

Motoman SSA2000



The Motoman SSA2000 is a high speed, industrial robot made for tough arc welding applications. SSA2000 NX100 robot's streamlined body design gives improved part access, making the robot ideal for applications that involve access to work on pieces in tight spots. Axes speed is increased up to 40 percent, increasing cycle time and making the SSA2000 Motoman welding robot the fastest in its class.

SSA2000 NX100 Motoman welding robotics features the advanced Motoman NX100 controller with easy to use INFORM III programming and the capability of controlling up to four robots at once. This minimizes integration cost and the risk of robot collisions. Motoman SSA2000T variant available.

For more information about the Motoman SSA2000,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 3 kg
H-Reach:..... 1390 mm
Repeatability:±0.08 mm
Robot Mass: 130 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....210 °/s (3.67 rad/s)
L-Axis.....190 °/s (3.32 rad/s)
U-Axis.....210 °/s (3.67 rad/s)
R-Axis.....400 °/s (6.98 rad/s)
B-Axis.....400 °/s (6.98 rad/s)
T-Axis.....600 °/s (10.47 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

NX100 >

Robot Applications

Arc Welding >
Plasma Welding >