

## Motoman DIA10



The Motoman DIA10 robot is designed with two arms, each with the capability of handling a 10 kg payload. The arms can work separately, greatly increasing productivity, or they can work together and double their handling ability for heavier tasks.

Each arm on the Motoman DIA10 NX100 is designed with 7 axes of motion and "human-like" flexibility, making the DIA10 NX100 robot ideal for a wide variety of machine tending, assembly, part transfer, and other handling applications.

For more information about the Motoman DIA10,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 15  
Payload:..... 10 kg  
H-Reach:..... 1100 mm  
Repeatability:±0.1 mm  
Robot Mass: 220 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.....250 °/s (4.36 rad/s)  
B-Axis.....250 °/s (4.36 rad/s)  
T-Axis.....500 °/s (8.73 rad/s)

#### Robot Motion Range

S-Axis.....±180°  
L-Axis.....±120°  
U-Axis.....±130°  
R-Axis.....±180°  
B-Axis.....±100°  
T-Axis.....±180°

#### Robot Controllers

NX100 >

#### Robot Applications

3D Laser Vision >

Assembly >

Machine Tending >

Material Handling >

Packaging >

Part Transfer >

Vision >