

Motoman UP50



The Motoman UP50 is a high-speed robot with a streamlined body that requires minimal installation space. The UP50 offers superior performance in applications such as machine tending, handling, and material removal.

The flexible UP50 NX100 can be placed close to machine for loading or unloading parts. Advanced Sigma motors provide smooth, swift motion on demand. A wide working envelope and high reliability make this an ideal robot for factory automation.

The Motoman UP50 NX100 is available with the advanced XRC controller and easy-to-use INFORM II programming.

For more information about the Motoman UP50,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 50 kg
H-Reach:..... 2046 mm
Repeatability: ±0.07 mm
Robot Mass: 550 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

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.....350 °/s (6.11 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....+135° - 90°
U-Axis.....+280° - 160°
R-Axis.....±360°
B-Axis.....±125°
T-Axis.....±360°

Robot Controllers

XRC >

Robot Applications

Appliance Automation >
Cutting >
Fiberglass Cutting >
Flux Cored Welding >

Laser Cutting >
Material Handling >
Plasma Cutting >
Press Tending >