

Motoman MC2000 II



The design of the MC2000 II incorporates high amounts of speed, power, and rigidity. The MC2000 II also has a high payload at up to 50 kg and an incredibly precise path accuracy that can be reached within +/- 0.1 mm - +/- 0.03, depending on the application. The axial speeds are fast and help to reduce cycle times and increase production output.

The small footprint, DX200 controller connections located on the backside, and the advanced collision avoidance features enable up to eight robots (72 axes) to be used together.

Software options allow shapes such as circles, rectangles, ellipses, pentagons, and hexagons to be supported and programmed by a single point. It is now easy to see why the MC200 II is a great solution to your next automation project.

**For more information about the Motoman MC2000 II,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **50 kg**
H-Reach:..... **2038 mm**
Repeatability: **±0.07 mm**
Robot Mass: **845 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

S-Axis.....**150 °/s (2.62 rad/s)**
L-Axis.....**150 °/s (2.62 rad/s)**
U-Axis.....**150 °/s (2.62 rad/s)**
R-Axis.....**250 °/s (4.36 rad/s)**
B-Axis.....**250 °/s (4.36 rad/s)**
T-Axis.....**250 °/s (4.36 rad/s)**

Robot Motion Range

S-Axis.....**±180°**
L-Axis.....**+135° - 90°**
U-Axis.....**+235° - 158°**
R-Axis.....**±360°**
B-Axis.....**±125°**
T-Axis.....**±360°**

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