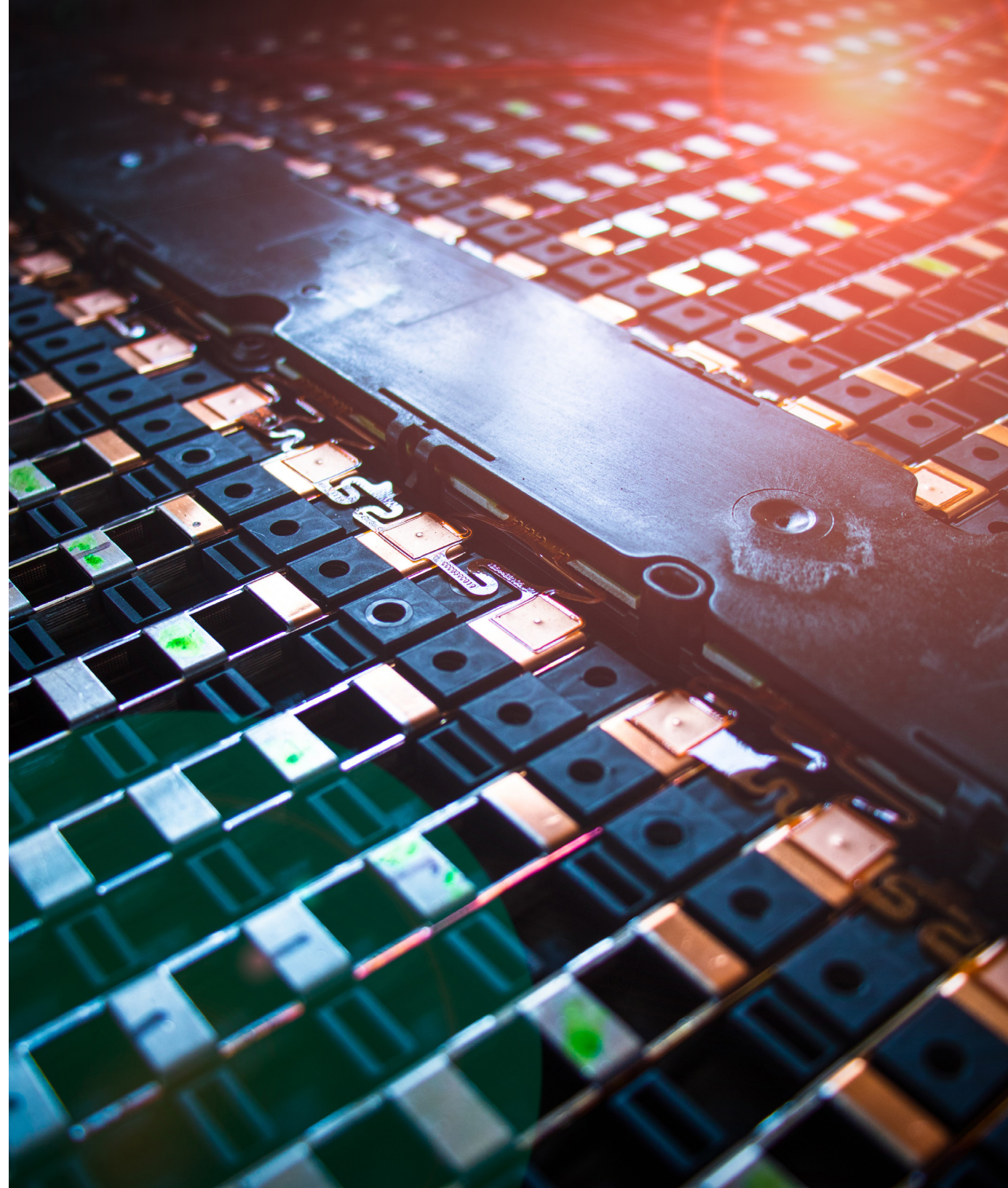
