

## Motoman HP20T



The Motoman HP20T robot, designed specifically for invert-mounting, offers the widest work envelope in its class. Its slim design allows it to be placed in close proximity to workpieces. Special collision avoidance features allow up to four HP20T NX100 robots to work together, leading to greater productivity.

HP20T robots are controlled by a NX100 controller. The NX100 features multiple robot control capabilities to reduce costs and eliminate the possibility of robot collisions. It is able to control up to four robots at one time and features easy-to-use INFORM III programming.

For more information about the Motoman HP20T,  
contact a Robotworx representative today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 6  
Payload:..... 20 kg  
H-Reach:..... 1717 mm  
Repeatability:±0.06 mm  
Robot Mass: 280 kg  
Structure: ..... Articulated  
Mounting: ..... Inverted

### Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)  
L-Axis.....170 °/s (2.97 rad/s)  
U-Axis.....175 °/s (3.05 rad/s)  
R-Axis.....355 °/s (6.2 rad/s)  
B-Axis.....345 °/s (6.02 rad/s)  
T-Axis.....525 °/s (9.16 rad/s)

### Robot Motion Range

S-Axis.....±180°  
L-Axis.....+155° - 110°  
U-Axis.....+105° - 225°  
R-Axis.....±200°  
B-Axis.....+230° - 50°  
T-Axis.....±360°

### Robot Controllers

NX100 >

### Robot Applications

Dispensing >

Fiberglass Cutting >

Machine Tending >

Material Handling >

Material Removal >

Packaging >