

## KUKA KR 500 FORTEC



There are a few variants of the KR 500 to enable greater flexibility for the range of heavy duty tasks it can complete:

The KR 500 R2830 is the standard model; it has a 500 kg payload and 2826 mm reach.

The KR 420 R3080 has a 420 kg payload and up to 3076 mm reach.

The KR 340 R3330 can tackle up to 340 kg and handle a reach of 3326 mm.

The KR 500 R2830 MT (Machine Tooling) robot variant is used for heavy-duty milling applications; it can be used as a machine tool with an integrated milling spindle. It has a 500 kg payload and 2826 mm reach.

The KR 480 R3330 MT is just like the aforementioned version, but with a 480 kg payload and a longer reach of 3326 mm.

For more information about the KUKA KR 500 FORTEC, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 500 kg  
 H-Reach:..... 2826 mm  
 Repeatability: ± 0.08 mm  
 Robot Mass: 2385 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor

#### Robot Motion Speed

J1..... 90 °/s (1.57 rad/s)  
 J2..... 80 °/s (1.4 rad/s)  
 J3..... 75 °/s (1.31 rad/s)  
 J4..... 90 °/s (1.57 rad/s)  
 J5..... 83 °/s (1.45 rad/s)  
 J6..... 130 °/s (2.27 rad/s)

#### Robot Motion Range

J1..... ±185°  
 J2..... +20° - 130°  
 J3..... +144° - 100°  
 J4..... ±350°  
 J5..... ±120°  
 J6..... ±350°

#### Robot Controllers

**KUKA KR C4** >

#### Robot Applications

**Assembly Robots** >

**Coating Robots** >

**Cutting Robots** >

**Laser Welding Robots** >

**Machine Loading Robots** >

**Machine Tending Robots** >

**Material Handling Robots** >

**Material Removal Robots** >