Flexible endless welding

TruLaser Cell 1100

Easy to integrate
thanks to a flexible, compact structure

Cost-efficient production
thanks to state-of-the-art beam sources and calibrated sensors

Perfectly accessible
through variable adjustable axes

Fully customized
Optional extras offer solutions for every application

The flexible beam guidance system is your specialist machine for endless welding of a variety of seam geometries on tubes, profiles, and bands.

Machine tools/Power tools
Laser technology/Electronics
Easy to integrate
thanks to a flexible, compact structure

Make life easy for yourself: The compact and modular TruLaser Cell 1100 can be integrated into your production lines with the utmost ease. You can configure the beam guidance system to meet your specific needs in terms of the linear axes, the working height or process path. This makes it possible to weld in two different places at the same time.

Perfectly accessible
through variable adjustable axes

The variable adjustable axes offer ideal adjustment options, both for tubes as well as profiles. The flexible beam guidance can be integrated into all common profile systems due to its compact design. Sophisticated beam shaping enables optimal welding seam quality with a great diversity of seam geometries for very high requirements and at maximum feed rates.

Cost-efficient production
thanks to state-of-the-art beam sources and calibrated sensors

With the TruLaser Cell 1100, you can step your production process up a gear. Simply choose the right beam source for your application – CO₂ laser or solid-state laser – and the system is highly flexible when it comes to positioning the beam and optics. The perfectly calibrated sensors guarantee optimum welding results. All of these factors together cut your operating costs and increase your production speed.

Fully customized
Optional extras offer solutions for every application

Be more flexible thanks to a wide range of welding optics with linear or swivel axes. Sensor systems for finding and tracking seams together with functions such as SeamLine and SeamLine Pro guarantee maximum quality, reliability and productivity.