

KUKA KR 180 PA



The KUKA KR 180 PA features powerful motors and high-performance gear units. Multiple pallets can be stacked with ease, allowing for fast stacking operations at up to 30 cycles per minute. The mass has been reduced on this arm through the use of carbon-fiber reinforcement. This increases the performance while reducing energy requirements.

The KUKA KR 180 PA KR C2 Arctic palletizing robot is part of an extensive line of palletizing robots that can handle challenging tasks. Created for extremely cold situations, this arm is reliable up to -30 degrees Celsius. The drive units and cables are protected without using a specialized protective suit. Additional heating elements are not required. The KR 180 KR C2 Arctic delivers precision reliability with the upmost reliability.

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

Robot Information

Robot Specifications

Axes:..... 4
Payload:..... 180 kg
H-Reach:..... 3200 mm
Repeatability: ± 0.05 mm
Robot Mass: 1200 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

J1.....105 °/s (1.83 rad/s)
J2.....105 °/s (1.83 rad/s)
J3.....105 °/s (1.83 rad/s)
J4.....300 °/s (5.24 rad/s)

Robot Motion Range

J1..... $\pm 185^\circ$
J2..... $+161^\circ - 19^\circ$
J4..... $\pm 350^\circ$

Robot Controllers

KUKA KR C2 >

Robot Applications

Machine Loading Robots > Order Picking Robots >
Material Handling Robots > Packaging Robots >
Meat Processing Automation > Palletizing Robots >