

Motoman SV3



This compact robot is a high speed system that requires minimal installation space, making the SV3 ideal for mounting on a table, track, or platform. The SV3 works well for small part applications such as assembly, packaging, material handling, machine tending, and arc welding. The SV3 can use the JRC, MRC, or XRC controller.

For more information about the Motoman SV3, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 3 kg
 H-Reach:..... 677 mm
 Repeatability: ±0.03 mm
 Robot Mass: 30 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....210 °/s (3.67 rad/s)
 L-Axis.....170 °/s (2.97 rad/s)
 U-Axis..... 225 °/s (3.93 rad/s)
 R-Axis.....300 °/s (5.24 rad/s)
 B-Axis.....300 °/s (5.24 rad/s)
 T-Axis.....420 °/s (7.33 rad/s)

Robot Motion Range

S-Axis.....±170°
 L-Axis.....+150° - 45°
 U-Axis.....+190° - 70°
 R-Axis.....±180°
 B-Axis.....±135°
 T-Axis.....±350°

Robot Controllers

JRC >
 MRC >
 XRC >

Robot Applications

Arc Welding > Material Handling >
 Dispensing > Pick and Place >