

Motoman MPK2



The Motoman MPK2 robot performs applications such as food handling, picking, and packing with high speeds and precise movements. The work area on this arm is generous and the payload capacity is increased to 4 kg when the T-axis is used in a wrist down position.

The MPK2 is a washdown ready robot, suitable for food and other applications requiring a clean environment. It is built with NSF-H1 certified grease for food applications. A hollow wrist and through-arm cabling reduces interference and maintenance. It features very fast axial speeds and acceleration times. It has a top wrist speed of 2,000 degrees per second. The compact DXM100 controller can be installed in tight spaces. It has the ability to control up to 8 robots and offers an extensive I/O suite that includes integral PLC and touch screen HMI.

For more information about the Motoman MPK2,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 5
 Payload:..... 2 kg
 H-Reach:..... 900 mm
 Repeatability:±0.5 mm
 Robot Mass: 55 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....320 °/s (5.59 rad/s)
 L-Axis.....330 °/s (5.76 rad/s)
 U-Axis.....330 °/s (5.76 rad/s)
 B-Axis.....380 °/s (6.63 rad/s)
 T-Axis....2000°/s (34.91 rad/s)

Robot Motion Range

S-Axis.....±170°
 L-Axis.....±120°
 U-Axis.....+282° - 102°
 B-Axis.....±150°
 T-Axis.....±270°

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