

Motoman MH80 II



The MH80 II is a six-axis robot with a high wrist rating of IP67 that provides an increased handling capacity with a payload up to 80 kg. In addition, the MH80 II is very reliable, with its high-speed motion, high-rigidity speed reducers, and cables routed through the base and upper arm, all of which help to increase robot life and safety, while also reducing the cycle times.

The MH80 II requires minimal floorspace as it offers a small interference zone combined with a wide work envelope. This enables the robot to be placed close to other workpieces or equipment. It can be mounted to the floor, wall, or ceiling and mounting for peripheral equipment is provided in multiple locations for easier integration.

For more information about the Motoman MH80 II, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 80 kg
 H-Reach:..... 2061 mm
 Repeatability:±0.07 mm
 Robot Mass: 555 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)
 L-Axis.....140 °/s (2.44 rad/s)
 U-Axis.....160 °/s (2.79 rad/s)
 R-Axis.....230 °/s (4.01 rad/s)
 B-Axis.....230 °/s (4.01 rad/s)
 T-Axis.....350 °/s (6.11 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+135° - 90°
 U-Axis.....+251° - 170°
 R-Axis.....±360°
 B-Axis.....±125°
 T-Axis.....±360°

Robot Controllers

DX200 >

Robot Applications

- Cutting >
- Dispensing >
- Machine Tending >
- Material Handling >
- Press Tending >