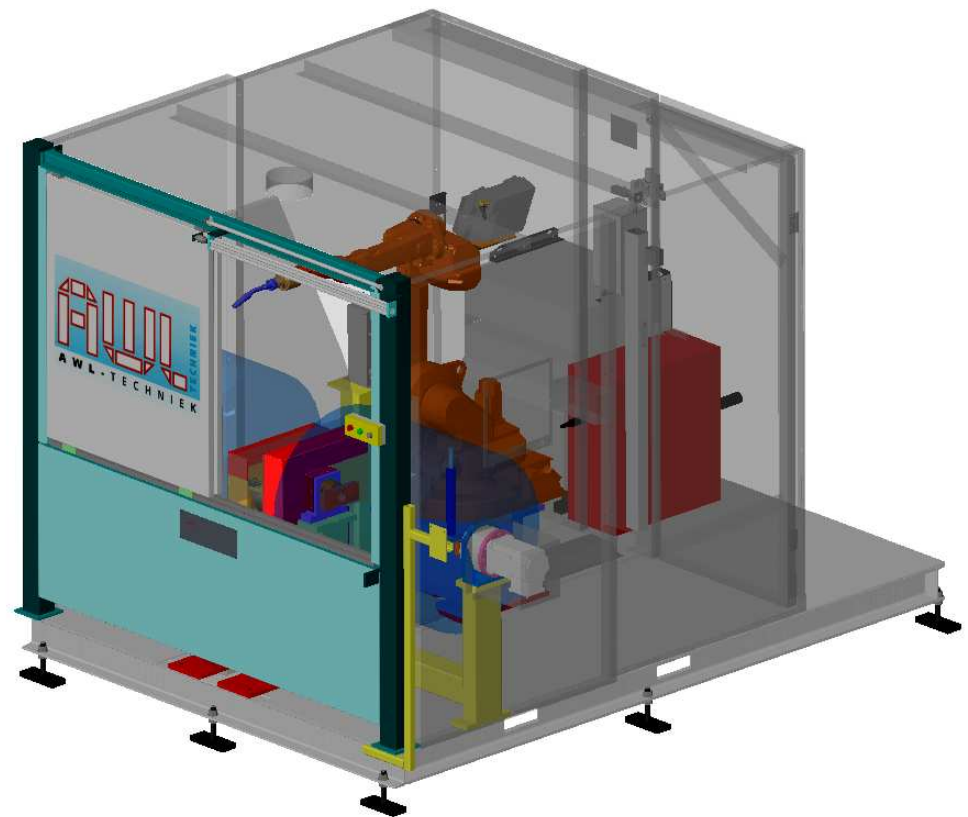


LCC Compact

Plug and play robot cell

The first step to Robotics



Easy Lean Smart

- Easy to use, Maximal functionality, Minimum costs.

Features

- Small light products
- 3D welding options
- High output of production

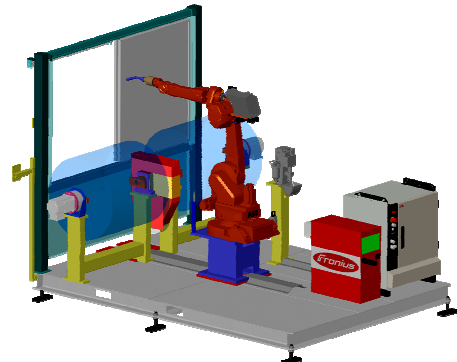
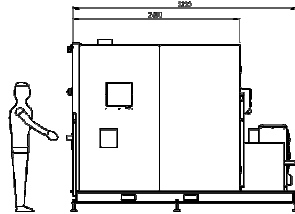
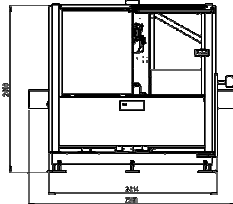
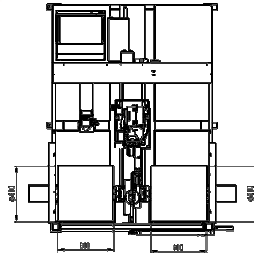
Services

- Product programming
- Fixtures
- Maintenance
- Financial services



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	Standard:	Options:
Cell	Mass= ±2200 kg (excluding jig)	
	Single base frame and guarding	Basis Exhaust unit Kemper
	Fork lifting points for shipment. Cell width is within maximum lorry transport dimensions (< 2400 mm)	
	Operator safety and arc-light protection	
	Power connection at the outside of the cell	230 V connection at the front of the cell
	Air connection with manual valve at the outside of the cell	Extra air connection at the front of the cell
	Gas reduction connection at the outside of cell	
	Equipment on floor level	
	Closed metal panels (partial open)	Exhaust hood.
	Windows on both sides, lighting on inside	
Product loading	2 Manual sliding doors (opening 950mm)	
	Maximum load: 500 kg per side (including jig)	Preparation Pneumatic and I/O for fixtures
	Maximum dimension of the fixture: 800x800x300mm	Extra robot axe to rotate jig. Dimensions D=Ø800mm L=800mm
Robot	1x ABB IRB 1600-ID - 4 kg capacity, - 1,45 m reach, - 6 axes,	Programming Software: - Smarttac ABB - Robot Studio ABB
Welding source	Fronius TS 4000C	Fronius TPS 3200 / 4000 / CMT 4000 RCU remote control unit 4000 / 5000i
Welding equipment	3-200 A (Gas Cooling Unit)	3-400A (Water Cooling unit)
	Torch Binzel ABIROB A5500 -22°	Torch cleaner Thielman BRG 2000
	Wire Feed unit on Robot	Push-Pull for wire
	Switch off protection for specified torch	
Control	E-stop at the front of the cell	
	Green lamp at the front of the cell (Ready)	
	Yellow lamp at the front of the cell (Failure)	
	Robot pendant at the front of the cell	