


KUKA



KUKA palletizing robots.
The right specialist for every taste.




 **KR 40 PA.** Our smallest and lightest palletizing robot.



The KR 40 PA picks and packs your goods in record time. It can palletize with a total load of up to 40 kilograms and reach net stacking heights of up to 1.8 meters – all in a very small space. Cycle times are shortened significantly thanks to its low weight.



KR 40 PA	KR 40 PA
Controller	KR C5 , KR C4
Number of axes	4
Payload	40 kg
Reach	2,091 mm
Pose repeatability	±0.05 mm
Weight	695 kg
Variants	-
Installation position	Floor

 **KR QUANTEC PA.** Shorter cycles, best availability and low operating costs.



The KR QUANTEC PA robots are the most powerful robots in their class. The streamlined design and low weight enable unbeatable dynamic performance and precision. The KR QUANTEC PA robots are thus perfectly suited to challenging palletizing tasks with payloads from 120 to 240 kilograms and maximum reaches – including the Arctic variant designed specially for use in cold-storage rooms. They can be used to effortlessly stack multiple pallets to a great height.



KR QUANTEC PA	KR 240 R3200-1 PA*	KR 180 R3200-1 PA*	KR 120 R3200-1 PA*	KR 240 R3200-2 PA	KR 180 R3200-2 PA	KR 140 R3200-2 PA
Controller	KR C4, KR C5	KR C4, KR C5	KR C4, KR C5	KR C4, KR C5	KR C4, KR C5	KR C4, KR C5
Number of axes	5	5	5	5	5	5
Payload	240 kg	180 kg	120 kg	240 kg	180 kg	140 kg
Reach	3,195 mm	3,195 mm	3,195 mm	3,195 mm	3,195 mm	3,195 mm
Pose repeatability	±0.06 mm	±0.06 mm	±0.06 mm	±0.07 mm	±0.07 mm	±0.07 mm
Weight	1,103 kg	1,093 kg	1,075 kg	1,017 kg	1,017 kg	1,017 kg
Variants	A	A	A	HO	HO	HO
Installation position	Floor	Floor	Floor	Floor	Floor	Floor

* Only available as Arctic version to -30°C **HO** Food compatible lubricants
The technical data in the table applies exclusively to standard versions.

KR 300 PA, KR 470 PA and KR 700 PA.

High flexibility with heavy-duty palletizers up to 700 kilograms.



KUKA palletizing robots for heavy loads can get to grips with far more. As well as their high payload capacity, combined with a reach of up to 3,150 millimeters, they stand out with their extremely high working speeds. They handle heavy payloads at high speed – with extremely long maintenance intervals. The hollow-wrist design with its extra-large opening, measuring an unbeatable 60 millimeters, enables space-saving cell concepts.

↔ **Reach**
3,150–3,320 mm

🛒 **Payload**
300–700 kg



KR 300 PA, KR 470 PA and KR 700 PA	KR 300-2 PA	KR 470-2 PA	KR 700 PA
Controller	KR C5, KR C4	KR C5, KR C4	KR C5, KR C4
Number of axes	5	5	4
Payload	300 kg	470 kg	700 kg
Reach	3,150 mm	3,150 mm	3,320 mm
Pose repeatability	±0.08 mm	±0.08 mm	±0.08 mm
Weight	2,150 kg	2,150 kg	2,850 kg
Variants	–	–	–
Installation position	Floor	Floor	Floor

⚡ KR 1000 titan PA. Handling of heavy loads over long distances.



With the palletizing robots of the KR 1000 titan series, you can lift the heaviest loads with ease. The KR titan PA is the world's first robot for payloads of up to 1,300 kilograms – with unrestricted dynamic performance and short cycle times, it is the strongest palletizing robot on the market. With their long reach and minimal disruptive contours, the strong robots of the titan series open up additional workspace.

↔ **Reach**
3,202–3,601 mm

🛒 **Payload**
950–1,300 kg

KR 1000 titan PA	KR 1000 L950 titan PA	KR 1000 1300 titan PA
Controller	KR C5, KR C4	KR C5, KR C4
Number of axes	4	4
Payload	950 kg	1,300 kg
Reach	3,601 mm	3,202 mm
Pose repeatability	±0.10 mm	±0.10 mm
Weight	4,740 kg	4,690 kg
Variants	F	F
Installation position	Floor	Floor

F Foundry variant

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



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