

Motoman MH165



Developed for material and part handling, the Motoman MH165 robot does just that. A vertical reach of 3,372 mm and a horizontal reach of 2,651 mm give this MH165 DX100 industrial robot a large work envelope perfect for transferring parts. End of arm tooling can be stored behind the robot because of its large work envelope. Combine that with a payload capacity of 165 kg, the Motoman MH165 DX100 robot can be used in a variety of heavy industrial settings.

Just because this robot is big doesn't mean it's sluggish. The Motoman MH165 robot is the fastest robot in its series. Axial speeds range from 110 degrees/second on the S- L- and U- axes to 240 degrees/second on the T-Axis. Cycle times are reduced, and throughput is increased.

For more information about the Motoman MH165,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 165 kg
 H-Reach:..... 2651 mm
 Repeatability:±0.2 mm
 Robot Mass: 1100 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....110 °/s (1.92 rad/s)
 L-Axis.....110 °/s (1.92 rad/s)
 U-Axis.....110 °/s (1.92 rad/s)
 R-Axis.....175 °/s (3.05 rad/s)
 B-Axis.....150 °/s (2.62 rad/s)
 T-Axis.....240 °/s (4.19 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+76° - 60°
 U-Axis.....+230° - 142.5°
 R-Axis.....±360°
 B-Axis.....±130°
 T-Axis.....±360°

Robot Controllers

DX100 >

Robot Applications

- Fiberglass Cutting >
- Machine Loading >
- Machine Tending >
- Material Handling >
- Packaging >
- Part Transfer >
- Pick and Place >