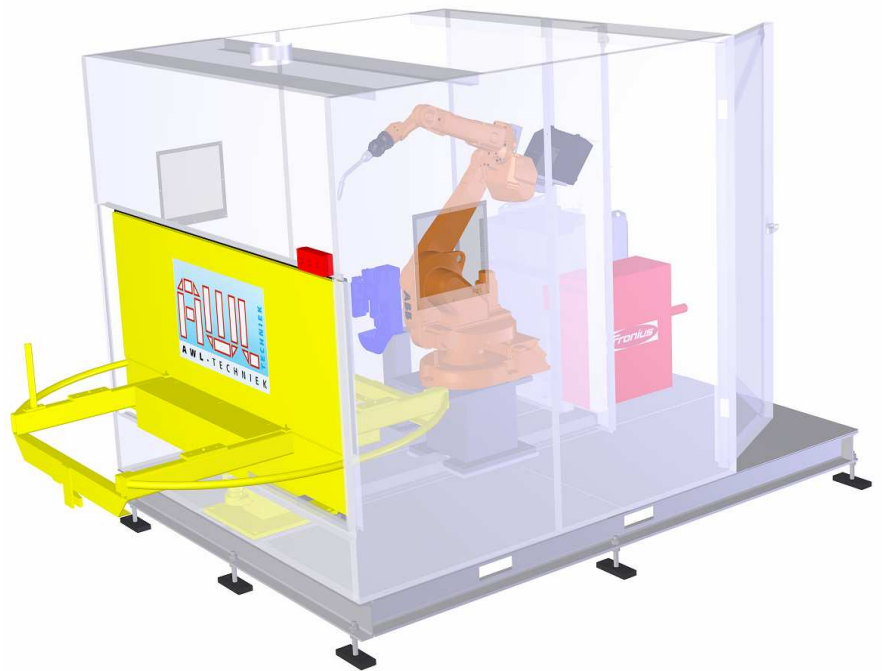


LCC Basic

Plug and play robot cell

The first step to Robotics



Smart Flexibel Production

- Easy to use, Maximum functionality, Minimum costs.

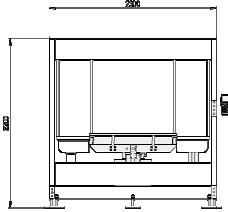
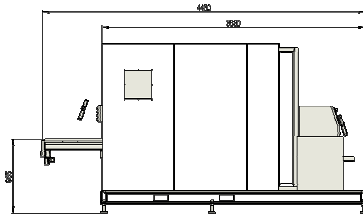
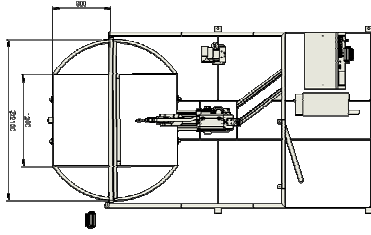
Features

- Easy fixtures
- Flexible
- Uniform quality

Services

- Product programming
- Fixtures
- Maintenance
- Financial services





	Standard:	Options:
Cell	Mass= ±2200 kg (excluding jig)	Basis Exhaust unit Kemper
	Single base frame and guarding	
	Operator safety and arc-light protection	
	Fork lifting points for shipment. Cell width is within maximum lorry transport dimensions (< 2400 mm)	
	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 in combination with streetlight
	Window (at 2 sides)	
Index table	Manual 180° index table. Ca 3-6 seconds	Electrical 180° index table. Ca 4-6 seconds
	Maximum load: 125 kg per side (including jig)	
	Maximum difference per side: 75 kg	
	Maximum dimension of the fixture: 1200x800x985 mm	Preparation Pneumatic and I/O for fixtures
Robot	1x ABB IRB 1600-ID - 4 kg capacity, - 1,45 m reach, - 6 axes, - mass 250 kg	Programming Software: - Smarttac ABB - Robot Studio ABB
Welding equipment	Fronius TS 4000C	Fronius TPS 3200 / 4000 / CMT 4000 RCU remote control unit 4000 / 5000i
	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	Cycle start button on index table	
	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	