

## Motoman DA20



The Motoman DA20 robot offers 13 axes of motion (six in each arm and one single axis for base rotation), resulting in human-like movements. With a 20 kg payload for each arm, the DA20 NX100 is perfect for applications such as assembly, machine tending, packaging, and other material handling tasks.

The Motoman DA20 NX100 robot is controlled by a Motoman NX100 robot controller that directs movement of each axes of the robot.

For more information about the Motoman DA20,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 13  
Payload:..... 20 kg  
H-Reach:..... 765 mm  
Repeatability:±0.1 mm  
Robot Mass: 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.....300 °/s (5.24 rad/s)  
B-Axis.....300 °/s (5.24 rad/s)  
T-Axis.....580 °/s (10.12 rad/s)

#### Robot Motion Range

S-Axis.....+190° - 80°  
L-Axis.....+230° - 30°  
U-Axis.....+215° - 35°  
R-Axis.....±180°  
B-Axis.....±120°  
T-Axis.....±180°

#### Robot Controllers

NX100 >

#### Robot Applications

Assembly >

Machine Tending >

Material Handling >

Packaging >

Part Transfer >