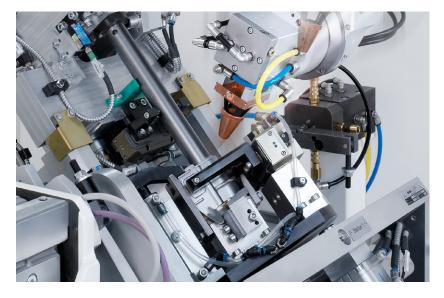
LWC Flexible Laser Solutions









Multi-axis laser welding cells with intelligent tool concepts.

The four axis of the processing optics in combination with one or more workpiece axes enable three-dimensional processing. This makes it possible to perform many high-precision welding and cutting operations.

Efficient production

LWC is spatter/oxide free and offers a very high level of consistency in weld penetration. With a contour accuracy of 0.05 mm, 100 % gas sealed precision and minimal heat input to ensure minimal distortion, the quality of the weld seam is impressive. In terms of output, the maximum welding speed and high system dynamics also score highly.

Multi-axis laser welding cells with rotary table

Rational working on multi-station rotary table systems

5-axis machining

Machining of complex parts in one clamping movement

Intelligent clamping devices

Component monitoring Integrated measuring tasks

Ergonomic operation

Great accessibility at the loading positions

In close cooperation with the customer, component architectures and clamping concepts are coordinated and designed for laser-compatible processing. Depending on the component complexity in question, multistation rotary table systems are developed for laser-compatible welding requirements.