

## Motoman HP200



The Motoman HP200 sets the standard for versatility in the large robot marketplace. This high-speed robot offers minimal footprint and superior performance in heavy payload handling applications. The used Motoman HP200 is also available at RobotWorx. Any used HP200 has undergone RobotWorx' very intense refurbishment process and includes the RobotWorx Value Package. Buying a used robot is a great way to save on initial investment costs.

The HP200 NX100 has a powerful design with Motoman's patented multiple robot controller, which allows the robot to be used as a 6-axis part positioner to achieve unmatched flexibility. The work envelope of the HP200 extends behind the body, allowing tools to be placed at the back and providing easy access to tools for maintenance.

**For more information about the Motoman HP200,  
contact a Robotworx representative today at 740-251-4312.**

## Robot Information

### Robot Specifications

Axes:..... **6**  
Payload:..... **200 kg**  
H-Reach:..... **2651 mm**  
Repeatability: **±0.2 mm**  
Robot Mass: **1130 kg**  
Structure: ..... **Articulated**  
Mounting: ..... **Floor**

### Robot Motion Speed

S-Axis.....**95 °/s (1.66 rad/s)**  
L-Axis.....**85 °/s (1.48 rad/s)**  
U-Axis.....**95 °/s (1.66 rad/s)**  
R-Axis.....**115 °/s (2.01 rad/s)**  
B-Axis.....**110 °/s (1.92 rad/s)**  
T-Axis.....**190 °/s (3.32 rad/s)**

### Robot Motion Range

S-Axis.....**±180°**  
L-Axis.....**+76° - 60°**  
U-Axis.....**+230° - 142.5°**  
R-Axis.....**±360°**  
B-Axis.....**±125°**  
T-Axis.....**±360°**

### Robot Controllers

**NX100 >**

### Robot Applications

**Assembly >**  
**Fiberglass Cutting >**  
**Machine Loading >**  
**Material Handling >**  
**Palletizing >**  
**Resistance Welding >**  
**Spot Welding >**