KUKA cell4_uswelding compact
—the compact joining solution for thermoplastics

KUKA ultrasonic welding cells are quickly available and can be custom-configured with a range of versatile, modular standard packages and options. They shine out wherever high-quality weld seams are to be produced quickly with precise repeatability. KUKA cell4_uswelding compact was created for the compact implementation of industrial ultrasonic welding applications 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 integrated 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_uswelding compact
-flexible ultrasonic welding cell for utmost efficiency in confined spaces

With cell4_uswelding compact, KUKA delivers everything from a single source: perfectly coordinated components, defined interfaces and tried-and-tested processes. Preconfigured for immediate commissioning in your individual production environment. The fully-automated cell provides an extremely fast and cost-effective solution for high-quality weld seams when joining thermoplastic components. 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
  • 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

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

• Predefined ultrasonic welding equipment packages including Sonotrode Ø 12 mm
  – Branson 30 kHz
  – Rinco 35 kHz
• Loading area with roll door
• Advanced KUKA application software packages:
  – KUKA.ProcessScreen
    (for monitoring and documentation of process parameters)
  • Operator control and visualization with KUKA Advanced HMI
  • Customer-specific designs on request

www.kuka.com/contacts

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