

Laser Cutting and Welding Machine

Plant of NRW Central Laboratory for Battery Technology

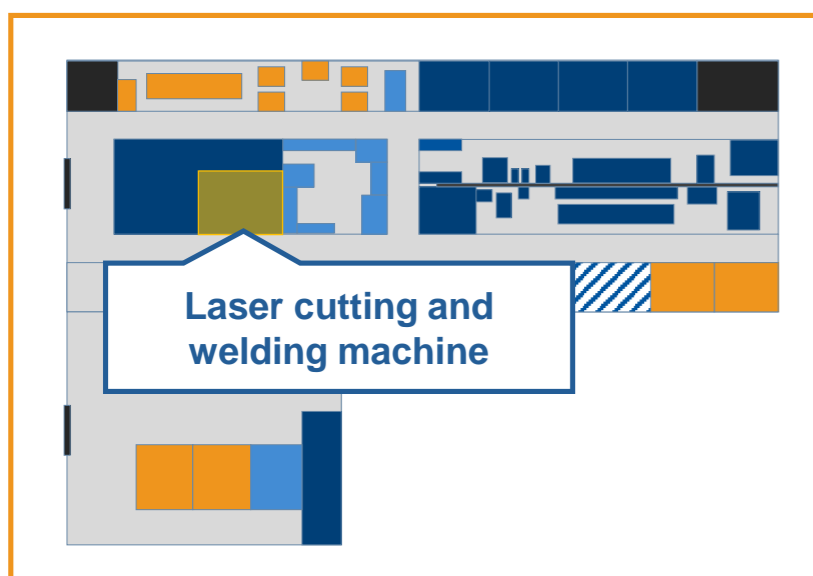


Costs:

Hourly rate¹:
80,43 €

Daily rate:
643,44 €

Technical specifications



Building No. 4733, Ground floor, Area No. 37

Laser cutting and welding machine TruLaser Cell 3000

Technical specifications

Max. workpiece size 2-D (L x B)	800 x 600 mm ²
Max. workpiece size 3-D (L x B x H)	600 x 420 x 520 mm ³
Laser power	4000 W (1030 nm)

Qualifications required for operations

- Introduction to the machine by the rental company
- Knowledge in the operation of Trumpf laser systems

Fields of application

- With the compact and highly precise 5-axis laser machine you can cut and weld in two and three dimensions.
- The spectrum ranges from filigree fine cutting to the welding of several millimetre thick sheets.
- For common laser types, ideal processing parameters for cutting are already stored as standard in the controller in the form of technology tables and minimise your programming effort.
- Using the single cutting head strategy, you can cut different material thicknesses without changing the focusing optics.
- Highly flexible, therefore suitable for both high and low quantities

¹The price includes the machine hourly rate of the TruLaser Cell 3000 and the machine hourly rate of the laser beam source Trumpf TruDisk 4001

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