


KUKA



KR SCARA.

Extremely fast, extremely precise.





Small robots

KR SCARA.

Extremely fast,
extremely precise.



Strong, fast, highly efficient. From the assembly of small parts to material handling or inspection – the ultra-compact KR SCARA robots immediately deliver maximum efficiency and cost-effectiveness. With integrated media supply systems, they can master almost any application straight out of the box.

The KR SCARA robots have an internally-routed media supply for air, power and data – a complete package for smart integration of peripheral devices and quick adaptation of the KR SCARA robot to almost any desired application. From the assembly of small parts to material handling or inspection – the 4-axis KR SCARA robots are characterized by flexible installation, highly precise motion and low maintenance requirements.



The KR 12 R850 has a payload capacity of 12 kilograms and a reach of 850 millimeters.

click for more

Unbeatable price/performance ratio. 6 or 12-kilogram payload, utmost precision, extremely short cycle times, high speed, low weight – and all at an affordable price.

Optimally adaptable to almost any task. Media supply in the complete package to enable fast adaptation of the robot to virtually any desired application.

Robust in many working environments. Operational in the entire temperature range from 5° to 40° Celsius, protection rating IP 20.

Fast integration of peripheral equipment. Factory-prepared for the safe, quick and simple integration of peripheral equipment.

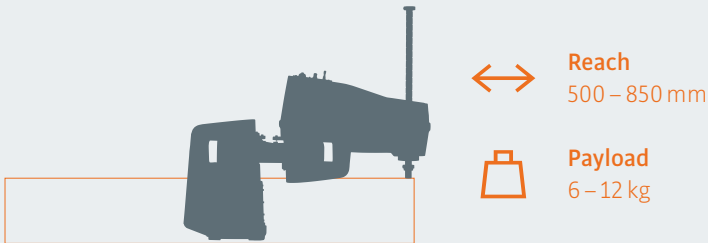
Certified quality. The KR SCARA robot is internationally certified according to the applicable EU standard.



Thanks to the cleanroom variant, companies with ultraclean production environments – such as those in the semiconductor industry – can also benefit from the strengths of the KR SCARA.






As a robot of the latest generation, the KR SCARA has an internally-routed media supply for air, power and data. A coordinated complete package for the simple integration of peripheral devices and fast adaptation of the robot to virtually any desired application.



KR SCARA	KR 6 R500 Z200-2	KR 6 R700 Z200-2	KR 12 R650 Z400	KR 12 R750 Z400	KR 12 R750 Z600	KR 12 R850 Z400
Controller	KR C5 micro	KR C5 micro	KR C5 micro	KR C5 micro	KR C5 micro	KR C5 micro
Number of axes	4	4	4	4	4	4
Payload (maximum/rated)	6 kg / 3 kg	6 kg / 3 kg	12 kg / 6 kg	12 kg / 6 kg	12 kg / 6 kg	12 kg / 6 kg
Reach	500 mm	700 mm	650 mm	750 mm	750 mm	850 mm
Pose repeatability	±0.02 mm	±0.02 mm	±0.02 mm	±0.02 mm	±0.02 mm	±0.02 mm
Weight	20 kg	22 kg	49 kg	50 kg	50.5 kg	51 kg
Variants	–	–	CR	CR	CR	CR
Installation position	Floor	Floor	Floor	Floor	Floor	Floor

The technical data in the table applies exclusively to standard versions.



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01.05.2024

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