

# KUKA



Move More. Make More.

Automation solutions for the fast-moving consumer goods industry







# The KUKA Difference

## We Know Your Moves

After 120 years in the automation industry, we know how to respond to one-of-a-kind challenges in industries that demand responsive flexibility and innovation. Fast-moving consumer goods is no exception. Moving large quantities of output without wasted space, motion or time is essential. Setup can alter in a heartbeat, with dynamic changes in production for seasonal or specialty products. Every step of the way, KUKA matches your pace.

## We're Your Single Source

In food processing, pharmaceuticals and other sectors, you want a partner who can set you up for success with a system that's tailored to your facility, improves production and reduces total cost of ownership. At KUKA, we deliver holistic solutions that include the knowhow, flexible robots and easy-to-use software to meet your needs. Our continuous commitment to single-source innovation streamlines your automation process and coordinates all aspects of your solution for maximum productivity and efficiency.

## We Exceed Your Expectations

Our extensive support network provides your team with access to all the resources you need, including virtual or in-person training, readily available spare parts and more. Our user-friendly my.KUKA digital customer portal gives you technical information, license management and more, accessible wherever and whenever you need it. Centers of Excellence across North America put expertise within your reach wherever you are. We partner with you to make every aspect of your automation solution responsive to your application requirements.







## We Pick, Pack and Palletize – At Your Speed

Flexible, versatile, accurate speed: In the fast-moving consumer goods industry, you can't slow down to let technology catch up. To support your ever-changing products and production demands, choose your reach, payload, peripheral units, software and ready-to-use cells from the industry's widest range of available options. With easy setup and operation, we're here to help you get more work done in less time, with the tracking and control you need to ensure that everything's in the right place.



# We Have Your Robots and Peripheral Units

KUKA robots are fast, flexible, easy to configure and maintain. Choose the payload and reach you need for your application, along with the software to organize your technology and keep everything moving in the right direction.

## Palletizing Robots

Stacking speed and height for any payload.



### KR 40 PA

Stacks pallets to a height of 1.8 meters

Reach –  $\leq 2091$  mm

Payload –  $\leq 40$  kg



### KR 50 IONTEC

Best work envelope in its class

Reach – 2100-3100 mm

Payload – 20-70 kg



### KR 120 R3200 PA

KR 180 R3200 PA

KR 240 R3200 PA

HYGIENIC OIL/ARCTIC

Precision stacking of multiple pallets

Reach –  $\leq 3195$  mm

Payload – 120-240 kg



### KR 700 PA

Stack heavy and high

Reach –  $\leq 3320$  mm

Payload –  $\leq 700$  kg



### KR 300-2 PA

Stack heavy and high

Reach –  $\leq 3150$  mm

Payload –  $\leq 300$  kg



### KR 470-2 PA

Stack heavy and high

Reach –  $\leq 3150$  mm

Payload –  $\leq 470$  kg



### KR 1000 1300 PA

KR 1000 L950 PA

Reach and stack the heaviest loads

Reach –  $\leq 3202$  mm

Payload –  $\leq 1300$  kg



### KR QUANTEC Ultra K

Shelf mount

Reach –  $\leq 3900$  mm

Payload –  $\leq 120$  kg



### KMP 1500 with Conveyor

Autonomous and omnidirectional

Payload –  $\leq 1500$  kg

Velocity –  $\leq 1$  m per second



## Application-Specialist Robots



### KR CYBERTECH

Reach – 1612-2013 mm

Payload – 8-22 kg

## Small-Payload Robots



### KR 6 SCARA

Smart integration of peripheral devices and rapid adaptation to almost any application.

