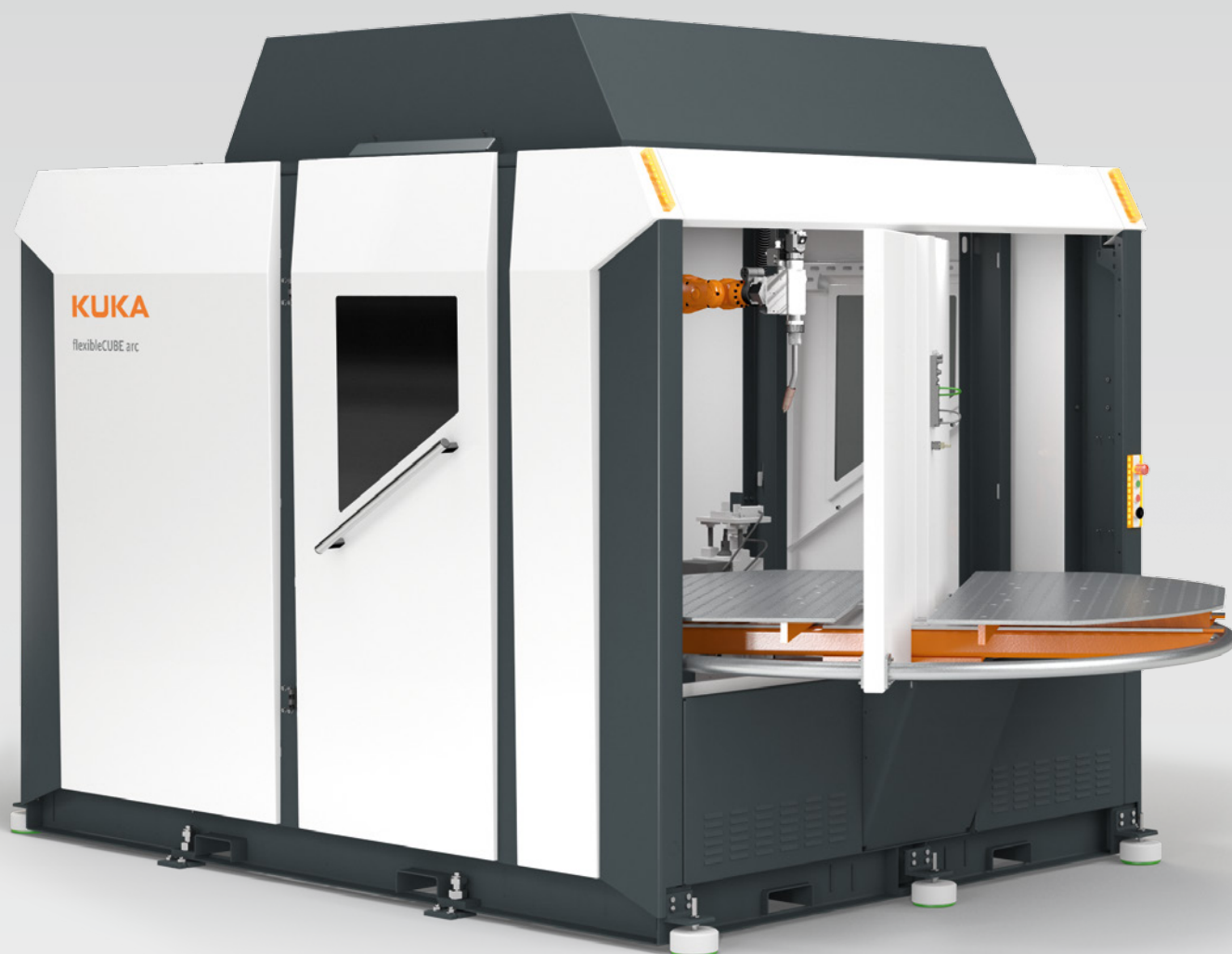


KUKA



Joining Solutions_KUKA flexibleCUBE arc



The innovation in the world of welding

KUKA flexibleCUBE arc

Due to increasing competition and ever greater demands on production, automation is a central topic in modern manufacturing – KUKA Industries has addressed this issue with the development of the modular welding cell KUKA flexibleCUBE arc.

“Plug & Play”

KUKA flexibleCUBE arc – Automation made easy

As a first step into automation or as a manufacturing extension to existing automation systems – the KUKA flexibleCUBE arc can be simply and seamlessly integrated into the manufacturing process. Targeted planning, fast integration, intuitive operator control and simple maintenance – these are KUKA Industries’s contribution to long-term process reliability in modern manufacturing.

Safety

KUKA flexibleCUBE arc – Custom-tailored and a safe long-term investment

High availability and simple operation, combined with exceptional upgrade and expansion options, make the KUKA flexibleCUBE arc the ideal manufacturing partner and a safe long-term investment

Flexibility

KUKA flexibleCUBE arc – Well thought-out to the very last detail

Versatile and modular standard packages with custom-tailored automation options allow the user to come up with simple solutions for specific automation tasks and react dynamically to changes in the manufacturing environment. The KUKA flexibleCUBE arc grows with the requirements placed on it and ensures a long-term competitive edge.

Quality

KUKA flexibleCUBE arc – The high-quality solution for the automation of welding

The KUKA flexibleCUBE arc is characterized by optimally coordinated components from the KUKA product family and use of the latest robot control and welding technologies and tried-and-tested arc welding standards.



Pre-assembled and ready to use

KUKA flexibleCUBE arc

Combined with service-proven welding equipment available on the market from various leading manufacturers and equipped with a wide range of positioning units the compact cell can be perfectly adapted to the specific production volume and welding requirements. Hardware and software options complete the all-rounder from KUKA Industries. Automation has never been easier.



reddot design award
winner 2013



Operator control and visualization Software

Operator control and visualization software fully integrated in the robot controller simplifies the operation of the welding cell: A setup wizard guides the operator through setup of the workpieces and fixture. The production overview shows statistical data relating to the production process, the current job, consumption figures and much more besides. Service and maintenance displays, operating and maintenance instructions available online and the remote maintenance assistant increase the availability of the system.



Automatic torch cleaning

For automatic cleaning of the torch to remove weld spatter in freely programmable cycles with a rotating cutter.



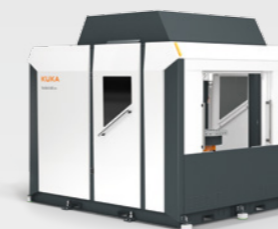
Automatic TCP check

Automatic, electronic program correction in up to five dimensions. The robot path is corrected automatically. The tool is thus always in the correct position.



Software

Various software options for component measurement, offline programming, process data monitoring and much more.



Together with our affiliated companies, KUKA Robotics and KUKA Systems, we can be found locally all over the world:

Argentina	Malaysia
Australia	Mexico
Austria	New Zealand
Belgium	Norway
Brazil	Poland
Canada	Portugal
Chile	Russia
China	Sweden
Czech Republic	Switzerland
Germany	Singapore
Hungary	Slovakia
France	Spain
Great Britain	South Africa
India	Taiwan
Italy	Thailand
Japan	Turkey
Korea	USA

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