

Motoman HP3L



The compact design of the Motoman HP3L allows for it to be floor, wall, or ceiling-mounted. With an 859 mm reach, this robot features the largest working envelope in its class. The HP3L NX100 features an extended reach and the advanced NX100 controller.

There are many other advantages to the new and used HP3L including its optimum operating range, and the load increase that is present on this HP series model. This robot also has a rapid travel speed that means a decrease in cycle times and fast positioning during the application process.

For more information about the Motoman HP3L,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **3 kg**
H-Reach:..... **859 mm**
Repeatability: **±0.04 mm**
Robot Mass: **49 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

S-Axis.....**250 °/s (4.36 rad/s)**
L-Axis.....**180 °/s (3.14 rad/s)**
U-Axis.....**225 °/s (3.93 rad/s)**
R-Axis.....**375 °/s (6.54 rad/s)**
B-Axis.....**375 °/s (6.54 rad/s)**
T-Axis.....**500 °/s (8.73 rad/s)**

Robot Motion Range

S-Axis.....**±170°**
L-Axis.....**+150° - 45°**
U-Axis.....**+235° - 144°**
R-Axis.....**±190°**
B-Axis.....**±125°**
T-Axis.....**±360°**

Robot Controllers

NX100 >
NXC100 >
NXM100 >

Robot Applications

Arc Welding > **Material Handling** >
Dispensing >