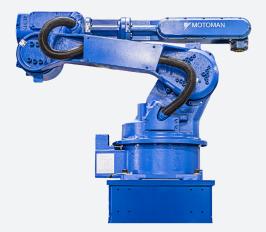




# Motoman HP20-6



The Motoman HP20-6 is a dynamic, high speed robot with a compact design and built-in collision avoidance. The Motoman HP 20-6 NX100 is compact and requires minimal installation space. It also offers the widest working envelope in its class. This versatile high-speed industrial robot has a slim base, waist, and arm. This design allows the robot to be placed close to the workpiece holding fixtures to improve part accessibility.

The HP20-6 Motoman robot features the advanced NX100 Controller. This high-performance controller uses the user-friendly INFORM III programming language. The NX100 offers unmatched multiple robot control capabilities that minimizes the cost of integration and eliminates the risk of robot collisions.

> For more information about the Motoman HP20-6, contact a Robotworx representative today at 740-251-4312.

## **Robot Information**

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Axes:..... 6

Payload:..... 6 kg

H-Reach:..... 1915 mm

Repeatability: ±0.06 mm

Robot Mass: 285 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.....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.....+255° - 165°

R-Axis.....±200°

B-Axis.....+230° - 150°

T-Axis.....±360°

#### **Robot Controllers**

NX100 >

### **Robot Applications**

Arc Welding >

Drilling >

Grinding >

Machine Tending >

Material Handling >

Packaging >

Pick and Place >

Plasma Cutting >