The movement system’s stability is an important criterion for optimal welding results. Only this can ensure exact focusing. The ALW’s stable steel construction ensures a highly precise movement mechanism, so that the ALW 200/300 is ideal for automatic applications.

During welding, the workpieces can be moved precisely on 3 axes (X, Y and Z). In addition, there is an optional rotating axis for circular welding.

Even demanding materials like aluminum, precious metals, titanium or sensitive alloys can be processed easily with the powerful ALW 200/300.

With 100 or 150 watts, this ALW is mainly used when the primary tasks include repairs and deposition welding in tool and mold manufacturing, but programmed welding is not required.

The compact ALV laser welding device with laser-proof working chamber is available with various laser outputs, sources and controls. The ALV is used in micro and deposition welding in tool and mold manufacturing, in sensor production and medical technology. The laser welding device offers a large vertical movement range and doors that open wide, so that even larger workpieces can be processed. In just a few steps, this closed system can be converted to function as an open laser system for processing larger or longer components.

The ALV has three linear movement axes, and the vertical Z axis lifts up to 50 kg. A rotary axis for processing cylindrical parts is also available. The optional WINLaserNC software additionally allows automatic welding. The system is operated through an intuitive touchscreen.

The ALV is available with a wide range of Nd:YAG or fiber laser sources. This provides laser power of 100 to 450 watts.

The movement system’s stability is an important criterion for optimal welding results. Only this can ensure exact focusing. The ALW’s stable steel construction ensures a highly precise movement mechanism, so that the ALW 200/300 is ideal for automatic applications.

During welding, the workpieces can be moved precisely on 3 axes (X, Y and Z). In addition, there is an optional rotating axis for circular welding.

Even demanding materials like aluminum, precious metals, titanium or sensitive alloys can be processed easily with the powerful ALW 200/300.

With 100 or 150 watts, this ALW is mainly used when the primary tasks include repairs and deposition welding in tool and mold manufacturing, but programmed welding is not required.

The compact ALV laser welding device with laser-proof working chamber is available with various laser outputs, sources and controls. The ALV is used in micro and deposition welding in tool and mold manufacturing, in sensor production and medical technology. The laser welding device offers a large vertical movement range and doors that open wide, so that even larger workpieces can be processed. In just a few steps, this closed system can be converted to function as an open laser system for processing larger or longer components.

The ALV has three linear movement axes, and the vertical Z axis lifts up to 50 kg. A rotary axis for processing cylindrical parts is also available. The optional WINLaserNC software additionally allows automatic welding. The system is operated through an intuitive touchscreen.

The ALV is available with a wide range of Nd:YAG or fiber laser sources. This provides laser power of 100 to 450 watts.