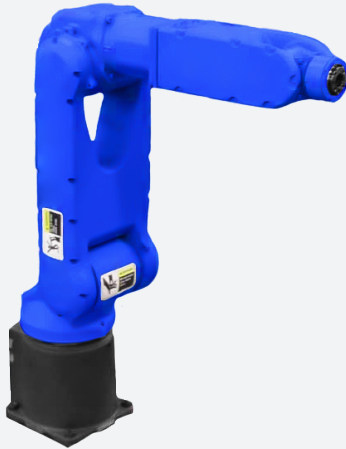


## Motoman MH5



The Motoman MH5 robot arm is an economical solution to robot integration in small spaces. This powerful, compact MH5 robot arm offers a large work envelope and impressive 5 kg payload. It automatically adjusts for optimal performance based on payload requirements, even those less than 1 kg. The small footprint of the MH5 reduces installation requirements.

Advanced features, such as built-in collision avoidance and multiple robot control, make the Motoman MH5 an ideal solution for many applications. Internally routed cables and hoses maximize system reliability and reduce interference. The MH5 is available with either the Motoman DX100, the DXM100, or the NXM100.

For more information about the Motoman MH5, contact a Robotworx representative today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 6  
 Payload:..... 5 kg  
 H-Reach:..... 706 mm  
 Repeatability:±0.02 mm  
 Robot Mass: 27 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor, Inverted, Angle

### Robot Motion Speed

S-Axis.....376 °/s (6.56 rad/s)  
 L-Axis.....350 °/s (6.11 rad/s)  
 U-Axis.....400 °/s (6.98 rad/s)  
 R-Axis.....450 °/s (7.85 rad/s)  
 B-Axis.....450 °/s (7.85 rad/s)  
 T-Axis.....720 °/s (12.57 rad/s)

### Robot Motion Range

S-Axis.....±170°  
 L-Axis.....+150° - 65°  
 U-Axis.....+255° - 136°  
 R-Axis.....±190°  
 B-Axis.....±125°  
 T-Axis.....±360°

### Robot Controllers

DX100 >  
 DXM100 >  
 NXM100 >

### Robot Applications

Assembly >                      Machine Tending >  
 Dispensing >                      Material Handling >  
 Injection Molding >                      Packaging >