

KUKA KR 500



The KUKA KR 500 robot arm is a heavy-duty industrial robot arm with a high payload and large work envelope. The Kuka heavy duty KR 500 KR C2 has enhanced features such as an extension of the reference load center distance, integrated energy supply, and a more efficient use of floorspace.

The KUKA KR 500 KR C2 is available as a ceiling-mounted arm, cleanroom arm, foundry arm, and ceiling-mounted foundry arm.

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

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 500 kg
H-Reach:..... 2836 mm
Repeatability: ± 0.15 mm
Robot Mass: 2350 kg
Structure: Articulated
Mounting: Floor, Inverted

Robot Motion Speed

J1.....69 °/s (1.2 rad/s)
J2.....69 °/s (1.2 rad/s)
J3.....69 °/s (1.2 rad/s)
J4.....77 °/s (1.34 rad/s)
J5.....76 °/s (1.33 rad/s)
J6.....120 °/s (2.09 rad/s)

Robot Motion Range

J1.....±185°
J2.....+110° - 40°
J3.....+60° - 184°
J4.....±350°
J5.....±118°
J6.....±350°

Robot Controllers

KUKA KR C2 >

Robot Applications

Assembly Robots > Machine Loading Robots >
Coating Robots > Material Handling Robots >
Fiberglass Cutting Robots > Order Picking Robots >
Foundry Robots > Packaging Robots >



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