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TECHNOLOGY GROUP

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Kuka KPS-600/20-ESC* at our website: ***Click HERE***

KR C2



KR C2 controller
High-tech – tailored to every customer's needs

KUKA
WORKING IDEAS

WE HAVE OUR FINGER ON THE PULSE OF THE TIMES.

Look with confidence to the future.

With its single-axis servo-amplifiers, PC-based controller and electronic safety systems, the KR C2 will meet your controller requirements well into the future.

Advantages:

1. Standardization

Fully-integrated control and drive concept for the entire robot range with its payload spectrum from 3 to 570 kg:
On its own, the basic variant allows the operation of 6 robot axes and 2 external axes; with a top-mounted cabinet a total of 6 external axes can be controlled.

2. Reliability

The use of tried-and-tested drive systems from the world of automation, combined with standard PC components, ensures high reliability and state-of-the-art technology.

3. Ease of maintenance

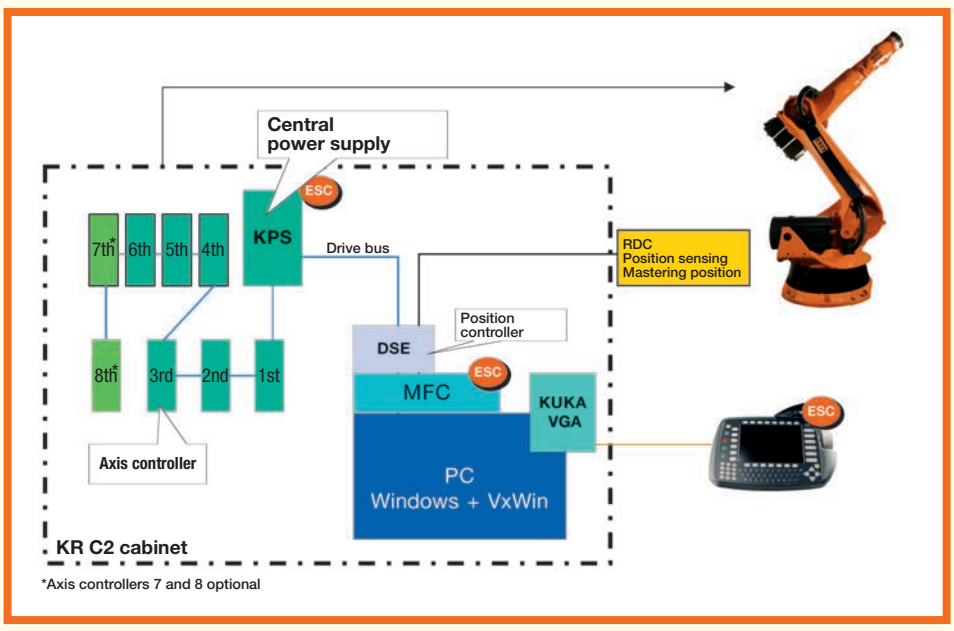
Its modular structure and single-axis drive technology make the cabinet maintenance-friendly and allow the simple exchange of components without the need for tools.

4. Safety

Electronic safety concept based on modern bus technology, 3-step enabling switch with panic position. Separate power supply to the safety logic. Optional: external axes can be disconnected individually using failsafe technology.

5. Diagnosis

Comprehensive drive system diagnosis using bus technology.
If an axis is disconnected, the source and the cause can be identified in the safety circuit.



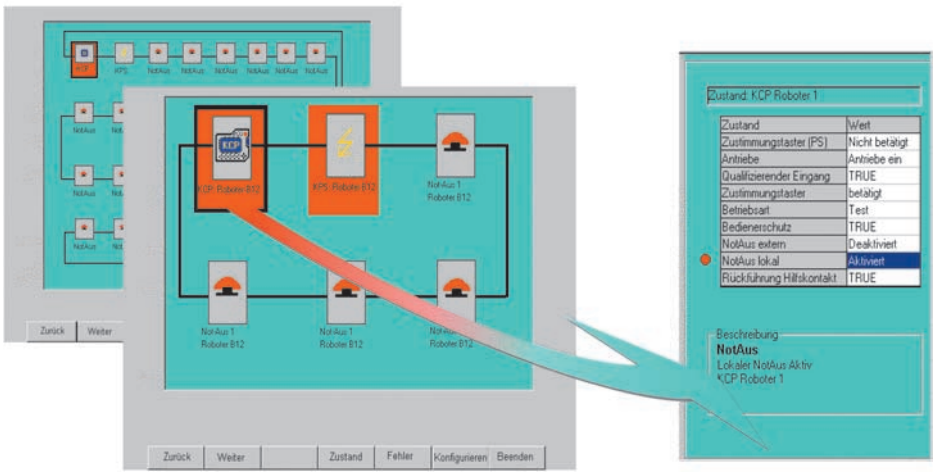
KR C2 drive concept. The tried-and-tested system concept has been expanded to include revolutionary drive technology with digital vector control.

KR C2 WITH PC TECHNOLOGY AND ESC (ELECTRONIC SAFETY CIRCUIT).

- Powerful industrial-version PC
  - Exchangeable without the need for tools
  - Compact design

- Electronic safety system (ESC)
  - Bus-based communication instead of parallel wiring

Implementation concept for ESC diagnosis on the KCP



ESC diagnostic facilities.
Easy-to-use diagnostic facilities available in the immediate vicinity of the robot.
Cause of switch-off can be determined immediately.



Example of rapid exchangeability: computer unit. Hard drive easy to exchange, all connections can be made externally, quickly accessible.

EXPANDABILITY.

Wide range of options: Ability to adapt to individual requirements ensures a high degree of flexibility.

- Up to 2 external axes in the basic cabinet
- Up to 6 external axes are possible with a top-mounted cabinet
- Optional energy recovery unit
- Interfaces for all common field bus systems:
  Interbus (copper/fiber optics), Profibus, CAN bus, DeviceNet
- Numerous options for integration of customer-specific equipment
  – Mounting plate in the basic cabinet
  – Top-mounted cabinet for application-specific technology
- PC interfaces and floppy disk drive externally accessible (optional),
  e.g. for mouse, printer, keyboard, network



KR C2 dimensions:
Width = 810 mm
Height = 1250 mm
Depth = 540 mm

WM-Nr. 841740/E/4/05.04

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WORKING IDEAS

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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