



Industrial robotics
_KR IONTEC



KR IONTEC

_the robot for every task in
the medium-payload range

An all-in-one solution. With the KR IONTEC, you are opting for pure performance and the largest work envelope in the medium payload category. Maximum dynamics and minimum cycle times. Perfection in every installation position. In the future, you will master all tasks with just one robot.

Highlights of the KR IONTEC

- Utmost flexibility during the life cycle
- Sustainably cost-efficient
- Performance redefined

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Utmost flexibility during the life cycle

- Extremely easy planning and selection
- Best-in-class work envelope
- Mounting possible in any installation position
- On-site conversion of payload capacity possible
- Motion Modes allow adaptation to any production process
- Lowest maintenance requirements in its class
- Fully digitalized – for all future applications

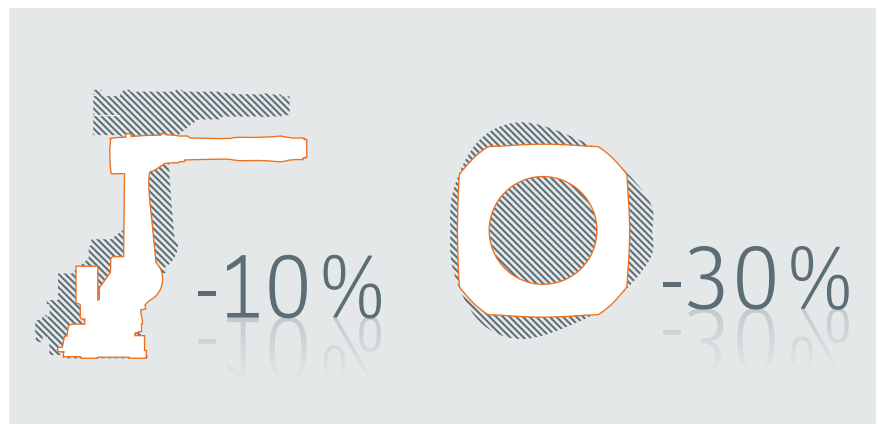
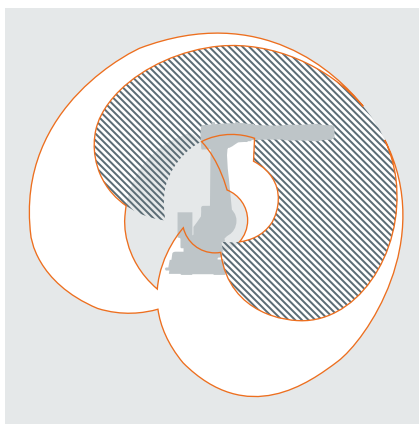
Sustainably cost-efficient

The KR IONTEC impresses with top-class values for total cost of ownership (TCO) and enables significant cost reductions:

- Lower investment costs
- Lower operating costs
- Lower maintenance costs

For nearly all applications

- Loading and unloading
- Handling
- Assembly
- Machining
- Laser welding and arc welding
- Soldering
- Adhesive bonding
- Sealing



Largest work envelope in its class

- Working range below the robot increased to 1,232 mm
- Reach increased to 2,100 mm
- 10% larger working range about axis 2

Performance redefined

- Easier integration into compact cells
- More economical cell planning
- Lower space requirements
- 30% smaller footprint
- 10% more streamlined disruptive contour
- 20% less weight
- Top dynamic performance
- A1 hollow shaft with Ø 119 mm for optimized energy supply

Reach / payload

70 kg	A F		
60 kg			
50 kg	B	D G	
40 kg			
30 kg	C		
20 kg			E
	2,100 mm	2,500 mm	3,100 mm

A KR 70 R2100

B KR 50 R2100

C KR 30 R2100

D KR 50 R2500

E KR 20 R3100

F KR 70 R2100 F

G KR 50 R2500 F



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