

## Motoman HP50-20



The Motoman HP50-20 is a dynamic, high-speed robot featuring an extended reach. This makes it ideal for processing large parts. It offers superior performance in arc welding, coating, dispensing, and material cutting applications. In many cell layouts, the HP50-20 NX100 robot has an extended reach eliminates the need for external axis tracks. This reduces the system cost and simplifies programming.

The used Motoman HP50-20 robot is also available through RobotWorx. RobotWorx representatives spend a lot of time and meticulous effort reconditioning the robots and bring them back to mint condition. The used Motoman HP50-20 robot will include the RobotWorx Value Package and help you save on initial investment costs.

For more information about the Motoman HP50-20,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 20 kg  
H-Reach:..... 3106 mm  
Repeatability:±0.15 mm  
Robot Mass: 495 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)  
L-Axis.....170 °/s (2.97 rad/s)  
U-Axis.....170 °/s (2.97 rad/s)  
R-Axis.....335 °/s (5.85 rad/s)  
B-Axis.....335 °/s (5.85 rad/s)  
T-Axis.....510 °/s (8.9 rad/s)

#### Robot Motion Range

S-Axis.....±180°  
L-Axis.....+135° - 90°  
U-Axis.....+251° - 160°  
R-Axis.....±190°  
B-Axis.....+230° - 50°  
T-Axis.....±360°

#### Robot Controllers

NX100 >

#### Robot Applications

Dispensing >  
Fiberglass Cutting >  
Machine Tending >

Material Handling >  
Waterjet >