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### **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, multi-station rotary table systems are developed for laser-compatible welding requirements.