

Motoman MC2000



The Motoman MC2000 "Master Cut" robot is designed with precision to perform high accuracy laser cutting for small holes and sharp corners. The MC2000 robot can also perform laser welding and dispensing applications. The Motoman MC2000 comes with the advanced DX100 controller and has a 50 kg payload. Its slim base, waist, and arm allow it to fit in narrow spaces. It has Formcut software that automates path generation for multiple shapes, allowing it to easily customize to your specific needs. If you are looking for an advanced, accurate welding, cutting, and dispensing robot, the Motoman MC2000 DX100 is a great choice.

For more information about the Motoman MC2000,
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: 250 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° - 60°
U-Axis.....+235° - 157°
R-Axis.....±360°
B-Axis.....±125°
T-Axis.....±360°

Robot Controllers

DX100 >

Robot Applications

Cutting >

Dispensing >

Laser Welding >

Welding Automation >