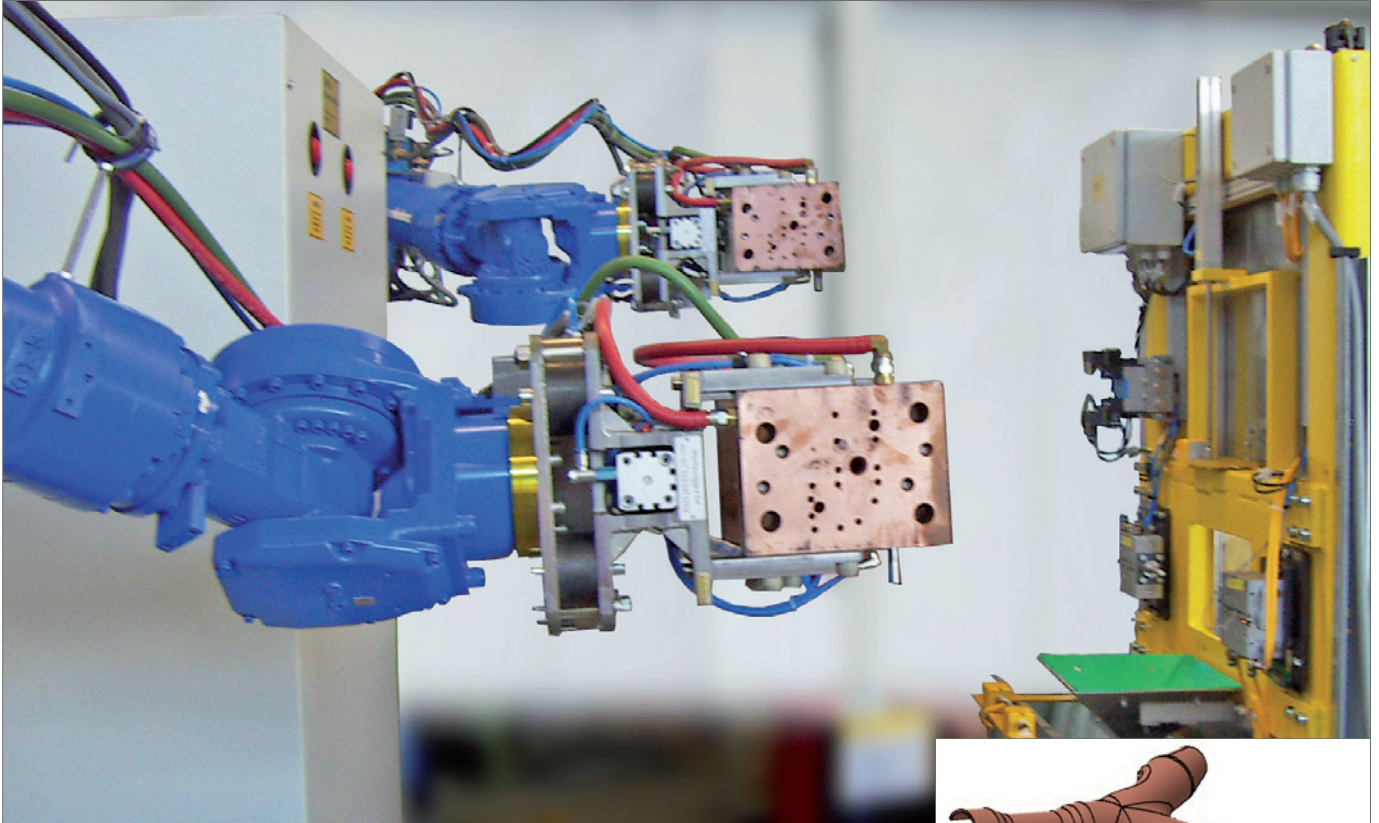


CD welding of half-shells / compact parts



The task:

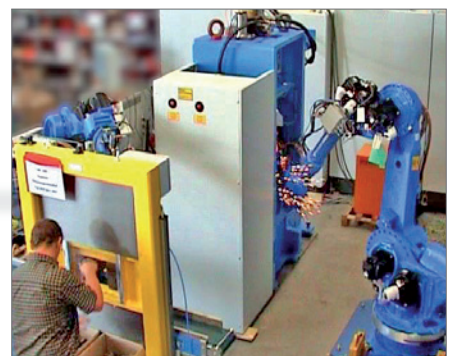
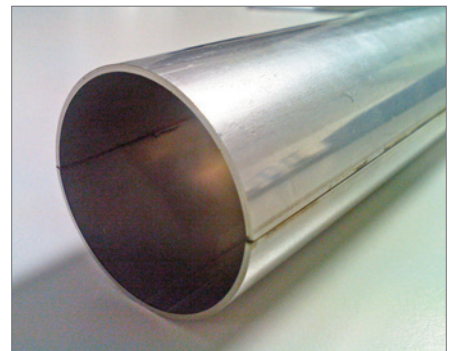
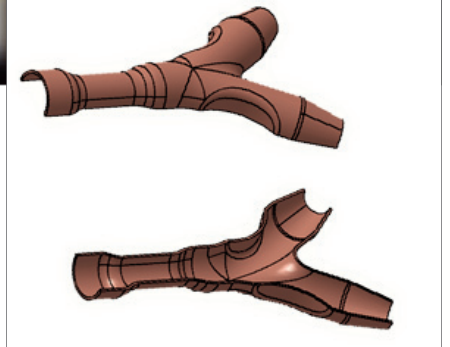
Economic welding of half-shells (pressed) for use in airbags. Seal-welding, resistant for testing at impact pressure of approx. 500 bar. Weld seam length approx. 250 mm. Manual loading, automatic unloading.

The conntronic solution:

CD system with robot handling. The tool is transported and serviced outside of the system. Quick type-changing possible. High production flexibility. Minimal system wear due to large contact electrodes. The operator loads the parts direct into the tool, automatic ejection of the components onto a conveyor belt.

Technical data of the system:

Space requirement WxDxH	5500x5300x2900 mm
System cycle time	8.0 s
CD cylinder	Hydraulic stroke 200 mm
Electrode force	200 kN at 6 bar
Max. welding energy	78,000 Ws, 12 kN



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Solutions for welding machines design

ct-services

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- + Product and component development
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