

Motoman MA1400



The fastest robot in its class, the MA1400 Motoman welding robot features cutting-edge motors and ARM control. The Sigma V AC servo motors allow for advanced control that significantly reduces welding cycle time. A 3 kg payload and generous 1434 mm reach increase the productivity of the Motoman MA1400 DX100.

MA1400 DX100 Motoman welding robots include through-arm cabling to extend cable life and reduce interference. The MA1400 is designed to reach into tight spots with ease.

For more information about the Motoman MA1400,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 3 kg
H-Reach:..... 1434 mm
Repeatability:±0.08 mm
Robot Mass: 130 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....200 °/s (3.49 rad/s)
L-Axis.....200 °/s (3.49 rad/s)
U-Axis.....220 °/s (3.84 rad/s)
R-Axis.....410 °/s (7.16 rad/s)
B-Axis.....410 °/s (7.16 rad/s)
T-Axis.....610 °/s (10.65 rad/s)

Robot Motion Range

S-Axis.....±170°
L-Axis.....+155° - 90°
U-Axis.....+190° - 175°
R-Axis.....±150°
B-Axis.....+180° - 45°
T-Axis.....±200°

Robot Controllers

DX100 >

Robot Applications

Arc Welding >

Laser Welding >

Mig Welding >

Plasma Welding >

Tig Welding >