

X-WELD

The X-WELD is a manual laser welding station specifically designed for utmost ergonomics, handling small and long parts alike. The front of the spacious work area is fitted with flaps made from a multi-layer, passive protective material, meaning there is no need for a bulky door opening. Thanks to the compact design, the X-WELD can fit into any space in any setting.

The simple handling ensures process-reliable work. Depending on the configuration, the X-WELD can be operated manually or semi-automatically. The X-WELD is distinguished by the design of the laser area, which protects the operator from laser radiation.

INDUSTRIES

- + Medical Technology
- + Automotive
- + General industry
- + Repair work
- + Aerospace
- + and much more

BENEFITS

- + Small footprint
- + Ergonomic design
- + Generous illuminated workspace
- + Lateral and floor-mounted recesses for bulky parts
- + Retrofittability (rotating device, T-grooved plate, work area monitoring, etc.)

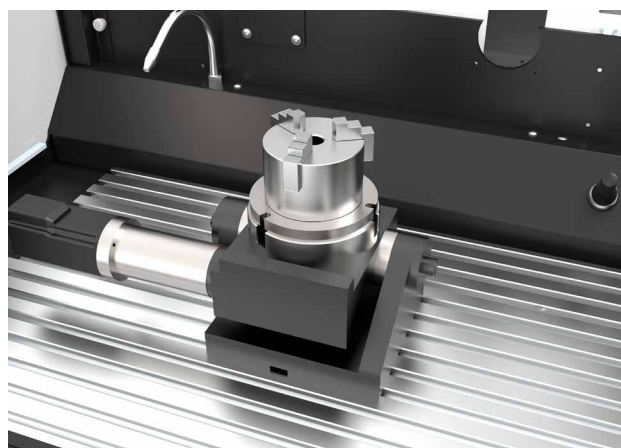


SPECIFICATIONS

Overall dimensions	800 x 700 x 1100 mm / approx. 31.5 x 47.25 x 59"
Work area dimensions	800 x 500 x 300 mm / approx. 31.5 x 19.6 x 11.8"
Laser source	Trumpf TruPulse, IPG, others possible on request
Max. pulse peak power	10 kW
Max. pulse energy	100 J
Control elements	10" HMI control panel, incl. panel PC administration of laser parameters
Further features	Interface to external extraction system, central media supply, foot switch, application training in in-house laser lab

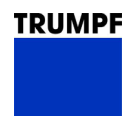


Linear axis



Rotation axis

With strong partners to success:



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Further information:

