

KUKA KR 120 R2700 Extra HA



The extremely compact, 6-axis, KUKA KR 120 R2700 Extra HA robot is ideal for conquering those jobs that require high accuracy and extreme precision. This makes this robot ideal for a variety of applications, including lasers, palletizing, assembly, spot welding, and more! The KUKA KR 120 R2700 features a 120 kg payload and +/-0.05mm repeatability.

With reduced interference contours and a slender wrist, the KR 120 R2700 Extra HA robot is very precise and ready to be added to your floor. It will be paired with the KR C4 controller.

For more information about the KUKA KR 120 R2700 Extra HA, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 120 kg
 H-Reach:..... 2696 mm
 Repeatability: ± 0.05 mm
 Robot Mass: 1104 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.....±185°
 J2.....+5° - 140°
 J3.....+120° - 155°
 J4.....±350°
 J5.....±125°
 J6.....±350°

Robot Controllers

KUKA KR C4 >

Robot Applications

- Arc Welding Robots >
- Assembly Robots >
- Coating Robots >
- Cutting Robots >
- Laser Welding Robots >
- Machine Tending Robots >
- Material Handling Robots >
- Order Picking Robots >