

KUKA KR 90 R2900 Extra HA



The KUKA KR 90 R2900 Extra HA is an extremely precise 6-axis robot that has a 2896 mm reach and a 90 kg payload. It is the perfect answer for jobs that require high accuracy, such as laser applications of the gauging of components. Although it's a high payload robot, the KUKA KR 90 R2900 Extra HA can still maintain an impressive 0.05 mm repeatability; this helps to enable the robot arm to perform handling, welding, packaging, palletizing, and many other industrial applications with amazing precision. It has a small footprint and reduced size to help give this robot superior flexibility for hard to reach areas, such as corners and other tight spaces.

The KR-90 R-2900 Extra HA is paired with the KR C4 controller and is ready to provide your application with the precision you've been searching for.

For more information about the KUKA KR 90 R2900 Extra HA, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 90 kg
H-Reach:..... 2896 mm
Repeatability: ± 0.05 mm
Robot Mass: 1121 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

J1.....105 °/s (1.83 rad/s)
J2.....101 °/s (1.76 rad/s)
J3.....107 °/s (1.87 rad/s)
J4.....292 °/s (5.1 rad/s)
J5.....258 °/s (4.5 rad/s)
J6.....284 °/s (4.96 rad/s)

Robot Motion Range

J1..... $\pm 185^\circ$
J2..... $+5^\circ - 140^\circ$
J3..... $+120^\circ - 155^\circ$
J4..... $\pm 350^\circ$
J5..... $\pm 125^\circ$
J6..... $\pm 350^\circ$

Robot Controllers

KUKA KR C4 >

Robot Applications

Assembly Robots >

Coating Robots >

Cutting Robots >

Machine Loading Robots >

Machine Tending Robots >

Material Handling Robots >

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