

Motoman MH110



The floor mounted MH110 is a high payload and high moment and inertia ratings robot. It can handle larger and heavier payloads, up to 110 kg, and has a great reach at 2,236 mm horizontal reach and 3,751 mm vertical reach. The MH110 is a powerful six-axis robot that has fast motion speeds to help reduce cycle times and high-rigidity speed reducers.

There is a slim wrist profile that allows the robot to be mounted closer to machines. The streamlined upper arm helps to reduce interference with a radius of only 491 mm, keeping the valuable floor space available. In addition, the cables and airlines are routed through the base to the upper arm, which ultimately helps to increase safety and cable life, and decrease teaching time.

For more information about the Motoman MH110, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 110 kg
 H-Reach:..... 2236 mm
 Repeatability:±0.07 mm
 Robot Mass: 625 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....140 °/s (2.44 rad/s)
 L-Axis.....110 °/s (1.92 rad/s)
 U-Axis.....130 °/s (2.27 rad/s)
 R-Axis.....175 °/s (3.05 rad/s)
 B-Axis.....175 °/s (3.05 rad/s)
 T-Axis.....255 °/s (4.45 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+155° - 90°
 U-Axis.....+160° - 185°
 R-Axis.....±360°
 B-Axis.....±125°
 T-Axis.....±360°

Robot Controllers

DX200 >

Robot Applications

Machine Tending >
 Material Handling >

Press Tending >