



High-grade
customized solutions

Innovative customized cutting technology

we think in **cutting** solutions.



ENGLISH

expert systemtechnik gmbh

expert systemtechnik gmbh designs, develops and produces fully automated 2D cutting systems in the fields of waterjet cutting and CNC cutting technology. Since 1994 our business goal has been to improve processes and workflows across industry by means of a combination of reliable mechanical engineering, application-oriented software solutions and a solution-oriented use of new technologies. The **expert** portfolio stands for a one-stop complete solution cutting technology.

flexible materials. The specifically cut elements are used in the automobile exclusive interiors and high-end upholstered furniture industries, in addition to the highly complex aerospace and rail technology industry. These machines are either individually developed products or standard products which have been supplied and assembled on site for our customer. During this process, we offer further support to our customers via our in-house developed system solutions.



Our waterjet and knife cutting machines have been successfully used by leading international enterprises for many years, being employed to cut a wide variety of

Pressure created by rising global competition means that machines and software solutions which connect upstream and downstream processes and workflow automation are becoming increasingly crucial.

Due to the fact that every company is unique and has customized requirements, personal communication is first and foremost in our business. Companies reduce lead times, increase their productivity and thereby continue to be competitive on international markets.

We bring together all the relevant core competences necessary for the precise and resource efficient use of waterjet and knife cutting technology.

Creating Customized Solutions with Modular Technology and Agile Working Practices

Every company and every manufacturing process is unique. Our appreciation of this is found in our drive to develop a simple and practical solution for every technical challenge. For more than 25 years we have been designing and developing innovative automated CAD/CAM controlled cutting systems using waterjet and CNC technology – always implemented in combination with the most up-to-date digital technology, our in-house software.



30 Team Members



+128 Clients



6 Languages in our Team

Our Mission

Inspired by curiosity and a highly developed passion for new technology, we support manufacturing businesses operating in the area of cutting flexible materials.

We are an independent solution provider, located in the heart of the mechanical engineering region in Germany, supplying companies worldwide with innovative, fully-automated 2D cutting systems.

By thinking outside the box as well as combining and connecting, time and again

we create practical solutions with genuine added value. Acting as a driving force and sparring partner for technical problems, we combine our mechanical engineering and software know-how.

As a family-run business established in 1994, with no wish to change this, we have been described by our customers as extremely flexible, competent and reliable. Although it might be presumptuous to claim this ourselves, we do however think it is true.

Our Way of Working

We meet with our customers on equal terms always doing so until we find the required solution, as we are interested in long-term business partnerships.

By thinking outside the box, combining and connecting we find customized, simple and practical solutions to optimize your process chain via continuous exchange, being wholeheartedly “German Engineered”.

Our global network of partners also supports you on site. If you however prefer to stay connected to your personal consul-

tant in Germany, problem-free communication is guaranteed. Whether you prefer digital, analogue, remote servicing, email, telephone or face-to-face, we provide the basis which corresponds to your wishes.

However talking is not all we do. Together with you, we assess the most optimal application solution to suit your requirements and will gladly do so in our own innovation lab. Once coordinated and decided on, we install a complete system at your production facilities within a period of 6 months worldwide, while always perfectly customizing it to your process workflows.

Waterjet Technology or CNC Technology

The modular design of our systems enables customization individual to your specific challenges. As a result of the modular structure, processes are separated thereby allowing for maximum flexibility.

In-house Software Solutions

Our team comprising of experienced and highly qualified IT graduates develops perfectly customized software for your projects. Working together with you, we find the appropriate module or write the software which best fits your requirements.



We Offer

Employing our tried and tested engineering skills, our customized waterjet and CNC cutting systems are engineered using high-grade components sourced from recognized high-quality suppliers, who like you are specialists in their particular fields. In the process we focus on modular cutting solutions for leather, technical textiles and industrial materials – we cut (almost) everything.

As a customer, you always receive current state-of-the-art technology solutions with our in-house software applications for controlling, nesting and monitoring. This is guaranteed by our in-house design and development team, a group of clever minds with a passion for technology.

Long-term partnerships with recognized universities and associations ensure that

we too as a medium-sized family enterprise are always that one decisive step ahead with regard to technology, organization and concepts. This is something we are and continue to be proud of.

Always Staying a Step Ahead

Long-term cooperations with recognized universities and associations ensure that even as a medium-sized family business we are always a decisive step ahead. Technically, organisationally and conceptually. We are and will remain proud of this.

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Customized solutions, modular technology, agile working practices

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