

Motoman MH215 II



The MH215 II is set to reduce cycle times with its high-rigidity speed reducers and high-speed motion. It has a slim wrist profile and streamlined upper arm design to help fit into confined spaces and can be mounted in close proximity to other machines. The cables of the Motoman MH215 II are routed through the robot base to upper arm to help increase their life, enhance safety, and reduce teaching time. The base of the robot offers a cable installation tube to help ease the fieldbus routing to the robot upper arm and/or gripper. Also, the MH215 II is pre-wired for a servo gripper which allows a wider range of product handling.

The MH215 II robot can tackle large parts and heavy payloads (up to 215 kg) and has a large work envelope that extends behind the robot. There is also up to 70% less power consumption during motion and 25% savings during idle periods compared to previous models.

**For more information about the Motoman MH215 II,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 215 kg
H-Reach:..... 2912 mm
Repeatability:±0.2 mm
Robot Mass: 1140 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....100 °/s (1.75 rad/s)
L-Axis.....90 °/s (1.57 rad/s)
U-Axis.....97 °/s (1.69 rad/s)
R-Axis.....120 °/s (2.09 rad/s)
B-Axis.....120 °/s (2.09 rad/s)
T-Axis.....190 °/s (3.32 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....+76° - 60°
U-Axis.....+230° - 142.5°
R-Axis.....±360°
B-Axis.....±125°
T-Axis.....±360°

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