

Motoman HP50-80



The HP50-80 features a streamlined body, which allows it to be placed closer to machines, while also allowing it to fit into smaller spaces to perform its applications. With one of the widest work envelopes in its class, and a 80 kg payload, the HP50-80 has the versatility needed to integrate well into almost any shop.

With the swift motion from the Sigma motors, the HP50-80 is able to maintain a high rate of accuracy during operation, which improves the overall quality and productivity during the application it is completing.

For more information about the Motoman HP50-80,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 80 kg
 H-Reach:..... 1327 mm
 Repeatability:±0.07 mm
 Robot Mass: kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

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

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+135° - 90°
 U-Axis.....+251° - 145°
 R-Axis.....±360°
 B-Axis.....±110°
 T-Axis.....±360°

Robot Controllers

NX100 >

Robot Applications

Dispensing > Material Handling >
 Fiberglass Cutting > Material Removal >
 Machine Tending > Waterjet >