

KUKA KR 5 Sixx R650



Short cycle times, combined with high accuracy, make the KUKA KR 5 Sixx an excellent choice for many assembly applications. A compact arm with a 5 kg payload, the KR 5 Sixx is available with two reach options: 650 mm and 850 mm. The high-speed arm has six axes and can be mounted on the floor or on the ceiling. A high-performance KUKA PC-based controller makes the KR 5 Sixx KR C2 SR easy to program and operate.

The KUKA small robot line is ideal for applications that require precision and speed. The power and fluid lines of the KR 5 Sixx KR C2 SR are integrated into the robots to reduce interference. The KR 5 sixx can also be ordered with an optional dust- and splash-proof package that results in a rating of IP65. The low weight and fist-shaped envelope of this arm results in quick performance, even in confined work areas.

For more information about the KUKA KR 5 Sixx R650, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 5 kg
H-Reach:..... 650 mm
Repeatability: ± 0.02 mm
Robot Mass: 127 kg
Structure: Articulated
Mounting: Floor, Inverted

Robot Motion Speed

J1.....375 °/s (6.54 rad/s)
J2.....300 °/s (5.24 rad/s)
J3.....375 °/s (6.54 rad/s)
J4.....410 °/s (7.16 rad/s)
J5.....410 °/s (7.16 rad/s)
J6.....660 °/s (11.52 rad/s)

Robot Motion Range

J1.....±170°
J2.....+45° - 190°
J3.....+165° - 119°
J4.....±190°
J5.....±120°
J6.....±358°

Robot Controllers

KUKA KR C2 SR >

Robot Applications

Assembly Robots >

Bonding / Sealing Robots >

Coating Robots >

Machine Loading Robots >

Material Handling Robots >

Packaging Robots >

Pick and Place Robots >