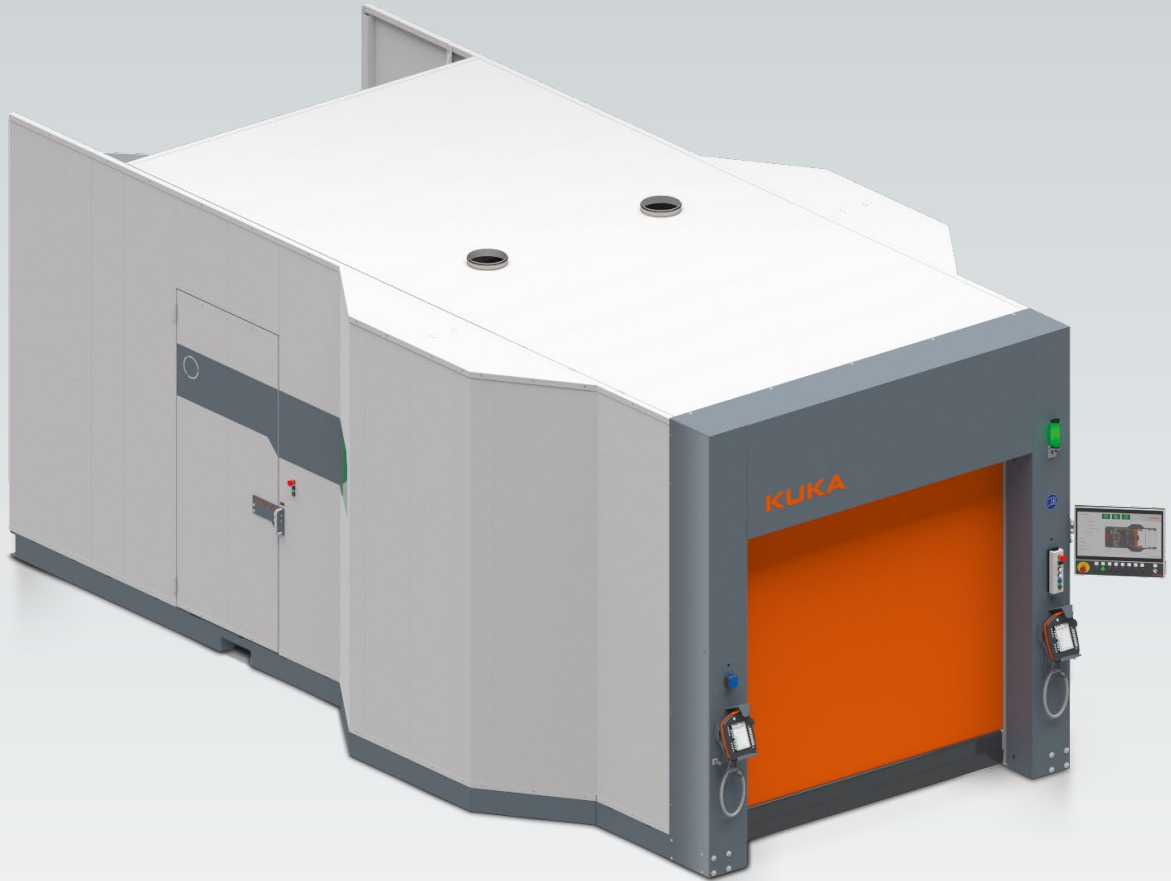




cell4_production manufacturing cells
_arc welding efficiently automated



KUKA cell4_arc midsize _the preconfigured MIG/MAG cell, ready for operation

KUKA MIG/MAG cells are quickly available and can be custom-configured with a range of versatile, modular standard packages and options. Whether for steel or aluminum, KUKA cell4_arc midsize can be configured to suit your production volume and your specific welding processes. For utmost manufacturing efficiency, compact solution in confined spaces.

