

Analyse. Develop. Create.

System provider of perfection and efficiency



Tailor-made machine concepts by Mössner

Analysieren. Entwickeln. Machen.





Decoring. Deburring.
Sawing. Testing.
Take your pick.

Our strength is in our actions. This is the attitude we adopt as we stand at the side of our customers, providing tailor-made machine concepts from a single source. As a medium-sized company operating globally, we are the ideal partner for solving sawing, cutting and testing tasks. Our automated special machines are adapted to the respective tasks of the individual customers.

Our machine concepts focus on integrating band saw machines and robots. We offer a comprehensive range of services for our products in the areas of development, commissioning, operational support and evaluation.

The high level of education of our employees and proximity to customers are crucial to the continued success of our products. We often take unconventional paths for our customers and implement new solutions. We are practitioners with a high level of technical expertise in the production of tailor-made products and solutions. Our business areas are casting technology, aluminium processing, the processing of abrasive materials and the dismantling of nuclear plants. Tell us what we can do for you.



Mössner casting finishing systems

Just like our customers, our products and services are best in class for casting technology. Whether it be sawing, decoring, deburring, cooling or processing in another way, complex and highly automated processes are behind the precise and fast processing of cast parts with Mössner special machines.



The highly automated Mössner part processing systems for castings enable all the sub-processes required for processing castings in a machine system: part recognition, part handling, part transport, separation of the gates and risers, production of clamping and processing surfaces, fettling and deburring. The separation and disposal of return material and eventually the handover of the tested components can also be organised centrally. The systems are either designed as compact noise-protected cells or as transfer lines.

Sawing

The separation of gates and risers is carried out quickly and efficiently using the automatic or semi-automatic band saws.



Decoring

The Mössner decoring cell offers all possibilities for thoroughly decoring castings. It combines the crucial functions of hammering, vibrating and turning in one machine. It can even be used in mixed operation in connection with automatic part recognition..

Deburring

Mössner casting technology automates the flexible cleaning, deburring and initial processing of cast parts.

Services

If required, we can offer our customers comprehensive engineering as well as other services. Depending on customer requirements, we can plan the development of the raw castings up to the finished workpiece.

Mössner aluminium processing

Fast and precise. Without the ifs and buts. Sawing slabs, blocks or sheets of the high-performance material aluminium efficiently is particularly demanding. Durable, powerful and reliable – our machines are a decisive factor in terms of competitiveness.

Mössner sawing systems are manufactured in different sizes and power outputs of up to 100 kW. Adapted to the requirements of customers, the special machines are individually equipped with a multitude of electrical and hydraulic work units and components to solve specific work processes optimally. These include, for example, solutions for the feed movements for clamping workpieces and tools or for changing saw blades, as well as the supply and rotation of the saw blade guides. There are also rolling processes for the unfinished and finished parts and transport systems for chips and waste. High-tech systems for process control, monitoring and diagnosis are also important.



Aluminium band saw technology for sawing slabs, billets and T-bars

Using a Mössner sawing system, all different types of slabs can be sawn quickly, precisely, with a small kerf and thus a small amount of chips, energy-efficiently and with any cut-off that can be programmed. Our systems run fully automatically, are controlled numerically, are monitored by laser and dispose of chips.

Aluminium band saw technology for the production of sheets and blocks

Aluminium sheets of variable thickness can be produced with the Mössner saw system for horizontal and vertical cuts. The blocks are supplied automatically, positioned and clamped. The blocks are separated into different sections through CNC programming. The saw which is aligned to perform vertical cuts can be used universally and is also suited to sawing large blocks into smaller blocks.

