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

• 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

• 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

Standard configuration

<table>
<thead>
<tr>
<th></th>
<th>cell4_arc midsize KP1-V2T1000</th>
<th>cell4_arc midsize KP3-V2H dual KR</th>
<th>cell4_arc midsize KP3-V2H single KR</th>
<th>cell4_arc midsize KP5 single KR</th>
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</thead>
<tbody>
<tr>
<td>Length (mm)</td>
<td>8,120</td>
<td>8,120</td>
<td>8,120</td>
<td>8,120</td>
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<tr>
<td>Width (mm)</td>
<td>3,020</td>
<td>3,840</td>
<td>3,840</td>
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<tr>
<td>Height (mm)</td>
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<tr>
<td>Positioner</td>
<td>KUKA.TRACC TCP</td>
<td>2 x KUKA.TRACC TCP</td>
<td>KUKA.TRACC TCP</td>
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<td>TCP checking device</td>
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<tr>
<td>Loading area</td>
<td>Light curtain and laser scanner</td>
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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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