

## Motoman MH250



The Motoman MH250 robot can handle heavier parts and materials better than other robots in the Motoman MH series. This six-axis robot offers flexibility, even while handling materials weighing up to 250 kg. Maximum speed is just as fast as the lower payload MH robots. With its heavy payload, speed, and long reach, the Motoman MH250 DX100 robot generates faster production times and a more efficient process in material handling and parts transfer.

Motoman's new and used MH250 DX100 robot features an IP67 rated wrist that allows immersion in water up to one meter and complete protection from dust and contact with other materials. This enables the robot to perform a wider array of applications.

For more information about the Motoman MH250, 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.....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°

#### Robot Controllers

DX100 >

#### Robot Applications

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