

# KUKA



Industrial robot  
\_KR 3 D1200 HM



## KR 3 D1200 HM

\_KR DELTA impresses where hygiene is of the essence

KR 3 D1200 HM is the first KR DELTA parallel robot launched by KUKA. It is suitable for applications with strict health and safety requirements in industries such as food, medicine, household chemicals, etc. The entire body of the robot is made of stainless steel with an IP67 protection rating, which can withstand the cleaning and sterilization of hydraulic monitors and various industrial cleaners. Both materials used for the robot body and lubrication meet the Food Contact Materials Regulations released by FDA and LFGB.

# Advantages of the KR 3 D1200 HM

## Hygienic standards meet food contact regulations

- The whole body is made of stainless steel, which is smooth, dirt-proof, corrosion resistant, and easy to clean and disinfect.
- The protection rating of the whole body is IP67, and the rating of axis No. 4 is as high as IP69K.
- Materials used for robot body and lubrication meet the Food Contact Materials Regulations released of the FDA and LFGB.
- The robot body can be in direct contact with food or medicines. It is especially suitable for food processing, primary packaging and other applications.

## High cost-effectiveness

- No need to change grease for the reducer for its whole life cycle
- Self-lubricating design for ball joints
- It comes with the KR C5 micro, KUKA's latest controller generation. It takes up less space and has lower power consumption.
- Low maintenance efforts
- Can be washed directly by hydraulic monitors to reduce the downtime caused by cleaning

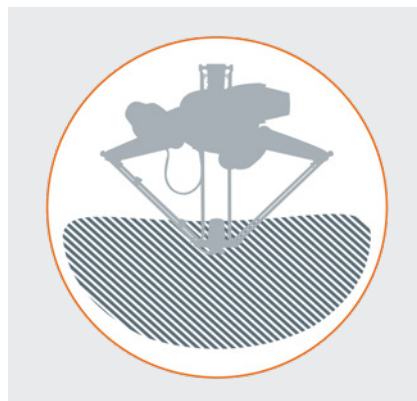
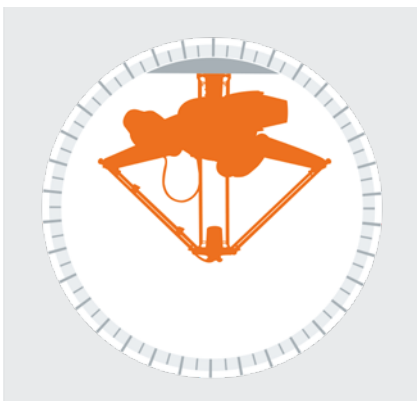
## Powerful and easily accessible application system

- KUKA.VisionTech vision technology and KUKA.PickControl designated software easily enable the seamless integration of up to 10 robots and conveyor systems
- Widely used for processing, picking, sorting, packaging, stacking and other applications in food, medicine, household chemicals and other industries

## Technical Parameters

No. Of axes	4
Rated load	3 kg
Max load	6 kg
Max diameter	1,200 mm
Max height	250 mm
Position repeatability	± 0.1 mm
Cycle time	0.5 s (25 / 305 / 25 mm with payload 1 kg)
Mounting position	Ceiling
Footprint	1,500 mm × 1,500 mm
Weight	95 kg
Protection rating	IP67
Protection rating of No. 4 axe	IP69K
Material	Stainless steel

\* The cycle time is measured on site. It may vary in different application scenarios. For accurate cycle time, please check with KUKA software or measure on site.



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