

KUKA



KUKA Linear units

Maximum productivity all along the line.



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Maximize your productivity all the way down the line. KUKA linear units allow you to increase workspaces significantly.

Another major advantage: the linear units are implemented as an external axis – which means that no additional controller is required. The KUKA product range covers every payload category and every requirement. The spectrum ranges from ceiling-mounted units to the high-speed variant and even linear units with a protective cover. You thus hold all the options for decisively expanding your success margin.

Positionally accurate. Up to four robots can be operated on one linear axis. Multiple robot positions on the linear axis allow optimal adaptation to existing requirements and workspaces.

Flexible. Long travel extends the work envelope by several times the reach of the robot. The linear units are ideal for linking production lines.

Versatile. Floor, ceiling and wall-mounted variants are available, as well as a cover to provide protection from dirt during operations in harsh environments.


Powerful. Additional version with high torque (e.g. for milling applications) and a high-speed variant for tasks requiring extreme speed and short cycle times.

Productive. Moving workpieces/tools with additional carriages, driven or non-driven (tender carriages) helps to shorten cycle times.

KL 250-3



The KL 250-3 linear unit is suitable for the KR CYBERTECH robot series with a payload of up to 300 kilograms.


 **Payload**
300 kg

Lineareinheit	KL 250-3
Rated payload	300 kg
Number of carriages	max. 4
Rated travel	max. 30.1 m
Velocity with rated payload	1.41 m/s
Pose repeatability	±0.02 mm
Variants	CV
Installation position	Floor, ceiling

KL 100



The KL 100 is the linear unit for the KR AGILUS robot series. It can be installed on the floor, ceiling and wall and supports up to 100 kilograms.


 **Payload**
100 kg

Lineareinheit	KL 100
Rated payload	100 kg
Number of carriages	max. 4
Rated travel	max. 30 m
Velocity with rated payload	2.5 m/s
Pose repeatability	±0.02 mm
Variants	–
Installation position	Floor, ceiling, wall

KL 4000



Suitable for the KR QUANTEC, KR FORTEC, KR 300 PA and KR 470 PA series. The KL 4000 is our linear unit for loads of up to 4,000 kilograms.

 **Payload**
4,000 kg

Lineareinheit	KL 4000
Rated payload	4,000 kg
Number of carriages	max. 4
Rated travel	max. 30.4 m
Velocity with rated payload	2.35 m/s
Pose repeatability	±0.02 mm
Variants	S
Installation position	Floor, ceiling

CV Covered S Speed



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