

BBW Lasertechnik increases production capacity for laser-welded battery modules

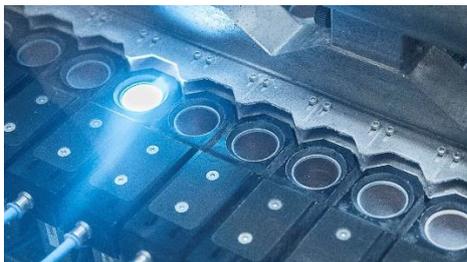
Prutting, Germany 19/12/2022 - Due to increasing demand, BBW Lasertechnik is increasing its production capacity for laser-welded battery modules. The new production lines feature a higher degree of automation as well as end-to-end process control and documentation. "The investment doubles our capacity for battery modules to over 1 GWh per year. That is comparable to the energy that 20,000 electric cars can store," says Andreas Bürger, managing director of BBW Lasertechnik. The company produces custom battery modules for various industries, e.g. logistics, automotive, rail transport, aviation or agricultural technology.

From samples and prototypes to small and medium-sized series

BBW Lasertechnik is thus positioning itself even stronger as a supplier for small and medium-sized series and can support the ramp-up for projects in the automotive sector. Samples and prototypes can be produced on the extensive and flexible machinery and series on interlinked production lines. On the latter, the various testing, manufacturing, assembly and welding processes are integrated, and, at the same time, documentation of the various process steps is carried out at cell and module level. BBW processes cylindrical, prismatic and pouch cells.

Flexibility, cost efficiency & fast delivery capability through extensive technology portfolio

Customers benefit in several ways from BBW Lasertechnik's expanded range of products: applications can be developed quickly and purposefully thanks to the company's in-depth know-how in laser material processing. In addition, BBW's extensive technology portfolio allows it to flexibly choose the most suitable system technology. For series production, it is also possible to react quickly and flexibly without incurring high initial costs through in-house development and construction of self-built and modular systems. In this way, BBW Lasertechnik ensures fast delivery capability for projects with high volumes, even in the face of uncertain general conditions. "The availability of battery cells is a major issue today. In some cases, we don't know which cell types we will have to process in the future - but we are flexible enough to be able to react quickly to changes," says Andreas Bürger.



Welding process for battery modules

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About BBW Lasertechnik:

BBW Lasertechnik GmbH is a leading German specialist in laser material processing. The company's range of services includes laser welding, laser cutting, laser drilling and laser ablation, as well as mechanical processing and assembly. If required, an in-house construction department can develop custom-made fixtures and machines. These capabilities enable BBW Lasertechnik to serve customers from all industry areas. Founded in 1997, BBW Lasertechnik now employs around 200 people and is focused on continuous growing.

Find more information about BBW Lasertechnik at: <https://www.bbw-lasertechnik.de/>

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