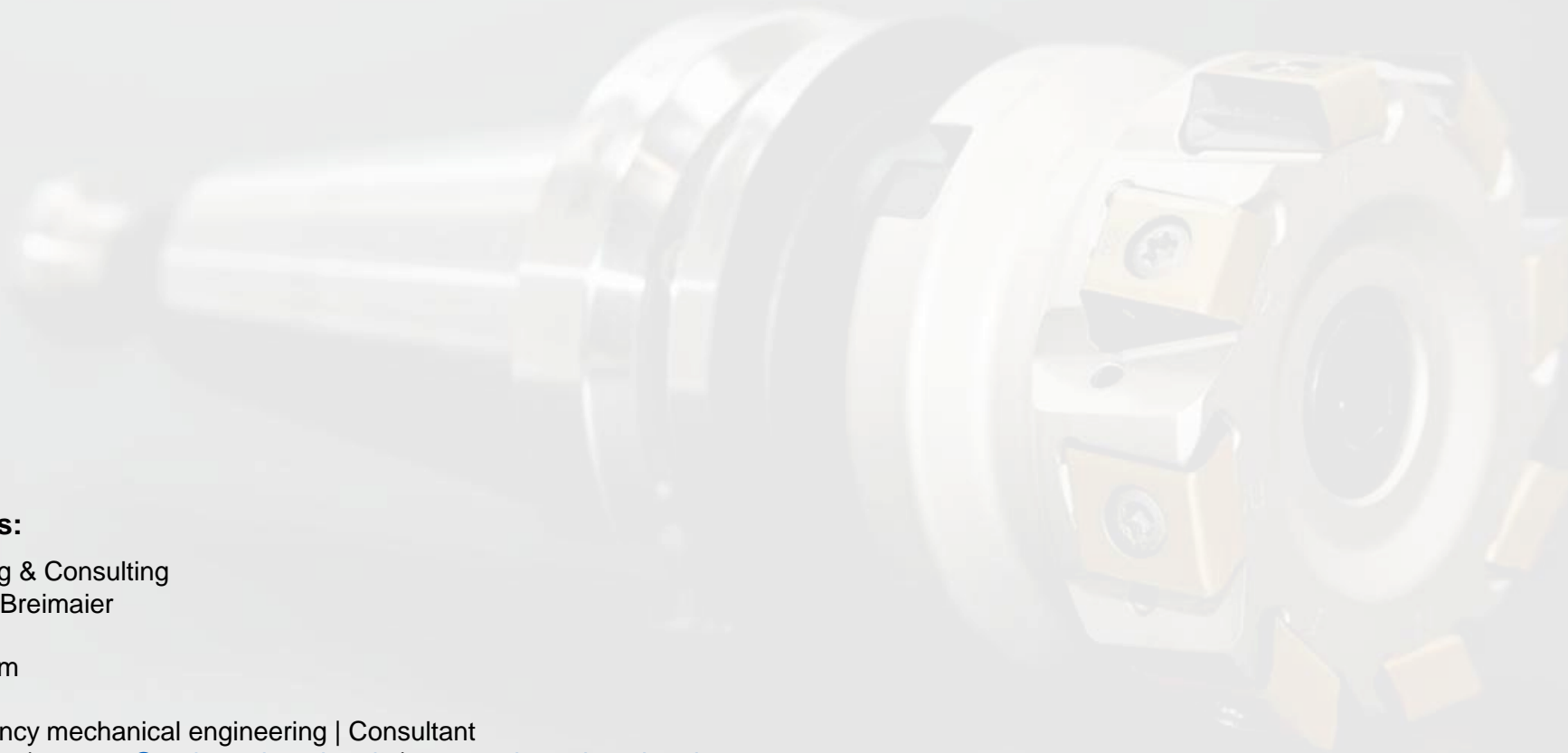
Manufacturing expertise

We offer you the following manufacturing expertise:



Milling:	250 x 250 mm - 36.000 x 5.000 mm (5-axis simultaneous milling possible)
Grinding:	Flat and guideway grinding max. 9.000 x 2.200 mm (larger belt grinding also possible)
Deep drilling:	∅ 3 mm - 850 mm (maximum drilling depth from one side 20,000 mm rotationally symmetrical and 6,000 mm eccentric for cubic workpieces)
Welding:	Ready-to-install welded constructions in all dimensions, certified to EN 1090 and 3834-2
Turning:	max. ∅ 2.000 x 9.000 mm
Unit weight:	max. 200t single piece weight
Other:	Heat treatment, surface coating (electroless nickel, hard chrome, wet painting) and complete component assembly
Repair service:	Repair welding on damaged heating and cooling plates or defective press components worldwide

We are happy to provide you with full support in the realization of your projects with our Europe-wide supplier and customer network.



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