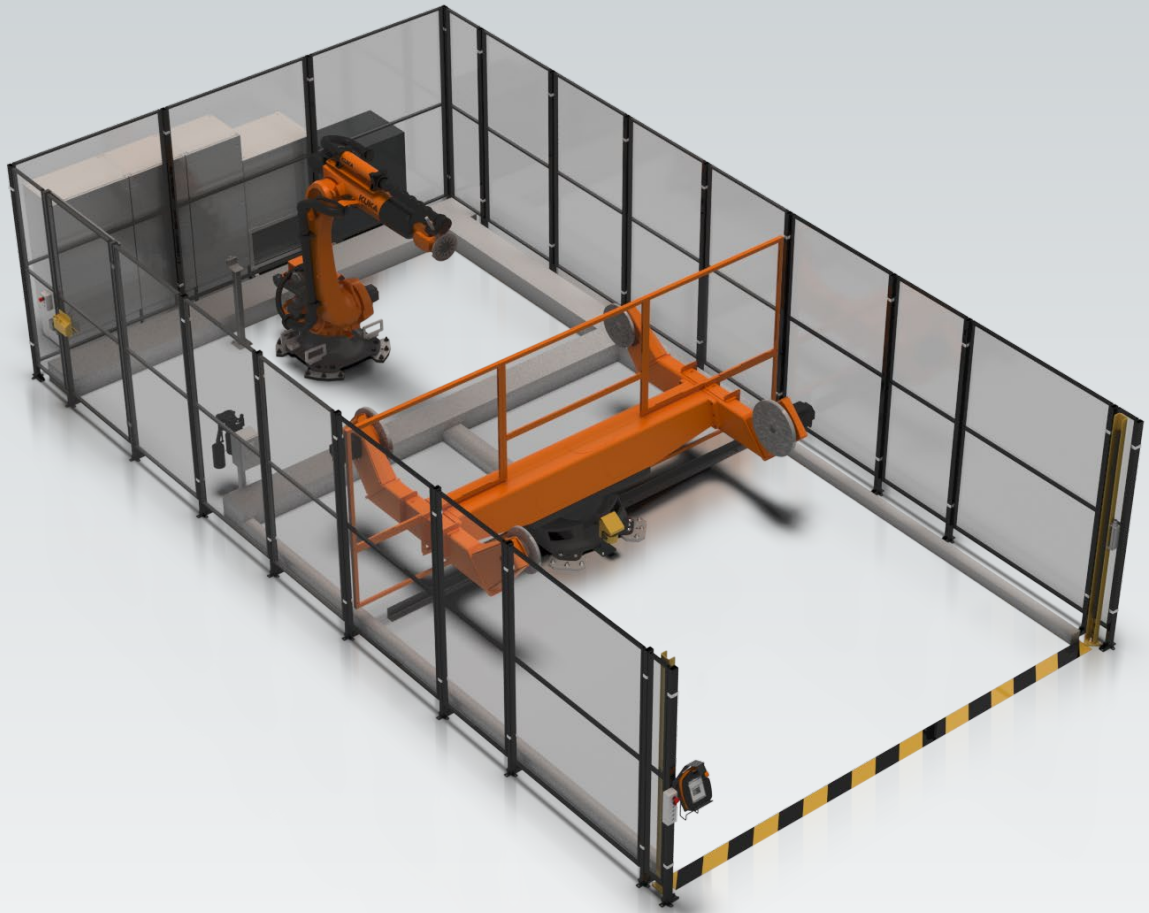




cell4_production manufacturing cells
_spot welding efficiently automated



KUKA cell4_spot large _the flexible spot welding cell, cost-effective and modular

KUKA spot welding cells can be quickly configured to your specific requirements and upgraded with expansion modules. Highly productive and perfectly adapted to your production volume, they offer an excellent price/performance ratio. For utmost productivity, flexible and compact.

