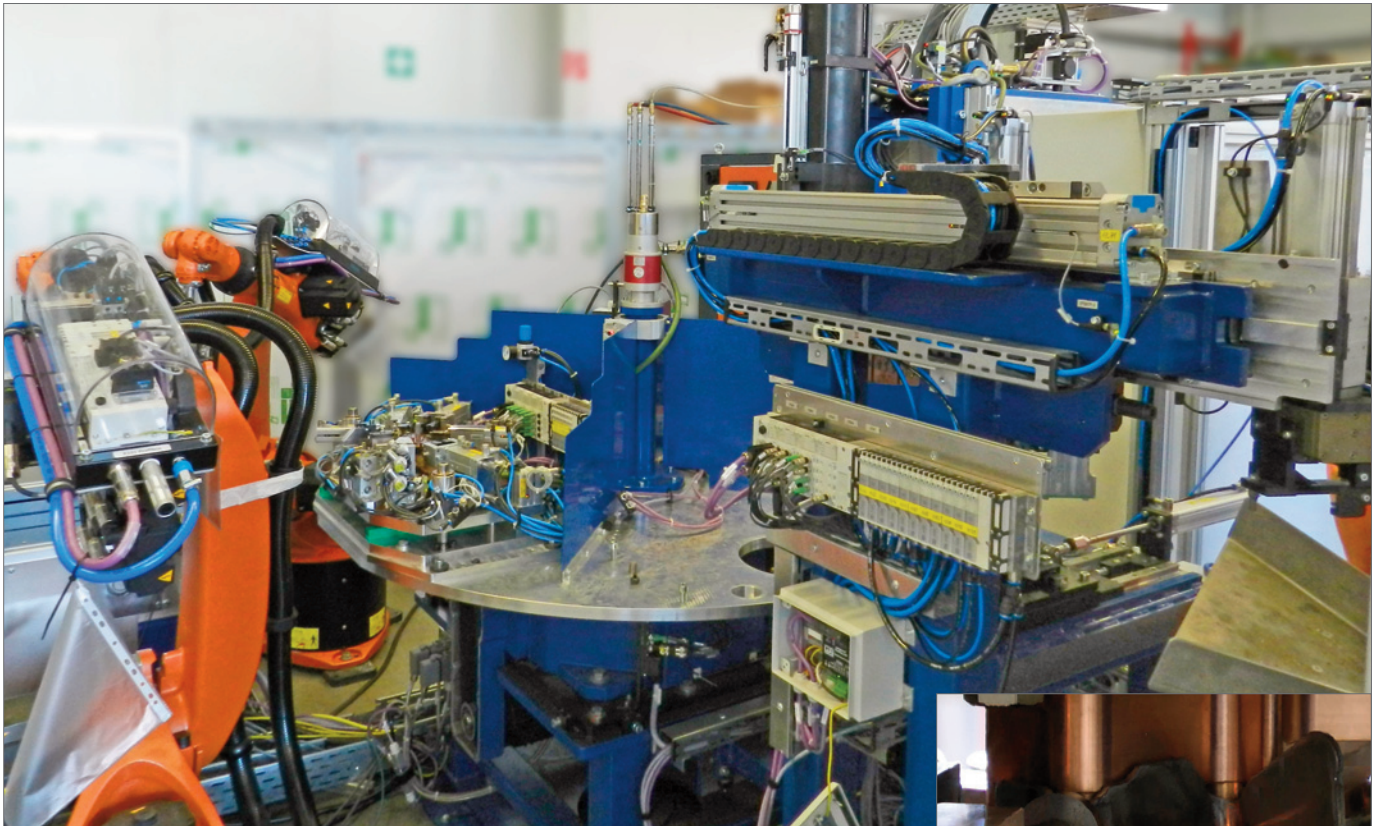


MF welding system for center bearings



The task:

Two cover plates and three web plates for a component from the seat area of a car have to be welded together. A fully automated unit is considered for projection welding.

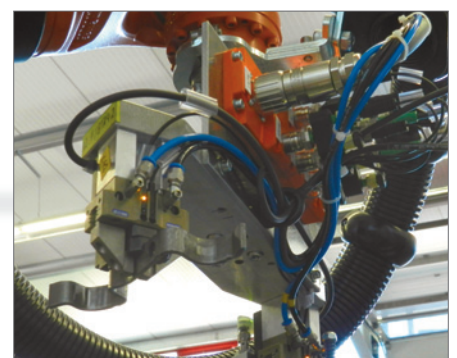
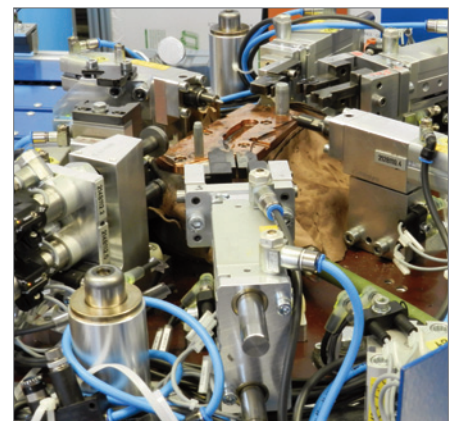
The conntronic solution:

A four-station rotary table is equipped by a robot. This robot uses components of a conveyor section and component separation. All 26 weld projections were welded in a ct MF welding system at the same time. The handling robot discharges the unit and places the component onto a slide.

Technical data of the system:

Space required WxDxH:	6400x7540x2440 mm
System cycle time:	10.5 s
MF cylinder:	pneumatic stroke 200 mm
Electrode force:	30 kN at 6 bar

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Solutions for welding machines design

ct-services

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