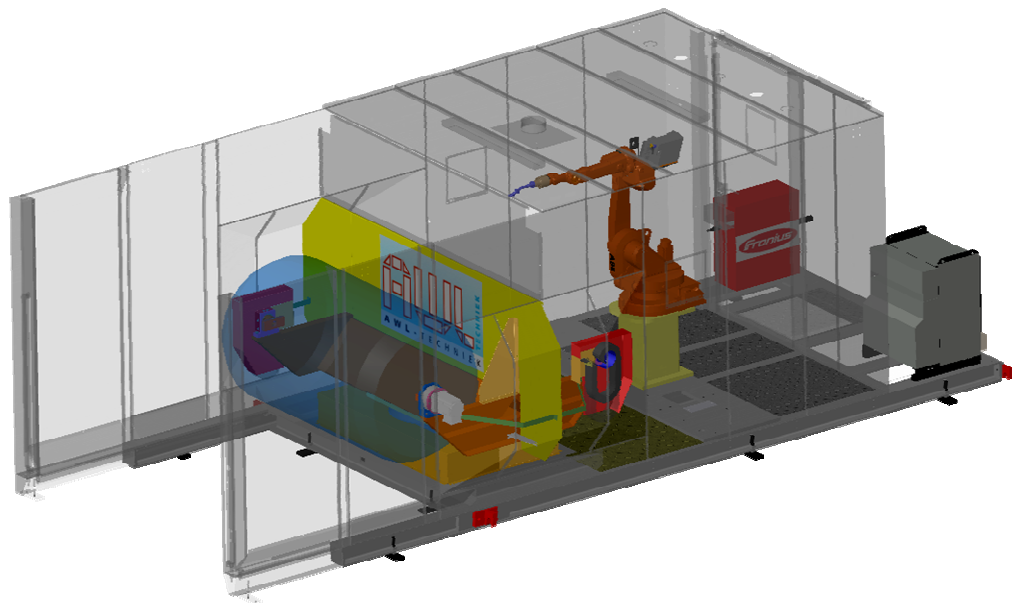


LCC XL

Plug and play robot cell

The first step to Robotics



Easy Lean Smart

- Easy to use, Maximal functionality, Minimum costs.

Features

- Large products $D=\varnothing 1200\text{mm}$ $L=2000\text{mm}$
- Heavy products 500Kg
- 3D welding options
- High output of production

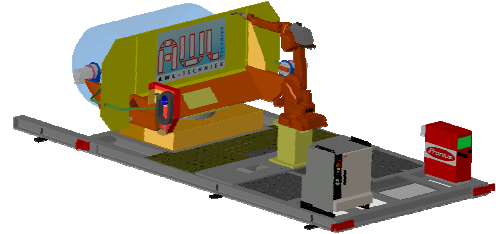
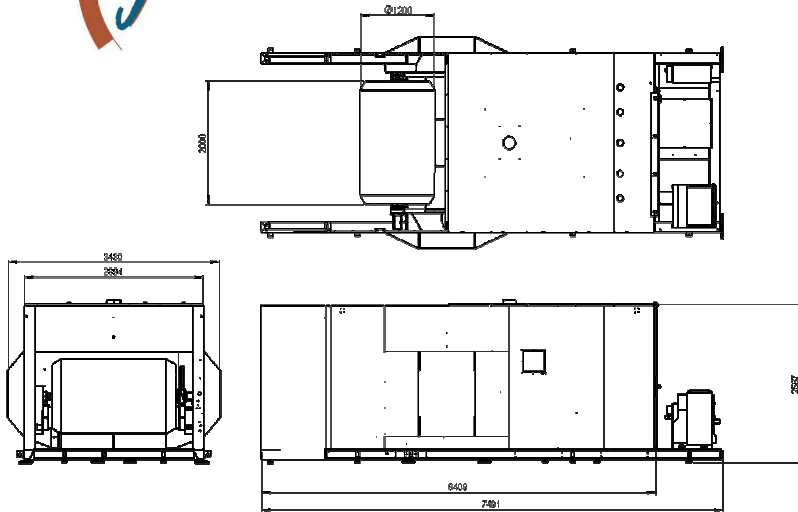
Services

- Product programming
- Fixtures
- Maintenance
- Financial services



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	Standard:	Options:
Cell	Single base frame and guarding.	Basis Exhaust unit Kemper
	Width of cell for shipment is within maximum lorry transport dimensions (< 3000 mm)	
	Operator safety by L-shaped light screen	
	Power connection at the outside of the cell	230 V connection at the front of the cell
	Air connection with 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.	Exhaust hood in combination with streetlight
	Door with security switch	
	3 windows on outside, lightning on inside	
	Mass= ±5500 kg	
Index table	Two jigs and two loading positions	
	Index time = 4,8 sec	
	Maximum load: 500 kg per side (including jig)	Preparation Pneumatic and I/O for fixtures
	Maximum dimension of the fixture: 2000x1200x300mm	Extra robot axe to rotate jig. D=Ø1200mm L=2000mm
Robot	1x ABB IRB 1600-ID - 4 kg capacity, - 1,45 m reach, - 6 axes, - mass 250 kg	2 nd ABB IRB 1600-ID Programming Software: - Smarttac ABB - Robot Studio ABB (offline programming)
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 Thielmann 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	
	Cycle start button at front of the cell	