Highlights cell4_spot large

- Compact, modular cell, scalable according to customer requirements
- Broad application spectrum with many preconfigured variants
- Designed for welding steel components
- Optional expansion module for stationary processes
- Optimized for maximum output
- 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_spot large

_modular, compact spot welding cell, scalable for all requirements

With cell4_spot large, 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

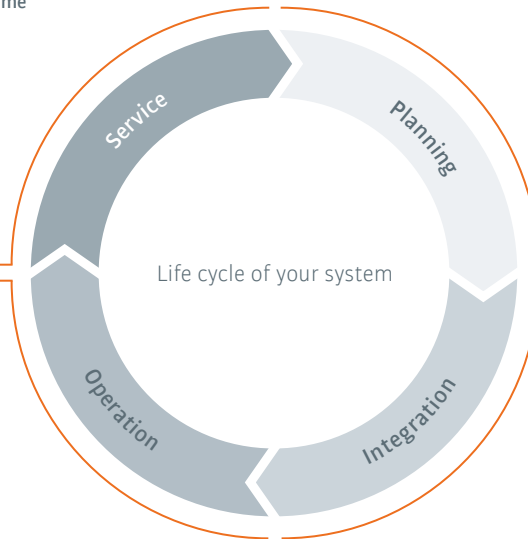
- KUKA supports you in the planning phase
- Fast feasibility studies with KUKA.Sim
- Flexible financing models
- Short delivery times
- Modular structure enables adaptation to your production requirements

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

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



cell4_spot large
KP3-V2H single KR



cell4_spot large
KP3-V2H single KR
with expansion module



cell4_spot large
KP3-V2H dual KR



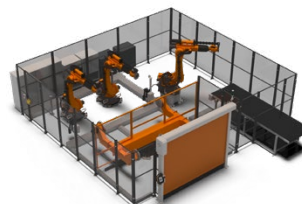
cell4_spot large
KP3-V2H dual KR
with expansion module

Standard configuration

Length	10,000 mm	10,000 mm	10,000 mm	10,000 mm
Width	5,700 mm	8,550 mm	5,700 mm	8,550 mm
Height	2,200 mm	2,800 mm	2,200 mm	2,800 mm
Cell layout	Left maintenance gate	Left maintenance gate, right expansion module	Left maintenance gate	Left maintenance gate, right expansion module
Robot (spot welding)	1x KR QUANTEC (KR 210 R2700)	1x KR QUANTEC (KR 210 R2700)	2x KR QUANTEC (KR 210 R2700)	2x KR QUANTEC (KR 210 R2700)
Robot (handling)		1x KR QUANTEC (KR 210 R2700)		1x KR QUANTEC (KR 210 R2700)
Positioner	KP3-V2H1000 R800 L2600	KP3-V2H1000 R800 L2600	KP3-V2H1000 R800 L2600	KP3-V2H1000 R800 L2600
Loading area	Light curtain, laser scanner	Light curtain, laser scanner	Light curtain, laser scanner	Light curtain, laser scanner
Welding equipment	1x KUKA welding box with Bosch Timer	1x KUKA welding box with Bosch Timer	2x KUKA welding box with Bosch Timer	2x KUKA welding box with Bosch Timer
Application software package	1x KUKA.ServoGun Basic 1x KUKA.EqualizingTech	1x KUKA.ServoGun Basic 1x KUKA.EqualizingTech	2x KUKA.ServoGun Basic 2x KUKA.EqualizingTech	2x KUKA.ServoGun Basic 2x KUKA.EqualizingTech

Optionen

- Mirrored layouts available
- Combined electrode dresser/changer (without milling tool)
- Rapid-action door (W = 2,800 x H = 2,200, overall height 3,100 mm)
- Central power supply
- Operator control and visualization with KUKA Advanced HMI
- In the case of expansion module: welding package for handling robot (as preparation for additional stationary spot welding)



www.kuka.com/contacts

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