

## Motoman MH250 II



The Motoman MH250 II is an optimized and very flexible robot, designed with fast axial speeds and acceleration to improve cycle times on the production line. This powerful MH250 II robot increases the overall production output while conquering tasks that require a payload up to 250 kg. The MH250 II's can tackle large parts and heavy payloads, while also reaching into confined spaces with its streamlined upper arm design. The large work envelope extends behind the robot, and the cables and airlines are routed through the robot base to the upper arm to help increase the cable life. This robot is ideal for "jigless" applications where robot position parts for processing by other robots.

The Motoman MH250 II is paired with the DX200 controller and the IP67-rated wrist and an IP54 body are standard the MH250 II robots.

For more information about the Motoman MH250 II,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 250 kg  
H-Reach:..... 2710 mm  
Repeatability:±0.2 mm  
Robot Mass: 1130 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.....90 °/s (1.57 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°

#### Robot Controllers

DX200 >

#### Robot Applications

Machine Tending >

Part Transfer >

Press Tending >