Mössner standard band saws

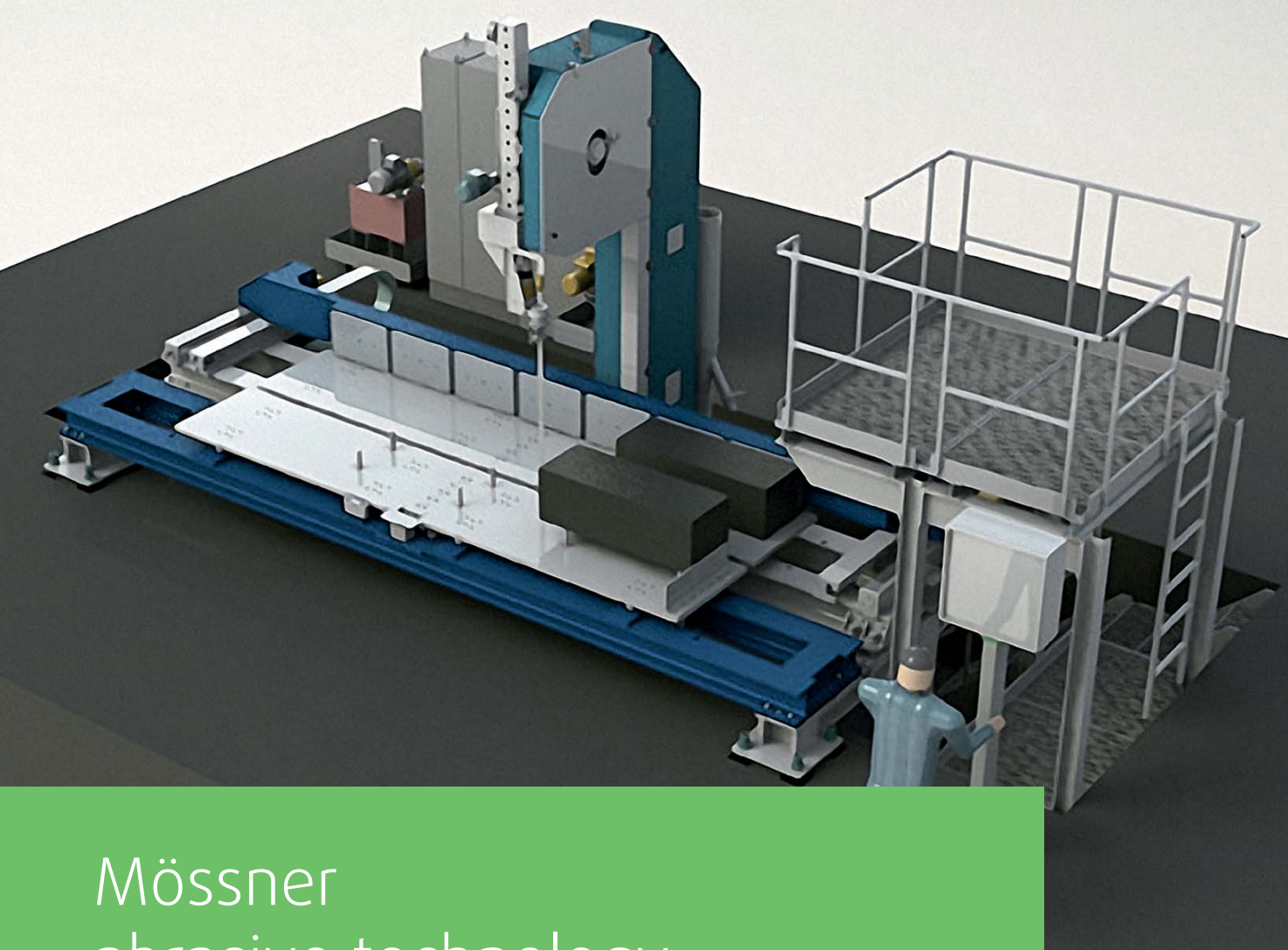
Successful from the start. And still good in the end. Our band saw machines are important contributors to the success of every production process. They embody our demand for robustness and durability. We have set the standard and conquered markets with these products.



Many companies all over the world appreciate the high quality of our machines and the reliable supply of spare parts offered by us. From us you can obtain band saw machines with different performance values for many different applications.

Of course, we can also adapt our products to the respective requirements and application. The comprehensive accessories provide ideal solutions for almost all requirements.





Mössner abrasive technology

Special materials require special solutions. Whether it be silicon, glass, graphite or carbide metal, with a Mössner band saw machine, you control the material and not the other way around.

Special materials are often also particularly valuable. The possibilities offered by a Mössner band saw machine avoid waste and ensure fast production as well as maximum precision. Only a very narrow cut is created and the loss of material is particularly low. The reduction of the chips volume saves energy and also reduces materials costs.

Chips can be vacuumed up efficiently. The high possible cutting speed of the saw suits the different materials. High cutting heights are also possible. Different saw blade types, such as tool steel blades, carbide metal blades and diamond-tipped blades can easily be used.

Mössner nuclear technology dismantlement



Where a task presents itself, we will find the solution. Even if the task is a particularly demanding one. This is particularly true of our machine concepts for dismantling nuclear technology.

The dismantlement of nuclear plants is a complex process, the conditions of which demand a high degree of adaptability and technological expertise. The topic of safety in particular allows no room for error and requires maximum performance. Together with our clients, we have, for example, developed solutions for disassembling fittings of the reactor pressure vessel.



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