

Motoman HP3LC



The Motoman HP3LC is the long arm version of the HP3C NX100 robot. With an extended reach of 859 mm, the HP3LC NX 100 offers the widest work envelope in its class.

With the long reach available on the HP3LC and the compact body design, the robot is able to reach into tighter spaces, while still keeping up its speed and accuracy. The HP3LC is a great choice for small part handling applications like assembly and packaging, while also being well suited for machine tending and dispensing applications.

The HP 3LC also features an NXC100 controller from Motoman, a compact controller that offers unmatched memory and sturdy construction, while taking up minimal space, much like the robot it controls.

**For more information about the Motoman HP3LC,
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.....**+210° - 142°**
R-Axis.....**±190°**
B-Axis.....**±125°**
T-Axis.....**±360°**

Robot Controllers

NX100 >

Robot Applications

Machine Tending >

Material Handling >

Packaging >