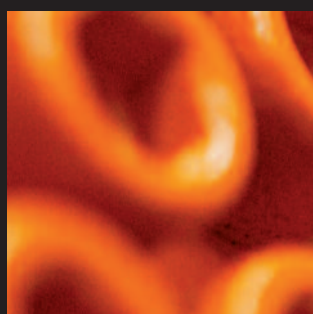
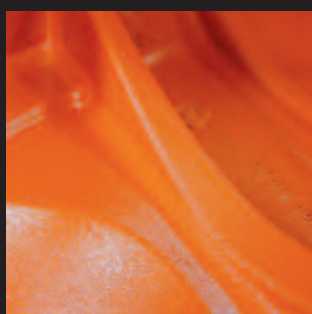
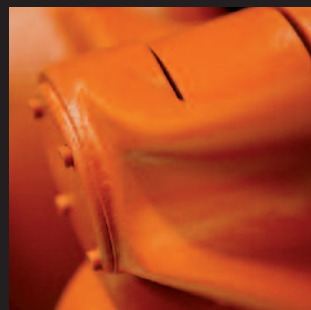
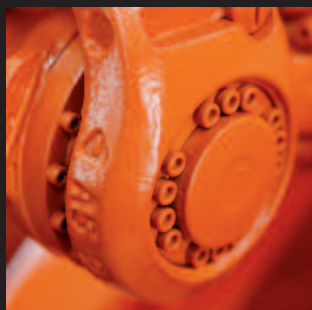


KUKA



ROBOT RANGE

»THE RIGHT SOLUTION FOR YOU

Industrial robots, controllers, software and automation solutions. KUKA automates the world and convinces customers not only by means of creativity, reliability and dynamism, but also with the largest product range on the market. Looking back on a long history of success, KUKA is today a technological leader and one of the world's most successful manufacturers of industrial robots. KUKA provides you with support right from the outset: from planning and commissioning through to perfect maintenance management for your system during ongoing production – this means that you can always tap the full potential of your KUKA robots.

INDIVIDUAL

With our modular concept, we will generate exactly the solution you need. Whatever the requirements – ceiling-, wall- or floor-mounted robots; an integrated, Windows™-based and network-capable control concept with flexible performance features, or special models,

such as palletizing, foundry, shelf-mounted, or cleanroom robots – there is no task for which we cannot provide the optimal solution. With KUKA, you have a competent partner at your side, who is on hand to answer your questions any time, any place.



Metalworking industry



Foundry industry



Plastics industry



Foodstuffs industry



PLANNING



COMMISSIONING



MAINTENANCE



»ROBOTIC CONSULTING

Right from the outset, the KUKA team advises and supports you on the road to the optimal solution. With consulting services ranging from concepts, analyses and simulations to robot selection and integration.

»COLLEGE

KUKA College equips your employees today to meet the challenges of the high-tech future. With a certified program of training and continuing education, ranging from basic courses to expert courses.

»TECHNICAL SUPPORT

KUKA Technical Support assists you during production whenever and wherever you need it – with process-optimizing services that include maintenance and fault management, as well as targeted industry upgrades and retrofits.

»COMMUNICATION THROUGH INTEGRATION

KUKA robots open up enormous potential. Intelligent control systems and software solutions from KUKA help to exploit this potential to the full. KUKA robot controllers are based on user-friendly Windows™-compliant user interfaces offering maximum functionality which can be mastered with a minimum of training. In this way, even complex systems can be started up quickly and easily and adapted at any time to new requirements or tasks.

»PERFORMANCE FEATURES OF THE KUKA CONTROL PANEL (KCP):

Ergonomic KUKA Control Panel for easy operation

Predefined forms for quicker entry of commands

Efficient operator guidance

Fast teaching with the 6D mouse

Familiar Windows™-style operation

»KUKA CONTROL PANEL (KCP)

The KCP teach pendant is fitted with an 8" color display, 6D mouse and customer-specific softkeys and hard-keys to make handling the controller even easier.

»PERFORMANCE FEATURES OF THE KUKA KR C2 ROBOT CONTROLLER:

Open, network-capable PC technology

Integrated control and drive concept for the entire robot range

Easy exchange of components, without the need for tools

DeviceNet (master) and Ethernet (in Windows system) available as standard; additional bus systems and real-time Ethernet optionally available

Room for installation of up to 2 external axes (or more with a top-mounted cabinet)

Proven drive systems in conjunction with PC technology for industrial environments

Remote diagnosis options via modem or network

Compact control cabinet, small footprint (approx. 0,3 m²)

»KUKA KR C2 ROBOT CONTROLLER

The KR C2 is highly versatile and can be expanded at any time and integrated into networks via a bus.

A wide range of software expansions is optionally available.

	KR C2 edition2005	KR C2 sr
Protection classification	IP 54	IP 20
Weight approx.	185 kg without transformer	34 kg
Dimensions (W x H x D)	1250 x 810 x 590 mm	495 x 440 x 262 mm
Networking	Ethernet, CAN, Interbus-S, Profibus	Interbus PCI Master & Slave Devicenet > MFC Standard Profibus PCI 3COM network card



Control cabinet and KCP

» KUKA SOFTWARE SOLUTIONS

KUKA robots stand for maximum dynamism and innovative drive. Their intelligence is derived from a wide range of software options from the field of system integration and also from industry-specific software solutions.

