

## Motoman HP6T



Designed specifically for invert mounting, the Motoman HP6T robot is perfect for applications such as material handling, arc welding, machine tending, packaging, and dispensing. HP6T NX100 robots feature a 6 kg payload, a long reach of 1,078 mm, and a slim base design which allows the robot to be placed closer to workpieces. The path control and reduction in vibration, through use of the NX100 controller, allow the HP6T to perform smoothly and efficiently.

The HP6T, like many robots in the HP series, are IP67 rated, which means they have waterproof and dustproof coatings on their arm and wrist, making these versions perfect for harsh environments.

For more information about the Motoman HP6T,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 6 kg  
H-Reach:..... 1078 mm  
Repeatability:±0.08 mm  
Robot Mass: kg  
Structure: ..... Articulated  
Mounting: ..... Inverted

#### Robot Motion Speed

S-Axis.....150 °/s (2.62 rad/s)  
L-Axis.....160 °/s (2.79 rad/s)  
U-Axis.....170 °/s (2.97 rad/s)  
R-Axis.....340 °/s (5.93 rad/s)  
B-Axis.....340 °/s (5.93 rad/s)  
T-Axis.....520 °/s (9.08 rad/s)

#### Robot Motion Range

S-Axis.....±170°  
L-Axis.....+155° - 90°  
U-Axis.....+110° - 270°  
R-Axis.....±180°  
B-Axis.....+225° - 45°  
T-Axis.....±360°

#### Robot Controllers

NX100 >

#### Robot Applications

Arc Welding >

Dispensing >

Machine Tending >

Material Handling >

Packaging >