

## KUKA KR 90 R2700 Pro



KUKA's KR 90 R2700 QUANTEC Pro offers the latest in compact, high payload industrial robots. This floor-mounted, six-axis robot can manipulate up to 90 kg and reach up to 2,700 mm. Although it's a high payload robot, the KUKA KR 90 R2700 Pro robot still maintains an impressive 0.06mm repeatability. The KR90 R2700 KR C4 pro's precise repeatability allows the robot arm to perform handling, welding, packaging, palletizing, and many other industrial applications with precision. The KR 90 R-2700 KR C4 pro's small footprint and reduced size give this robot superior reachability in hard to reach areas, such as corners and other tight spaces.

All of KUKA's new QUANTEC industrial robots feature the same footprint size and tool dimensions. This allows manufacturers the flexibility to change and upgrade robots and tooling as their needs and applications change.

For more information about the KUKA KR 90 R2700 Pro, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 90 kg  
 H-Reach:..... 2700 mm  
 Repeatability: ± 0.06 mm  
 Robot Mass: 1098 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

- Arc Welding Robots >
- Assembly Robots >
- Bonding / Sealing Robots >
- Coating Robots >
- Fiberglass Cutting Robots >
- Machine Tending Robots >
- Material Handling Robots >
- Meat Processing Automation >