



stoba Memmingen in Munich

stoba Customized Machinery at LaserWorld of Photonics 2023

Memmingen, 6 June 2023. From June 27 to 30, 2023, stoba Customized Machinery will be present at the LaserWorld of Photonics trade fair in Munich. Visitors will have the opportunity to talk to stoba's laser experts on site about new developments, fields of application and possible solutions for laser material processing.

From automotive to aerospace to electronics - the areas of application for laser material processing are diverse. In particular, the applications of laser welding and laser drilling often replace other manufacturing processes due to technical and economic aspects and offer great advantages. In addition to less distortion in laser welding and less burr formation or even freedom from burrs in drilling with ultrashort pulse lasers (UKP), the processes also stand out due to their good automation capabilities. The focus at the stoba Customized Machinery booth at LaserWorld of Photonics 2023 will therefore be on precisely these processes.

There, Michael Berkner, Sales Laser Technology Expert, Simon Mohr, Laser Technology Expert, and Matthias Leichtle, Team Leader Laser Application, will not only show examples of the results that can be achieved with laser welding and drilling. Much more, they will also be available to interested parties with their expertise as contact persons for questions about the technology and its application. "We are looking forward to a lively exchange with visitors and to gaining new insights into their challenges in production. Because there are certainly many cases in which laser material processing can be an answer - and we are ready to look for it, find it and implement it in such a way that it optimally fits the individual application," says Michael Berkner.

Previous stoba Customized Machinery projects show what this can look like: For example, a laser welding solution for the assembly of seven individual parts was recently developed in the aerospace sector. Another customer is currently using the FocusCOMBINED, a machine that enables a combination of laser welding, laser drilling and other processes (for more details, see the info boxes below). While stoba has so far mainly been active in the field of full automation in laser drilling, these projects are now also a reference for the company's expertise in the laser macro world.

"The field of laser processing is becoming increasingly important - also at stoba Customized Machinery," explains Simon Mohr. "LaserWorld of Photonics is therefore an optimal opportunity to show what we can already do today and, more importantly, what we can do and develop for the future."

You can find stoba Customized Machinery on all four exhibition days in Hall A3, Booth 416. Tickets for the trade fair can be requested from Christin Müller at christin.mueller@stoba-memmingen.de.



Laser Technology Made by stoba

Modular All in One Solution: The FocusCOMBINED	"Customized" in action: individual laser system solutions
<ul style="list-style-type: none">- Laser cell with two lasers + parts handling + camera and measuring systems on 5 linear axes (additional axes possible).- Wide range of applications due to numerous combination possibilities- individual partial automation enables operator-reduced production- Can be used as stand-alone machine, interlinked or as part of a fully automated special solution- Suitable for small to medium quantities- Can be used in the automotive, aerospace, electronics, precision engineering, medical technology, and general metal industry sectors	<ul style="list-style-type: none">- Development of individual solutions and process combinations- Example Aerospace: Here the following processes run in one machine:<ul style="list-style-type: none">- Fully automatic parts feeding via conveyor belts- Robot handling for pre-assembly- Laser welding- Closing by welding- Filling of the resulting hollow body with process gas- Leak test- Subsequent laser marking

About stoba Customized Machinery:

stoba Customized Machinery in Memmingen is part of the stoba group and the expert for the innovative development of high-precision technology applications and special high-end solutions in mechanical engineering. The company with around 50 employees specializes in electrochemical metal machining (P)ECM and laser precision machining as well as visual inspection by AI. As a practical development partner, stoba Customized Machinery offers its global customers innovative as well as classic solutions - from feasibility testing to series production.

More information: <https://www.stoba.one/en/customized-machinery>

About stoba:

stoba is a group of companies with the technology areas of precision technology and special machine construction for various markets. Founded in 1961 in Backnang, Baden-Württemberg, the group is now represented by more than 1,000 employees at seven locations worldwide (Backnang, Memmingen, Weinstadt, Brno, Charleston, Small Dole, Yantai). stoba stands for long-tested quality, individual customer-oriented solutions and ambitious visionary innovations for the future. In 2020 as well as in 2021 and 2022, the company was awarded the TOP 100 seal for its special innovative strength and above-average innovation successes.

More information: <https://www.stoba.one/en/>



Note to editors:

This and other press information can be found in the Media section of stoba's website at <https://www.stoba.one/en/media>

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