

Motoman DX1350D



Motoman's DX1350D robot offers high wrist torque and 35kg maximum payload, specifically designed for use in material removal and finishing applications. With three wrist axes ranging in motion from +/-125 degrees to +/-360 degrees and speed from 270 degrees/second to 460 degrees/second, the Motoman DX1350D's wrist torque is well-suited for polishing, deburring, and other finishing processes and is rated highest in its class. The wrist does not require a protective jacket because it is IP67-rated.

The Motoman DX1350D DX100 robot also includes an arm with exceptional reach. The arm can reach behind itself to change tooling, is extraordinarily stiff, and features 0.06 mm repeatability. Each of the six axes on the Motoman DX1350D robot has brakes to increase worker safety.

For more information about the Motoman DX1350D,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 35 kg
H-Reach:..... 1355 mm
Repeatability:±0.06 mm
Robot Mass: 275 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.....270 °/s (4.71 rad/s)
B-Axis.....270 °/s (4.71 rad/s)
T-Axis.....460 °/s (8.03 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....+145° - 50°
U-Axis.....+220° - 140°
R-Axis.....±200°
B-Axis.....±125°
T-Axis.....±360°

Robot Controllers

DX100 >

Robot Applications

Deburring > Polishing >
Grinding > Routing >
Material Removal > Sanding >
Milling > Spindling >