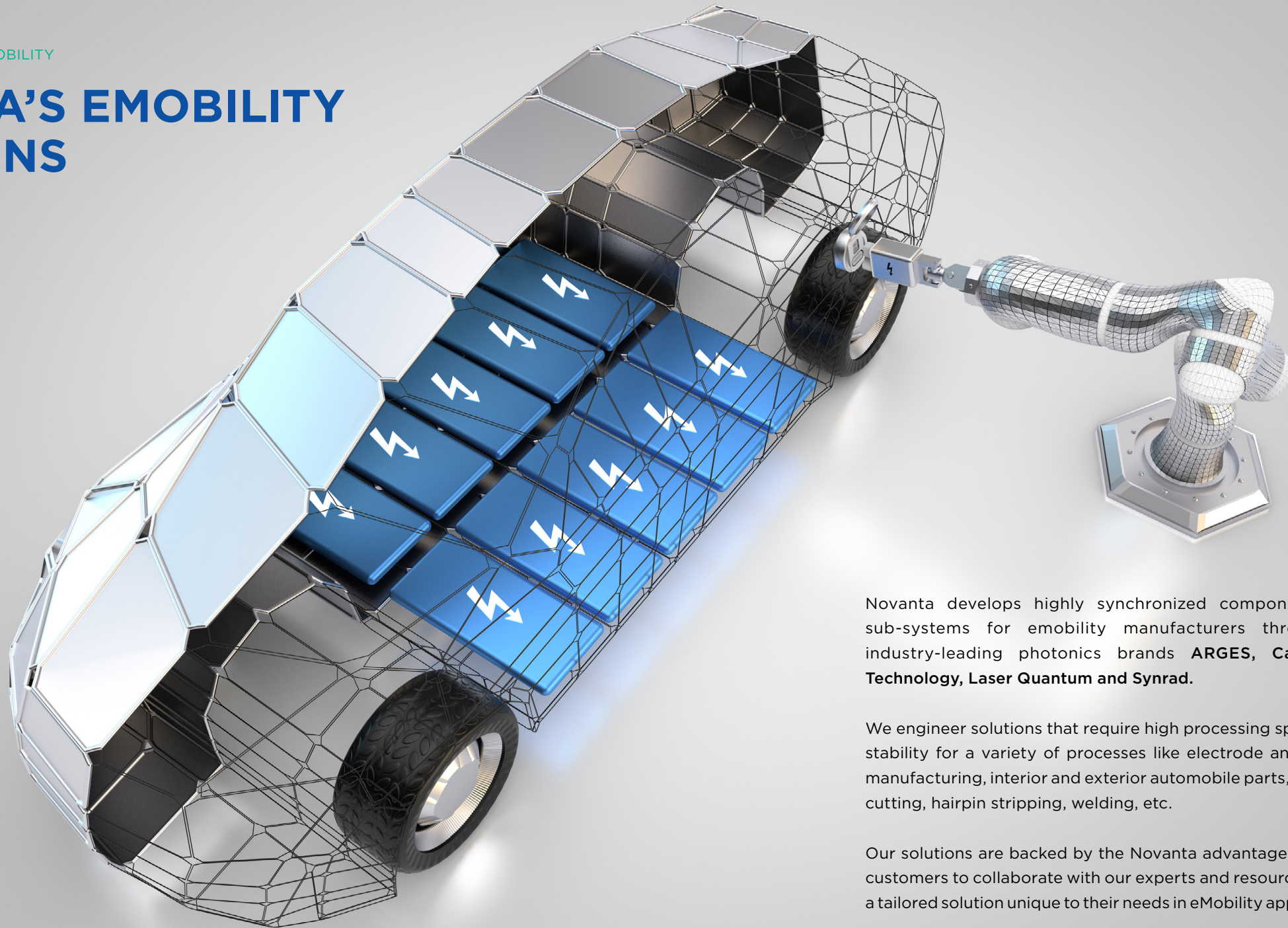


