

Motoman HP20D



The Motoman HP20D was created with speed and flexibility in mind. Excellent repeatability and high moment of inertia ratings give the HP20D outstanding performance and allow it to cater to a wide range of applications. RobotWorx also offers a variety of used robots including the used Motoman HP20D. The used HP20D goes through a very meticulous refurbishment process and includes the RobotWorx Value Package.

The small interference radius of this robot arm reduces the floor space requirements and contributes to the versatility of the HP20D DX100. A slim base, waist, and arm mean the robot can be placed very close to the work-piece holding fixtures. Built-in collision avoidance features enhance productivity and ease programming for multiple robots.

For more information about the Motoman HP20D,
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: 268 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....197 °/s (3.44 rad/s)
L-Axis.....175 °/s (3.05 rad/s)
U-Axis.....187 °/s (3.26 rad/s)
R-Axis.....400 °/s (6.98 rad/s)
B-Axis.....400 °/s (6.98 rad/s)
T-Axis.....600 °/s (10.47 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....+155° - 100°
U-Axis.....+255° - 165°
R-Axis.....±200°
B-Axis.....+230° - 50°
T-Axis.....±360°

Robot Controllers

DX100 >

Robot Applications

Cutting >

Dispensing >

Fiberglass Cutting >

Machine Tending >

Material Handling/Removal >

Milling >

Packaging >

Plasma Cutting >