

Motoman MH5S



The Motoman MH5S has the widest work envelope in its class. With a 706mm reach and +/-0.02 mm repeatability, the Motoman MH5S offers high performance in material handling, assembly, machine tending, dispensing, and welding applications. The MH5S offers a 5 kg payload and has built-in collision avoidance that allows it to work together with up to 8 robots to produce the highest production performance.

For more information about the Motoman MH5S,
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.....±135°
T-Axis.....±360°

Robot Controllers

DXM100 >
MLX100 >

Robot Applications

Assembly > Welding Automation >
Dispensing >
Machine Tending >
Material Handling >