

# Installing a laser-cutting machine

Delivering a complete installation service: SLT Sauerland Laser Technik GmbH specialises in laser machining technologies and manufactures components for the automotive and electronics industries and agricultural engineering. The company uses laser technology produced by market leader TRUMPF. The SCHOLPP team moved a TruLaser Cell 7040 into the production facility and prepared it for commissioning.



SCHOLPP has worked for TRUMPF across the world since the late 1990s. At the heart of this relationship is a sophisticated standard playbook for cooperations between the machine manufacturer and the industrial service provider. SCHOLPP's teams of mechanics, mechatronics technicians and electricians are specially trained on TRUMPF machines and have in-depth technical knowledge.

## A complete installation service with moving in, positioning and adjustment

At SLT, our task was to fully install a TruLaser Cell 7040 laser-cutting and laser-welding system, including an extensive set of attachments. On the first day, our team installed the foundations and anchor rods, and made the core drillings.

On the second day, the machine components were unloaded from the heavy

goods vehicle onto heavy-duty moving skates using a truck-mounted crane. Due to bad weather, this had to be done in the production hall, where space was tight. The relatively low ceiling height limited how far the crane boom could be extended, leaving little room for manoeuvre when lifting the machine. The central body of the machine had to be precisely aligned with its position on the foundation.

## Electrical installation and preparation for commissioning

Over the next few days, a mechanic and an electrician installed the components, including a 30-part safety cabin, an exhaust system, extension tables, automatic tables, rotary tables, a laser beam generator and a cooler.

The project took two weeks. SCHOLPP was responsible for the entire electrical installation and pre-commissioning

process, getting the machine up and running and simultaneously adjusting all the attachments while it was in operation. Finally, the fitters handed over the system, ready for commissioning.

### Customer:

Trumpf SE + Co. KG, Ditzingen

### Task:

Completely assembling and installing a TRUMPF TruLaser Cell 7040 laser-cutting and laser-welding machine

### Location:

Kirchhundem

### Special equipment:

Electric forklift truck for zero-emission manoeuvring with heavy-duty dollies for transporting the load in production environments

### Your contact for further information:

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