LASER PROCESSING SOLUTIONS FOR E-MOBILITY MANUFACTURING

High precision beam delivery, laser sources, and integrated sub-systems for advanced laser manufacturing processes.



NOVANTA'S EMOBILITY SOLUTIONS



Novanta develops highly synchronized components and sub-systems for emobility manufacturers through its industry-leading photonics brands **ARGES, Cambridge Technology, Laser Quantum and Synrad.**

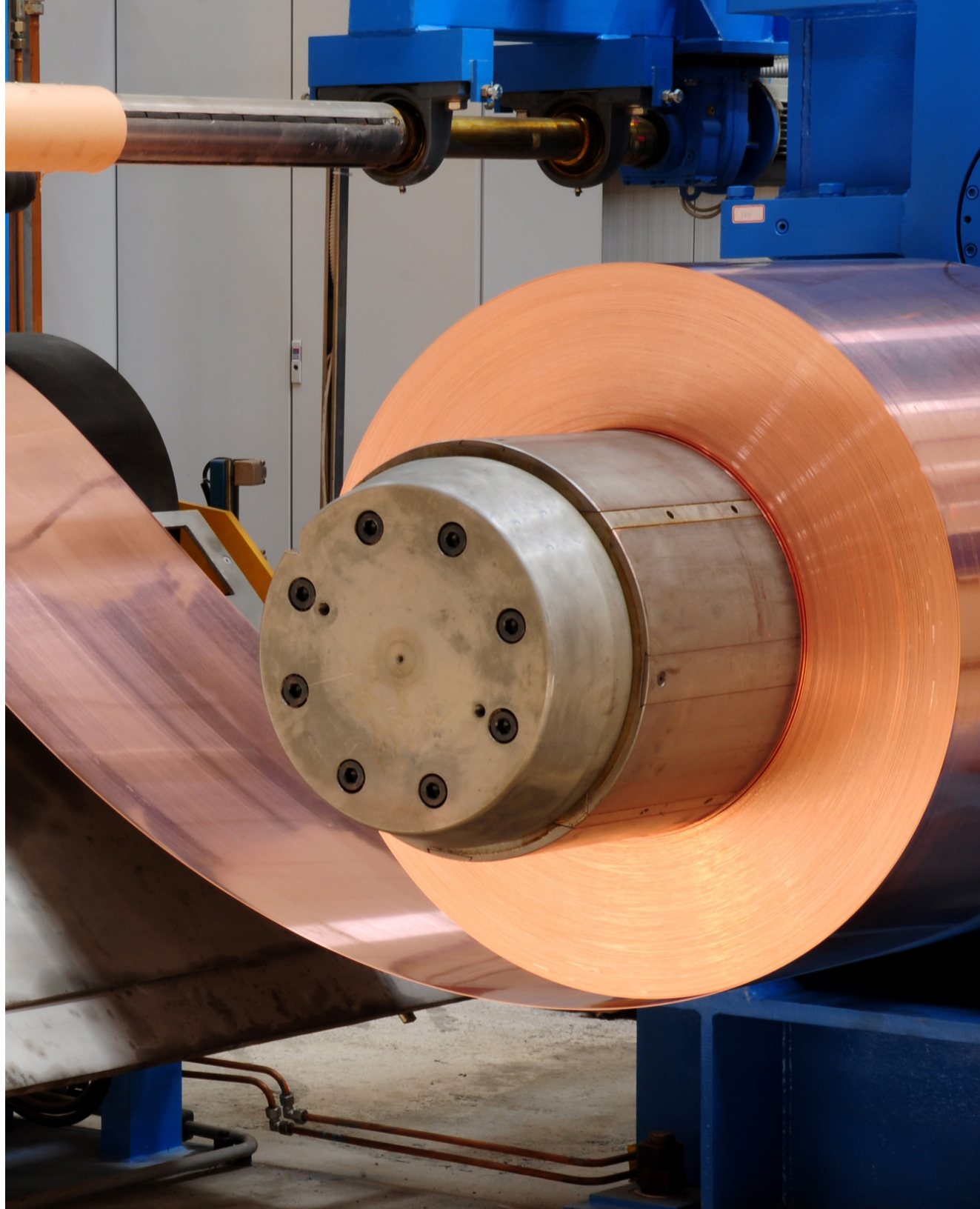
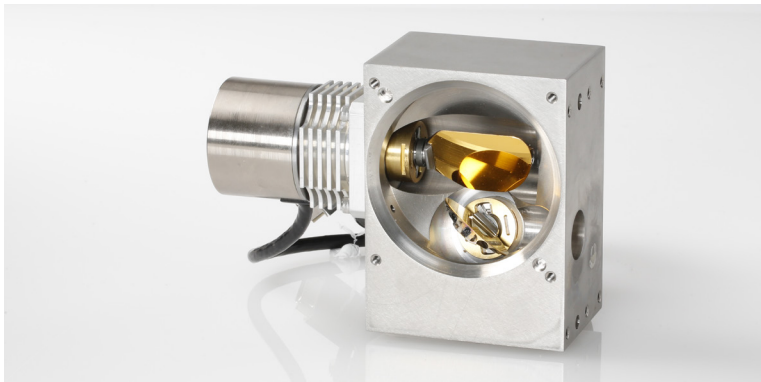
We engineer solutions that require high processing speeds and stability for a variety of processes like electrode and battery manufacturing, interior and exterior automobile parts, precision cutting, hairpin stripping, welding, etc.

Our solutions are backed by the Novanta advantage, enabling customers to collaborate with our experts and resources to find a tailored solution unique to their needs in eMobility applications.

HIGHLY SYNCHRONIZED SOLUTIONS

LASER BEAM STEERING

Through our Cambridge Technology and ARGES brands, we offer intelligent beam-delivery components and laser control with versatility and consistent performance as well as high-power sub-systems that deliver high processing speeds and optimized performance.



