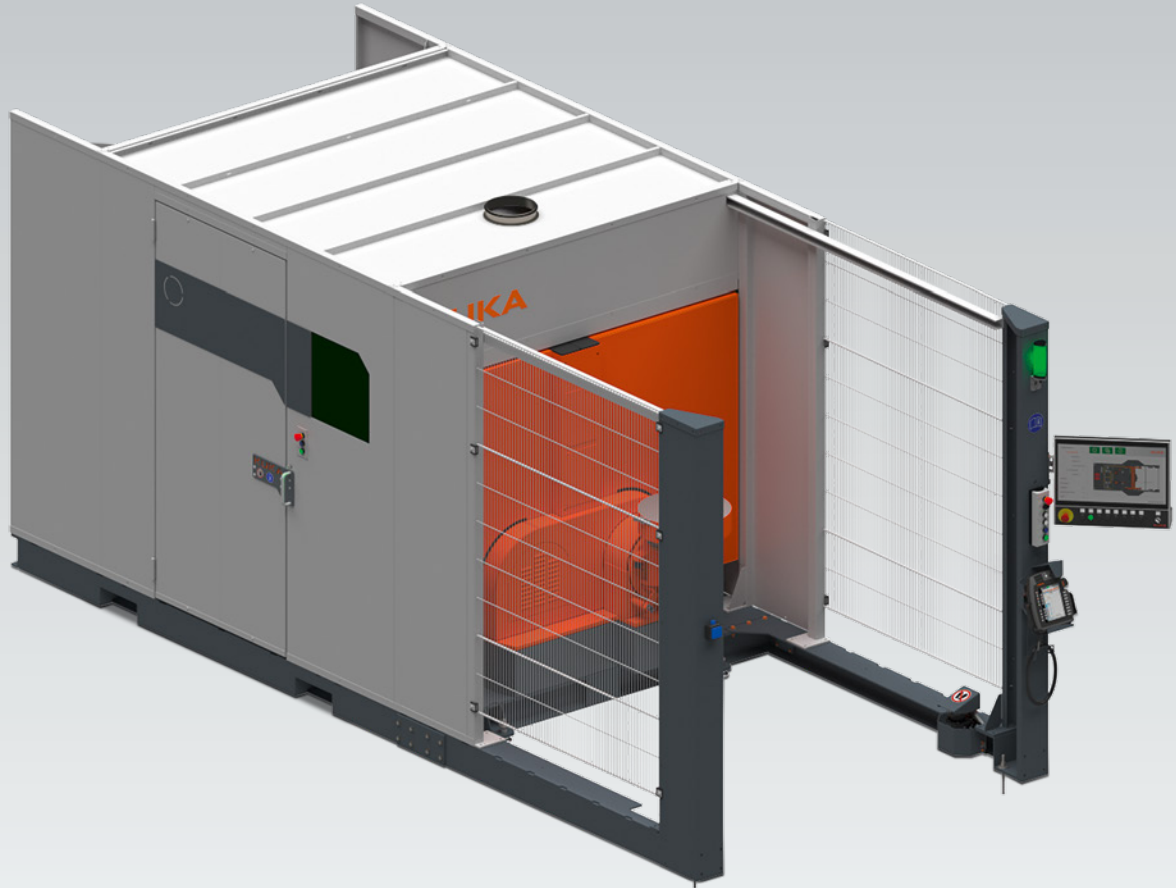




cell4_production manufacturing cells
_arc welding efficiently automated



KUKA cell4_arc compact

_the compact MIG/MAG cell,
immediately ready for production

KUKA MIG/MAG cells for easy entry into the world of automated welding. Fast available and individually preconfigured. Whether for steel or aluminum, you can adapt KUKA cell4_arc compact flexibly to your application and your specific welding processes. Our compact solution offers the optimal manufacturing efficiency in confined spaces.

Highlights cell4_arc compact

- Compact, portable cell on a base frame
- Wide scope of applications with many preconfigured variants
- Optimized for maximum output in small production areas
- 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 compact

_compact arc welding cell, preconfigured and immediately productive

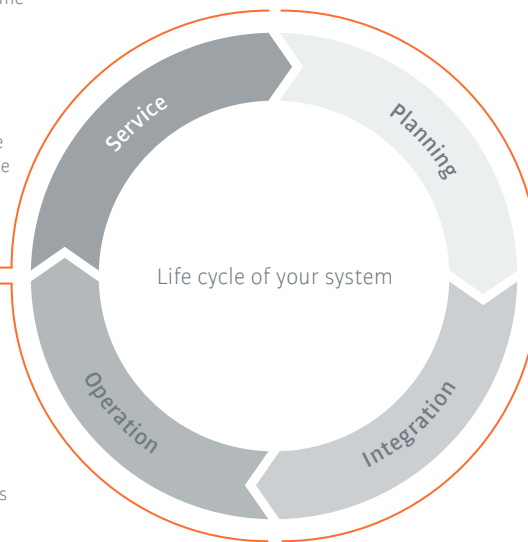
With cell4_arc compact, KUKA delivers everything from a single source: perfectly coordinated components, defined interfaces and proven processes. Preconfigured and immediately ready for direct commissioning in your production environment. The fully-automated cell can be equipped with various positioning units, as well as hardware and software options, providing an optimum 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

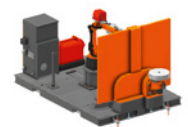
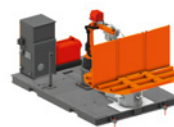
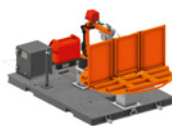


Operation

- 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
- Easy programming with KUKA technology packages and ready2_pilot
- Offline programming with KUKA.Sim



Standard configuration	cell4_arc compact KP1M single KR	cell4_arc compact KP1A single KR	cell4_arc compact KP5 single KR
Length	3,980 mm	5,285 mm	5,285 mm
Width	2,365 mm	2,365 mm	2,365 mm
Height	2,445 mm	2,445 mm	2,445 mm
Robot	KR CYBERTECH nano (KR 10 R1440-2)	KR CYBERTECH nano (KR 10 R1440-2)	KR CYBERTECH nano (KR 10 R1440-2)
Positioner	KP1-V2T250 M	KP1-V2T500	KP5-V2H2V400
TCP check	K KA.TRACC TCP	K KA.TRACC TCP	K KA.TRACC TCP
Loading area		Light curtain and laser scanner	Light curtain and laser scanner

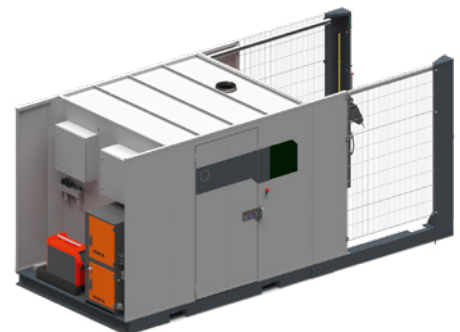
Optionally, the cell can be configured with either an in-line wrist robot or a hollow wrist robot.

For easy, hand-guided programming, the cell can be optionally equipped with **ready2_pilot®**.

Depending on the requirements of the welding applications, appropriate welding packages from different manufacturers can be selected.



...and other



The following additional option packages are available for cell4_arc compact KP5 single KR and cell4_arc compact KP1A single KR:

- Robot(s) with **hollow wrist** instead of in-line wrist
- Central power supply
- Operation and Visualization with KUKA HMI Advanced
- KUKA.ProcessScreen (Monitoring and documentation of process parameter)

www.kuka.com/contacts

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