

Motoman IA20



Featuring a space-saving design and 7 axes of motion, the Motoman IA20 robot is capable of a wide variety of applications. A 20 kg payload and best-in-class wrist performance makes the Motoman IA20 NX100 ideal for challenging material handling tasks.

RobotWorx also offers a variety of used robots including the reconditioned Motoman IA20. The used IA20 offers all of the benefits of a new robot, at a reduced cost. All of the used Motoman IA20 robots go through an intense reconditioning process and include the RobotWorx Value Package.

For more information about the Motoman IA20,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 7
Payload:..... 20 kg
H-Reach:..... 910 mm
Repeatability:±0.1 mm
Robot Mass: 120 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....130 °/s (2.27 rad/s)
L-Axis.....130 °/s (2.27 rad/s)
U-Axis.....170 °/s (2.97 rad/s)
R-Axis.....170 °/s (2.97 rad/s)
B-Axis.....300 °/s (5.24 rad/s)
T-Axis.....300 °/s (5.24 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....±125°
U-Axis.....±180°
R-Axis.....±125°
B-Axis.....±180°
T-Axis.....±120°

Robot Controllers

NX100 >

Robot Applications

Assembly >

Machine Tending >

Material Handling >

Packaging >

Part Transfer >