DYNAMICALLY MATCHED

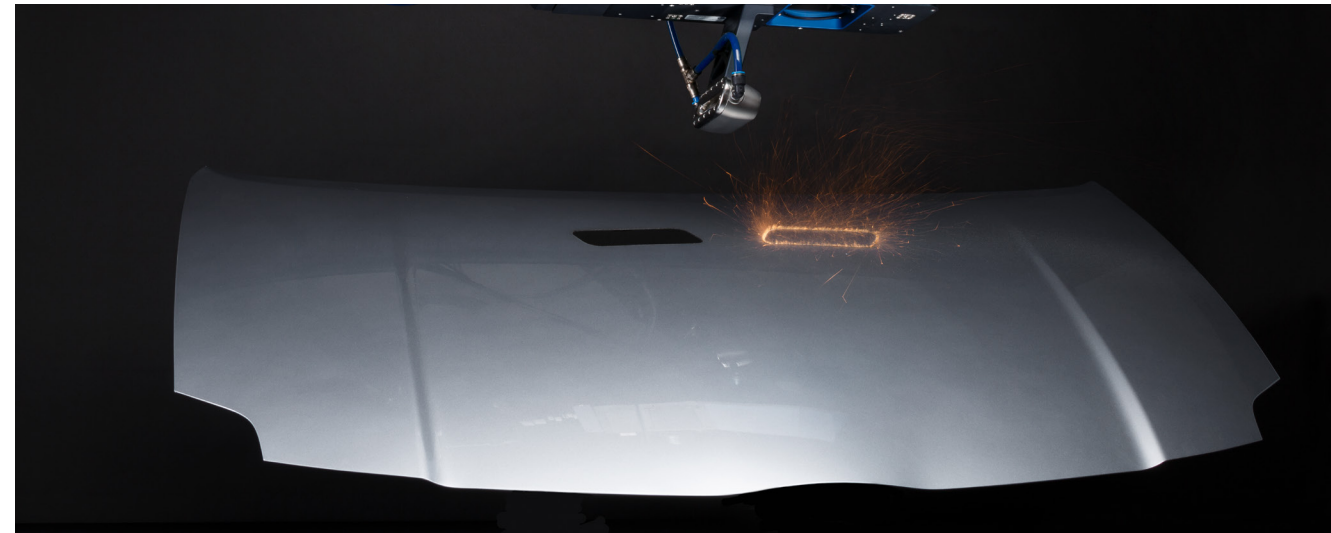
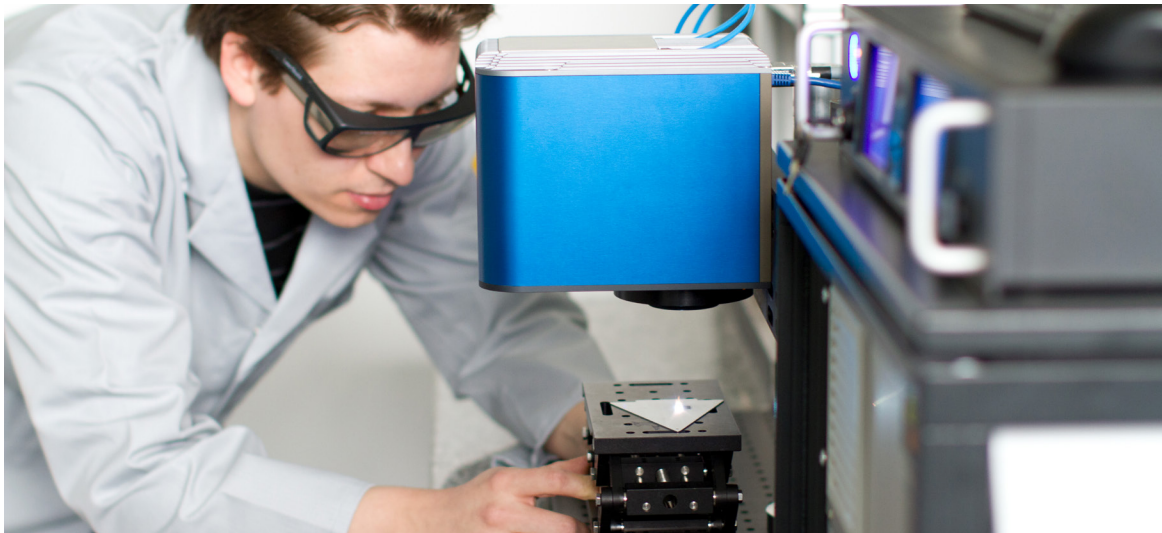
LASER SOURCES

For a complete solution, our laser sources complement our beam delivery technology. Our high power CO₂ lasers from Synrad provide optimal performance in surface treatment processes for a variety of organic materials. Our infrared and red lasers from Laser Quantum are ideal for in-line scanning processes in battery manufacturing which require high power lasers.



APPLICATION AND PROOF-OF-CONCEPT TESTING

Our local Applications Testing Labs offer application and proof-of-concept testing to local OEMs, providing laser processing expertise that will determine the key product parameters and processing know-how to achieve the desired results.



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