Highlights cell4_arc midsize

- Compact, portable cell on a base frame
- Broad application spectrum with many preconfigured variants
- Optimized for maximum output
- Assured quality with optional monitoring of process parameters
- Access to KUKA Xpert – the digital knowledge database for all KUKA products

KUKA | Xpert

- Ready for IIoT and remote services



KUKA cloud applications

KUKA cell4_arc midsize

_compact arc welding cell, quickly configured and immediately productive

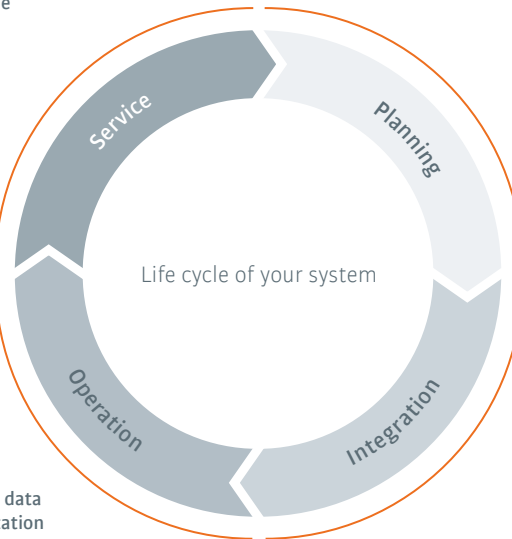
With cell4_arc midsize, KUKA delivers everything from a single source: perfectly coordinated components, defined interfaces and tried-and-tested processes. Preconfigured and immediately ready for direct commissioning in your production environment. The fully-automated cell can be equipped with various different positioning units, as well as hardware and software options, providing a custom-tailored solution for your production facility. **Optimally integrated with comprehensive support from our experts throughout – from planning through to servicing.**

Service

- Increased productivity and minimized downtime
 - 24/7 hotline
 - Global spare parts and service support
 - Remote Service
 - Service agreements and maintenance
 - Role-specific training courses
- Services for maintaining optimal performance throughout the entire life cycle of the machine

Planning

- KUKA supports you in the planning phase
- Fast feasibility studies with KUKA.Sim
- Flexible financing models
- Short delivery times
- Modular structure enables adaptation to your production requirements



Operation

- High system availability thanks to the use of service-proven components
- Future-oriented KUKA.Web HMI for clear visualization and operator control
- Web access to operating data with freely configurable dashboards
- Quality assurance by means of flexible process data monitoring and component-specific documentation

Integration and commissioning

- Short installation times at the customer's site
- Simple integration of fixtures and other system components
- Simple programming with KUKA technology packages and ready2_pilot
- Offline programming with KUKA.Sim



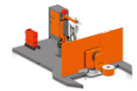
cell4_arc midsize
KP1A single KR



cell4_arc midsize
KP3-V2H dual KR



cell4_arc midsize
KP3-V2H single KR



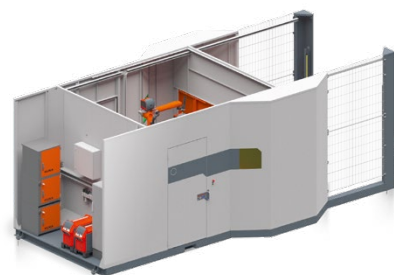
cell4_arc midsize
KP5 single KR

Standard configuration

	cell4_arc midsize KP1A single KR	cell4_arc midsize KP3-V2H dual KR	cell4_arc midsize KP3-V2H single KR	cell4_arc midsize KP5 single KR
Length	8,120 mm	8,120 mm	8,120 mm	8,120 mm
Width	3,010 mm	3,840 mm	3,840 mm	3,840 mm
Height	3,020 mm	3,020 mm	3,020 mm	3,020 mm
Robot	KR CYBERTECH (KR 8 R2010)	2 x KR CYBERTECH nano (KR 6 R1820)	KR CYBERTECH (KR 8 R2010)	KR CYBERTECH (KR 8 R2010)
Positioner	KP1-V2T1000	KP3-V2H1000 R600 L2000	KP3-V2H1000 R600 L2000	KP5-V2S2V500 R600
TCP checking device	KUKA.TRACC TCP	2 x KUKA.TRACC TCP	KUKA.TRACC TCP	KUKA.TRACC TCP
Loading area	Light curtain and laser scanner	Light curtain and laser scanner	Light curtain and laser scanner	Light curtain and laser scanner

Various option packages can be selected, depending on the specific requirements on the welding applications:

- Predefined welding equipment packages including torch cleaning system
 - Fronius TPS 320i Fe / TPS 400i Fe / TPS 500i Fe
 - Fronius TPS 400i Al / TPS 500i Al
- Protective enclosure with roof
- Loading area with roll door
- Advanced KUKA application software packages:
 - KUKA.ProcessScreen (for monitoring and documentation of process parameters)
 - KUKA.RoboTeam (for cell4_arc midsize KP3-V2H dual KR)
- Operator control and visualization with KUKA Advanced HMI
- Central power supply



Other power sources from various manufacturers can be integrated: Fronius, SKS, EWM and many more.



www.kuka.com/contacts

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