

The work consisted of assembling cable tray routes and pulling and laying power and signal cables in an industrial environment of the automotive sector.

Duties also included connecting devices such as industrial robots along with all the equipment surrounding the bodywork creation process.

The robots work in an integrated system and perform functions such as welding, riveting, glue application, as well as positioning, quality control and transport of elements.

For linear automatic assembly, the robots interact with:

- Tables - they move the body in the axis of the production line (front-back), (left-right), (lifters)
- Elevators – enable multi-level transport of car bodies between different production areas,
- Feeders and buffer warehouses – they supply assembly components to workstations,
- Measurement and control systems – e.g. vision cameras, 3D scanners for geometry and quality control
- Safety devices – such as safety doors, mechanical curtains, laser curtains, presence detectors, etc.,
- and other technological elements of the production line.

Work is performed in accordance with technical documentation and safety requirements, often in a dynamic robotic assembly environment.

Precision, knowledge of electrical installations and experience in working with industrial automation and in accordance with BMW Group standards are required.

corSol

Am Weiher 15 • 84100 Niederaichbach
Tel.: +49 (0)176/66 54 07 71
Email: info@corsol.de
Internet: <http://www.corsol.de>

Sigtauh