

KUKA KR 120 R2500 Pro



The extremely compact, KUKA KR 120 R2500 (KR QUANTEC PRO) robot is ideal for a variety of applications, including palletizing, assembly, spot welding, and more! With reduced interference contours and a slender wrist, the KR 120 R2500 robot is very precise. The KUKA KR 120 R2500 features a 120 kg payload and +/-0.06mm repeatability.

For more information about the KUKA KR 120 R2500 Pro, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 120 kg
 H-Reach:..... 2496 mm
 Repeatability: ± 0.06 mm
 Robot Mass: 1049 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

J1.....136 °/s (2.37 rad/s)
 J2.....130 °/s (2.27 rad/s)
 J3.....120 °/s (2.09 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.....+155° - 120°
 J4.....±350°
 J5.....±125°
 J6.....±350°

Robot Controllers

[KUKA KR C4 >](#)

Robot Applications

- [Assembly Robots >](#)
- [Cutting Robots >](#)
- [Machine Loading Robots >](#)
- [Material Handling Robots >](#)
- [Meat Processing Automation >](#)
- [Order Picking Robots >](#)
- [Packaging Robots >](#)
- [Spot Welding Robots >](#)