

KUKA LBR IIWA 14 R820



The advanced KUKA LBR IIWA 14 R820 collaborative robot features a 14 kg payload, a 820 mm reach and Protection Class IP54 rating. It is the latest in robotic innovation, with the ability to work with humans. The LBR IIWA 14 R820 has built in sensors and soft edges that make it safe for human collaboration and the ability to detect movement and touch all over. The KUKA LBR IIWA 14 is great for coating, machining, palletizing, fastening, measuring, and other material handling applications.

For more information about the KUKA LBR IIWA 14 R820, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 7
Payload:..... 14 kg
H-Reach:..... 820 mm
Repeatability: ± 0.1 mm
Robot Mass: 30 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1.....85 °/s (1.48 rad/s)
J2.....85 °/s (1.48 rad/s)
J3.....100 °/s (1.75 rad/s)
J4.....75 °/s (1.31 rad/s)
J5.....130 °/s (2.27 rad/s)
J6.....135 °/s (2.36 rad/s)

Robot Motion Range

J1.....±170°
J2.....±120°
J3.....±170°
J4.....±120°
J5.....±170°
J6.....±120°

Robot Controllers

KUKA Sunrise Cabinet >

Robot Applications

Coating Robots >
Collaborative Robots >
Machine Tending Robots >

Material Handling Robots >
Pick and Place Robots >