

9-Axis Inverted Cantilever Welding Robot

An inverted six-axis arm on three linear axes welds bridge plate units, three-dimensional frames, box-type components and extra-long seams.

Key figures

9 m Standard rail length	2.5 m Cross-slide travel	2.5 m Vertical travel	≤3,500 mm / ≤2,000 mm Maximum part width / height
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What it welds

- Three-dimensional steel frames and box-type components
- Part plates and other components without drawings or models
- Bridge plate units and extra-long component seams

Station configuration

- Inverted six-axis welding arm with a reach of 2,000 mm and a robot payload of 6 kg.
- Cantilever with a 9 m rail, 2.5 m cross-slide travel and 2.5 m vertical travel.
- Our own welding software for model import and reverse modelling from a scan.
- Robot vision and large-field line-scan stereo vision for scanning parts.
- Water-cooled welding torch and torch cleaning station.
- Water-cooled pulsed welding power source for MIG / MAG gas-shielded welding.

Services

- Free part evaluation
- We reply within one business day.
- Book a live video tour, or visit our plants in China and operate a robot yourself.
- Software updates are free for the life of the station.
- Free Tekla Structures plug-in for batch IFC export

Contact

Send drawings, a model or photos of the parts you want to weld for a free part evaluation.

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