Axis work ranges – 0.5 m-0.7 m

Payload –  $\leq 6$  kg

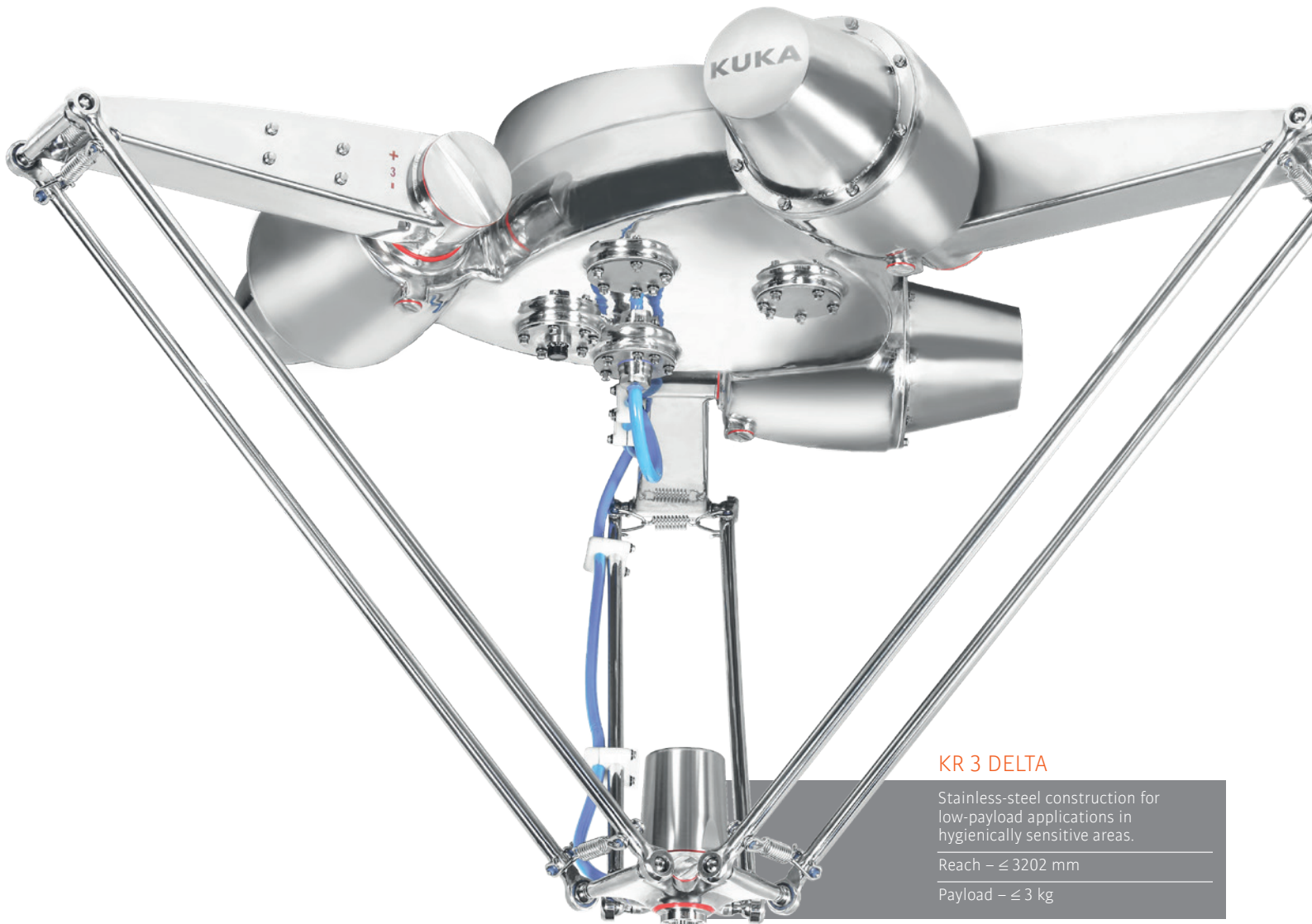


### KR AGILUS Series

Speed, agility and precision in confined spaces

Reach – 600-1101 mm

Payload – 4-10 kg



### KR 3 DELTA

Stainless-steel construction for low-payload applications in hygienically sensitive areas.

