

Industrial robotics  
\_KR CYBERTECH nano



## KR CYBERTECH nano series

\_pushing boundaries  
to cover every task

The new KR CYBERTECH nano series combines adaptability and speed with an unprecedented level of perfection. With just a few robot types, it covers the entire application range of the low payload category. With uncompromising speed and precision, they ensure short cycle times in handling applications and impress with optimal motion characteristics in complex path geometries. For maximum efficiency and optimal total cost of ownership.

### Highlights KR CYBERTECH nano series

- Maximum flexibility with payloads from 6 to 10 kg and reaches of up to 1,840 mm
- Suitable for the entire range of applications, such as handling, welding, palletizing, assembly, bonding, measuring, etc.
- KR C5 control technology for simplified commissioning and integration of external axes
- Multifunctional in any position: floor, wall, ceiling, any angle\*
- ESD protection for safe handling of sensitive electronic components

## KR CYBERTECH nano series

—pushing boundaries to cover every task

Ready for the dynamic markets of the future. The six robots of the KR CYBERTECH nano series set new standards in terms of performance and flexibility. Developed to achieve optimal results in any conceivable application. Unrivalled spectrum of capabilities: outstandingly agile, extremely fast and yet uncompromisingly precise in continuous-path motion – all combined in a single machine. With their sleek and streamlined design, the robots look good even in harsh surroundings.

Regardless of the application for which you use the KR CYBERTECH nano robots, both the in-line wrist and hollow-wrist variants achieve optimal results from the outset. For reducing the maintenance costs in small, compact cells, for complex tasks or in demanding, high-density production chains. Their deployment quickly pays off. Because the new KR CYBERTECH nano series combines maximized performance with minimized investment, integration and maintenance costs.

**KR CYBERTECH nano series**  
Suitable for the entire range of applications, such as handling, welding, palletizing, assembly, bonding, measuring, etc.



### Easy to integrate

Installation possible in any position\*: floor, wall, ceiling, any angle. In-line wrist variant protected to IP 65 / 67 (main axes / wrist axes). High integration density thanks to compact design and optimized disruptive contours.

### Smart upgrade

Thanks to identical footprint and connection patterns and full compatibility with accessories of previous KR CYBERTECH nano generations.

### Short lead times, reduced costs

Available for fast delivery. Easy to integrate. With minimized investment, integration and maintenance costs. The maintenance concept already optimized in the previous generation is continued in the new generation.

### Maximum performance capability for security of investment

Fast, precise and adaptable – with finely tuned Motion Modes. Designed to exploit the capabilities of the latest-generation KUKA KR C5 controller with KSS 8.7 to the full. Based on 600-V technology for maximum performance.

### Reach / payload

10 kg	A		
9 kg			
8 kg	D	B E	
7 kg			
6 kg			C F
	1,400 mm	1,600 mm	1,800 mm

A KR 10 R1440-2

B KR 8 R1640-2

C KR 6 R1840-2

D KR 8 R1440-2 arc HW

E KR 8 R1640-2 arc HW

F KR 6 R1840-2 arc HW

\*Recommended mounting position KR CYBERTECH nano-2 ARC: floor, ceiling

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