

TruLaser Station 7000

Versatile 3D laser welding

01

Spacious work area on a minimized footprint

offering room even for larger components

02

Profitable laser welding

thanks to the best price performance ratio of its class

03

Constant high part quality

with fully integrated image processing

06

Optimal for complex welding geometries

thanks to its highly developed 3D processing technology

05

High processing Flexibility

guarantees a variety of welding applications

04

Ideal for large quantities

because of the rotary table



Pictures are to be understood as an example and may show machine options as well.

01

Spacious work area on a minimized footprint

offering room even for larger components

The TruLaser Station 7000 offers the perfect balance between work area and footprint. A broad spectrum of parts can be processed in the generously designed work area of the machine – including larger parts and even complex fixtures. The exhaust system is integrated in the machine

02

Profitable laser welding

thanks to the best price-performance ratio of its class

The modular design of the TruLaser Station 7000 will keep your investment costs down. This modern machine concept is perfectly designed for welding assemblies such as sensor systems, rotationally symmetrical parts and medical instruments. You will also be impressed by the low cost per part.

03

Constant high part quality

with fully integrated image processing

The integrated image processing feature detects component geometries. This means that you always weld at the right point and save time and money as you produce with unchanging high quality.

04

Ideal for large quantities

because of the rotary table

The TruLaser Station 7000 can be optimally equipped with a rotary table. This enables loading and unloading parallel to production, even when automated with a robot. High-power lasers of the latest generation enable optimal processing times, making the machine perfectly suited for highly productive series production..

05

High processing flexibility

guarantees a variety of welding applications

Weld very diverse seam geometries at a constantly high level of quality. No matter whether you are using heat conduction or deep penetration welding, whether it's with thin or thick sheet – the TruLaser Station 7000 offers high performance.

06

Optimal for complex welding Geometries

thanks to its highly developed 3D processing technology

With up to 5 interpolating axes you can handle complex 3D components and seam geometries without any problem. The corresponding fixture equipment can be accommodated in the spacious working area and can be programmed using a traveling operator interface.

Technical data		
Axis positioning range		
X	mm	650
Y	mm	350
Z	mm	500
B/C ¹⁾	°	± 120/n x 360
Max. payload	kg	50
Speed		
X/Y/Z	m/min	6
Simultaneous	m/min	10
B/C ²⁾	1/min	15/200
Laser		
Max. laser power	W	2000 ³⁾
Available lasers		TruDisk, TruPulse, TruDiode, TruFiber, TruMicro ²⁾
Avialable technologies		Laser welding
Rotating changer		
Diameter	mm	770
Max. Payload per side	kg	35
Stations	Number	2

¹⁾ Fiber optic cable guided. ²⁾ C180 rotational axis. ³⁾ Higher laser power upon request.

Subject to alteration. Only specifications in our offer and order confirmation are binding.