Reach –  $\leq 3202$  mm

Payload –  $\leq 3$  kg

# Performance-Enhancing Software

Easy setup and fast, intuitive, powerful programming



## KUKA.PalletTech 4.0

For quick, flexible palletizing of unmixed items in many packing patterns, KUKA.PalletTech automatically generates robot programs with easy configuration that even non-programmers can master. In a few steps, define cell components, create palletizing instructions and design processes with any combination of layer and stacking patterns, all with simple, guided setup and modification.

You're in complete control of grippers, pallets, plans and stations, so you can achieve tightly secure stacking every time, with easy combination of single or multi pick and place routines. Expand programs at entry points that enable easy adaptability for integration of customized extensions. KUKA.PalletTech provides the cost-effective flexibility you need for pick-and-place tasks, all with graphical visualization and user-friendly feedback at every step.



## KUKA.PickControl

As product cycles shrink and efficiency becomes an increasing priority, coordinate and control multiple synchronized robots with KUKA.PickControl, a modular solution developed specifically for conveyor tracking of fast-moving consumer goods.

Ease your way through programming with step-by-step support for unlimited setdown patterns. Process mixed products in unstructured environments with object and feature recognition that detects pose and distributes one or more products to placing positions. Record your system in real time and use performance data to optimize it from a central KPI-monitoring station. Set up dynamic load sharing among multiple robots to manage production peaks without reducing overall speed. Fine tune your system while it runs, modifying pick height or image processing as your needs change – and scale your system to keep up with your process.



## KUKA.ConveyorTech

Adapt robots to the speed and motion of assembly lines or conveyor belts on up to five conveyors, with quick, automatic synchronization.



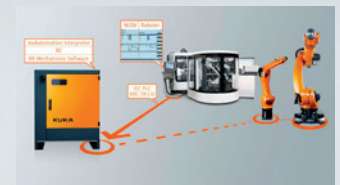
## KUKA.Sim

Optimize your production for enhanced flexibility and output with smart simulation software that ensures efficient offline programming.



## KUKA.VisionTech

Easily trace products, safeguard quality and reduce costs with 2D object recognition and code and optical character recognition (OCR).



## KUKA.PLC mxAutomation

Control software that's ideal for operating robot-based production machines with external controllers and minimal programming.

All KUKA 6-axis palletizing robots come standard with Palletizing Mode, a unique software function that allows you to program your 6-axis robots like standard 4-axis robots.



**my.KUKA:** Online customer portal

## Your anytime, anywhere connection to products, information and expertise.





KUKA is your single source for everything automation. With one stop, you can register products, manage licenses, buy robots and spare parts, and access your technical data with ease. Make my.KUKA your online destination for holistic support of your account and operations.

- » KUKA Xpert: Tap into product information with our comprehensive knowledge base.
- » KUKA Compose: Find the right products for your applications.
- » KUKA Connect: Access your robots' performance data through the cloud.
- » KUKA College: Expand your knowledge with free e-learning courses and seminars.
- » KUKA Marketplace: Search and buy everything from parts to cells in one place.

Make automation work harder for you – and let my.KUKA make your applications simple to develop and support.



Some optional services require an additional charge.

- 
-  [facebook.com/KUKA.AMERICA](https://facebook.com/KUKA.AMERICA)
  -  [youtube.com/kukarobotgroup](https://youtube.com/kukarobotgroup)
  -  [twitter.com/KUKA\\_Americas](https://twitter.com/KUKA_Americas)
  -  [instagram.com/KUKA\\_americas](https://instagram.com/KUKA_americas)
  -  [linkedin.com/company/kukaglobal](https://linkedin.com/company/kukaglobal)

Details provided about the properties and usability of the products are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered is determined by the subject matter of the specific contract. No liability accepted for errors or omissions. Subject to technical alterations.

© 2021 KUKA

[www.kuka.com](https://www.kuka.com)

