

## KUKA KR 180 R2500 Extra



The 6 axis KUKA KR 180 R2500 Extra (KR QUANTEC EXTRA) provides an affordable option for companies in search of a robot that provides incredible amounts of flexibility and versatility. It has set new standards for precision, performance, energy efficiency, and availability, making it the perfect solution to your application's top needs.

The KR QUANTEC EXTRA is optimized for space-saving solutions and includes a variety of mounting options. This robot was designed to be robust, yet compact and streamlined, while offering a large payload (180 kg payload) and reach (2,500 mm reach). It will be paired with the KR C4 controller and will be the perfect addition to your production line.

For more information about the KUKA KR 180 R2500 Extra, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 180 kg  
 H-Reach:..... 2496 mm  
 Repeatability: ± 0.06 mm  
 Robot Mass: 1059 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor, Inverted

#### Robot Motion Speed

J1.....123 °/s (2.15 rad/s)  
 J2.....115 °/s (2.01 rad/s)  
 J3.....120 °/s (2.09 rad/s)  
 J4.....179 °/s (3.12 rad/s)  
 J5.....172 °/s (3 rad/s)  
 J6.....219 °/s (3.82 rad/s)

#### Robot Motion Range

J1.....±185°  
 J2.....+140° - 5°  
 J3.....+120° - 155°  
 J4.....±350°  
 J5.....±125°  
 J6.....±350°

#### Robot Controllers

KUKA KR C4 >

#### Robot Applications

Arc Welding Robots >

Coating Robots >

Machine Loading Robots >

Machine Tending Robots >

Material Handling Robots >

Order Picking Robots >

Packaging Robots >

Palletizing Robots >