

Industrial robotics _KR 4 AGILUS



KR 4 AGILUS

_more possibilities created by more functions

Stronger, faster, more agile. The new KR 4 AGILUS delivers outstanding efficiency and cost-effectiveness in the small robotics segment. With a payload of 4 kg, it combines top performance and maximum reach in an ultra-compact format. For example with cycle times as fast as 0.4 sec in the small Adept cycle, with loads up to 3 kg. In any installation position. At almost any temperature. With utmost precision.

Highlights of the KR 4 AGILUS

- More power: maximum payload up to 4 kg
- Ultra-short cycle times: as fast as 0.4 sec with a payload of up to 3 kg*
- 600 mm reach: ideal for all applications in the standard 600 x 600 mm² workspace
- Low TCO: outstanding availability with minimal service requirements
- Multi-functional in any position: floor, wall, ceiling, at any angle
- Minimized disruptive contours: due to energy and data supply integrated in the axes

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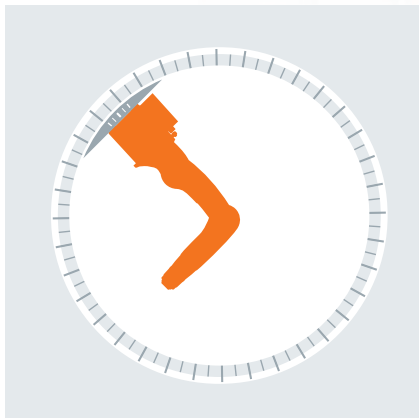
Multi-functional applicability, flexible positioning and unbeatable reliability – the new KR 4 AGILUS pushes back the boundaries of technical feasibility in small robotics. Small and slim, but extremely strong with 4 kg payload capacity. With a payload of up to 3 kg, it impresses with a top cycle time as fast as 0.4 sec*. Whether handling, continuous-path motion or working with pinpoint accuracy – the KR 4 AGILUS simplifies the automation of compact and ultra-compact cells. Flexible in installation, highly precise in motion, economical in maintenance.

With just one type of robot, your applications will sustainably reach new levels of performance and efficiency. For top performance throughout a temperature range from 0 to 55 °C. Furthermore, the KR 4 AGILUS features an internal media supply for air, power and data, facilitating the quick integration of peripheral equipment. As a robot of the latest generation, the KR 4 AGILUS operates with the KR C5 micro, incorporating state-of-the-art control technology from KUKA. In order to solve and control tasks more efficiently and intuitively.

*Cycle time according to the
"Small Adept Cycle" reference standard

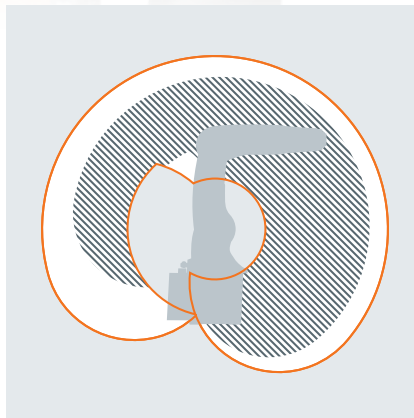
KR C5 – latest-generation controller

Top performance and connectivity in an ultra-compact package. The KR C5 micro unites robot, PLC, motion and safety control in a housing with a volume of just 16 l.



Any installation position, any angle

The KR 4 AGILUS can be flexibly installed in any position as standard. With a large workspace to the rear – optimally equipped for overhead applications.



Maximum reach, maximum workspace

With a reach of 600 mm and an extended workspace, the KR 4 AGILUS is ideally suited for flexible integration into compact and ultra-compact cells.

Greater performance at an attractive price

4 kg payload capacity, utmost precision, short cycle times and low weight at a favorable price

Certified quality

Internationally certified to the EU standard CE mark (including TÜV Functional Safety certification) and the American UL mark of conformity

Robust in its work environment

Operational in the entire temperature range from 0 to 55 °C, IP protection class 40 and ESD-protected.

Integrated media supply for air, power and data

For minimum disruptive contours and maximum reliability in operation. Factory-prepared for the safe, quick and simple integration of peripheral equipment



www.kuka.com/contacts

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