

Motoman MH50 II-20



The powerful MH50II-20 is a high speed robot that is perfect for arc welding, coating, dispensing, material cutting, and handling applications. It's built on reliability and guaranteed to reduce cycle times as it has high-rigidity speed reducers paired with high-speed motion. In addition, the 20 kg payload and high inertia ratings make this robot the perfect solution for your heavy duty and large workloads.

Cable and airline life are expected to be extended with the design that routes them through the robot base to the upper arm. There is also a cable installation tube in the robot base that enables the fieldbus to be routed to the upper arm or EOAT. These thoughtful designs also help to enhance safety and reduce teaching time.

For more information about the Motoman MH50 II-20, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 20 kg
 H-Reach:..... 3106 mm
 Repeatability:±0.15 mm
 Robot Mass: 495 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....180 °/s (3.14 rad/s)
 L-Axis.....178 °/s (3.11 rad/s)
 U-Axis.....178 °/s (3.11 rad/s)
 R-Axis.....400 °/s (6.98 rad/s)
 B-Axis.....400 °/s (6.98 rad/s)
 T-Axis.....600 °/s (10.47 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+135° - 90°
 U-Axis.....+251° - 160°
 R-Axis.....±190°
 B-Axis.....+230° - 50°
 T-Axis.....±360°

Robot Controllers

DX200 >

Robot Applications

Arc Welding >
 Coating >
 Cutting >
 Dispensing >

Machine Tending >
 Material Handling >
 Press Tending >