»1. APPLICATION

Ready-made software packages for the most common robot applications simplify robot programming and reduce start-up times.

- KUKA.LASERWELD
- KUKA.GLUETECH
- KUKA.ARCTECH
- KUKA.PALLETTECH
- KUKA.PLASTTECH
- ...

»2. SIMULATION (KUKA.SIM)

The KUKA.Sim program allows you to simulate your planned application. This enables processes to be tested and, if required, optimized and validated before commissioning.

- KUKA.SIM PRO
- KUKA.SIM VIEWER
- KUKA.SIM LAYOUT
- KUKA.OFFICELITE

»3. PLANNING (KUKA.LOAD)

The KUKA.Load program is a tool for evaluating the load on a given KUKA robot or for selecting a suitable robot for a given load.

»4. CONTROLLER (KUKA.PLC)

As well as controlling the robot, the KUKA PC-based controller can also take over the control of your entire manufacturing cell – via an integrated KUKA.PLC.

»5. COMMUNICATION (OPC-SERVER)

OPC Server is a software interface for external access to system and user variables from anywhere in the network, ensuring smooth data exchange at all times.

»6. CONROL & OBSERVE (HMI STUDIO)

HMI Studio provides components for quick and easy creation of complex production screens and for cell visualization.

»7. KUKA REAL-TIME-TECHNOLOGY

KUKA real-time technology allows the coexistence of the Windows CE or VxWorks real-time operating system on the same machine as Windows XP/2000.

»8. KUKA.CONVEYOR

The KUKA.Conveyor program enables synchronization of the robot program sequence (motions, logic and I/O processing) with an externally controlled conveyor.

»9. SECURITY UPDATES

In order to give you, as our customer, security in your network architecture, you can obtain the latest updates from us for your KRC system.

»10. REMOTE CONTROL

KUKA is the first robot manufacturer to market robots that can be accessed via the world-wide web.



PLC controller (KUKA.PLC)

Simulation (KUKA.Sim)

Safe option

»PRODUCT RANGE



01 KR 150-2 Serie 2000
KR 180-2 Serie 2000
KR 210-2 Serie 2000
KR 240-2 Serie 2000
KR 270-2 Serie 2000



02 KR 100 HA



03 KR 150-2 K Serie 2000
KR 180-2 K Serie 2000
KR 210-2 K Serie 2000



04 KR 360-2
KR 500-2



05 KR 500-2 MT



06 KR 1000 titan



07 KR 40 PA



08 KR 50 PA



09 KR 100-2 PA
KR 180-2 PA



10 KR 240 270-2 PA Serie 2000



11 KR 360 450-2 PA
KR 500 570-2 PA



12 KR 300 PA
KR 470 PA



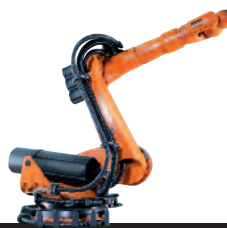
13 KR 700 PA



14 KR 1000 L 950 PA
KR 1000 L 1300 PA



15 KR 80 2 P



16 KR 100-2 P Serie 2000
KR 120-2 P Serie 2000



17 KR 360 L150-2 P



18 KR 30 jet
KR 60 jet



19 KL 250-3



20 KL 1000-2



21 KL 1500-3



22 KR 5 sixx



23 KR 5 scara



24 KR 10 scara



25 KR 5 arc



26 KR 5 arc HW



27 KR 6-2



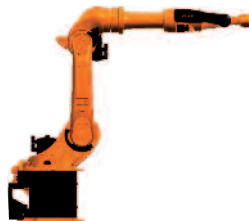
28 KR 16-2
KR 16-2 S



29 KR 16 L6



30 KR 16 arc HW



31 KR 16 L8 arc HW



32 KR 15 SL



33 KR 6-2 KS



34 KR 16-2 KS
KR 16-2 KS-S



35 KR 16 L6-2 KS



36 KR 30-3
KR 60-3



37 KR 30 L16-2



38 KR 30-3 HA
KR 60-3 HA



39 KR 30-4 KS
KR 60-4 KS



40 KR 60 L 16-2 KS



41 KR 100-2 comp
KR 140-2 comp
KR 200-2 comp
KR 220-2 comp

»KUKA ROBOTER GMBH THE IDEAL PARTNER FOR YOUR APPLICATIONS

KUKA Roboter GmbH is one of the world's leading manufacturers of industrial robots and is the No. 1 in Germany and Europe.

»MADE IN GERMANY

Development, manufacture and assembly are carried out at KUKA Roboter GmbH in Augsburg. This bundling of competencies allows us to develop innovative products, offer short delivery times and achieve maximum product quality

»PRODUCT RANGE

KUKA offers the largest range of products, with payload capacities from 5 kg to 1000 kg

»QUALITY

Only high-quality components from leading manufacturers are used in KUKA production. Internal quality checks and quality assurance programs ensure consistently high quality

»APPLICATION EXPERTISE

KUKA application experts work together with you and specialized system partners to find the optimal solution for your application in your sector

»CUSTOMER SERVICES

KUKA offers a wide range of services: from planning consultancy and start-up to training and system optimization. Custom-tailored maintenance and service agreements and a 24-hour hotline complete the spectrum for our customers

ROBOT RANGE

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