

# KUKA



**KR CYBERTECH.**

For space-saving cell concepts.



\_Low payloads



**KR CYBERTECH.** For space-saving cell concepts – with particularly low follow-up costs.



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**Fast and accurate.** The industrial robots of the KR CYBERTECH series reach exceptionally high speeds, allowing them to work even faster – without any loss of precision.

**Extensive portfolio.** The KR CYBERTECH series is suitable for handling large components, machining, assembly, palletizing and ARC welding.

**Flexible installation.** For planning security and low costs in the design of cells: the robots can be flexibly floor-, wall- or ceiling-mounted or even installed at a certain angle.

**Variety of energy supply systems.** Separation of the cable set and the dress package means that you can choose from a large variety of compatible energy supply systems.

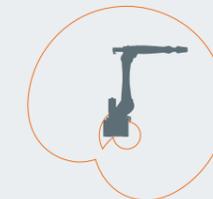
**Streamlined design.** The KR CYBERTECH family is set apart by a streamlined wrist and an extremely compact and athletic appearance.

**Improved motion characteristics.** The optimized controller structures make for smooth and sensitive motion characteristics – on the path and during positioning.

**ESD protection.** As standard, the robot is protected against uncontrolled electrostatic charging or discharging and is thus equipped for the safe handling of sensitive electronic components.



The space-saving and intelligently integrated cabling ensures that the KR CYBERTECH robots have maximum freedom of motion in any installation position.



**Reach**  
1,612 – 2,013 mm

**Payload**  
8 – 22 kg

**The specialist for handling applications.** The industrial robots of the KR CYBERTECH family represent the world's largest range of models in the low payload category with the greatest power density. They are ideally suited to space-saving cell concepts and provide top performance – with particularly low follow-up costs.

The powerful multifunction robots of the KR CYBERTECH series are specially designed for handling applications: handling of large components, machining, assembling, palletizing and ARC welding. A central innovation of the KR CYBERTECH series: the industrial robots are even more compact. This enables you to benefit from the greater integration density and reduced disruptive contours. Choose the right industrial robot for every application from the wide-ranging portfolio.



KR CYBERTECH	KR 22 R1610-2	KR 20 R1810-2	KR 16 R2010-2	KR 16 R1610-2	KR 12 R1810-2	KR 8 R2010-2	KR 20 R1810-1
Controller	KR C5, KR C4						
Number of axes	6	6	6	6	6	6	6
Rated payload	22 kg	20 kg	16 kg	16 kg	12 kg	8 kg	20 kg
Reach	1,612 mm	1,813 mm	2,013 mm	1,612 mm	1,813 mm	2,013 mm	1,813 mm
Pose repeatability	±0.04 mm						
Weight	255 kg	255 kg	260 kg	255 kg	255 kg	260 kg	250 kg
Variants	–	–	–	–	–	–	CR, F, HO
Installation position	Floor, ceiling, wall, angle						

CR Suitable for cleanrooms F Foundry variant HO Food-compatible lubricants  
The technical data in the table applies exclusively to standard versions.

**KR CYBERTECH KR 20 E.** With reduced functions, it focuses on the essentials and offers technical reliability in the usual quality. This makes the KR 20 Edition robot a cost-effective way to get started with automation, to serve price-sensitive market segments and dynamic requirements, and to fit the needs of small businesses. For handling or inspection tasks, the KR CYBERTECH KR 20 Edition robot provides reliable support in process automation.



KR CYBERTECH E	KR 20 R1820-2-E
Controller	KR C5
Number of axes	6
Rated payload	20 kg
Reach	1,820 mm
Pose repeatability	±0.04 mm
Weight	240 kg
Installation position	Floor, ceiling, wall, angle



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