

Motoman MH5L



The extended reach Motoman MH5L is a high-speed, compact version of the MH5, while still having a longer reach, which gives this "little" robot the widest work envelope in its class. It can be paired with the DXM100 or the NXM100 controller.

This robot is engineered to be small and versatile. The design of the MH5L allows it optimize performance while taking up very little space. It is also economical, because it requires only a minimal initial investment, which also means that when performance is maximized, the MH5L from Motoman can have a quick ROI.

Another advantage of the MH5L is the internally routed cabling, which cuts down on wear and tear, while also lowering the cost of your robot over its lifetime.

**For more information about the Motoman MH5L,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **5 kg**
H-Reach:..... **895 mm**
Repeatability: **±0.03 mm**
Robot Mass: **29 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

S-Axis.....**376 °/s (6.56 rad/s)**
L-Axis.....**280 °/s (4.89 rad/s)**
U-Axis.....**300 °/s (5.24 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° - 138°**
R-Axis.....**±190°**
B-Axis.....**±125°**
T-Axis.....**±360°**

Robot Controllers

DXM100 >
NXM100 >

Robot Applications

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