

Motoman SV3XL



The Motoman SV3XL features the advanced XRC controller and an extended reach of 795 mm for added flexibility. The SV3XL XRC can handle tough applications such as material handling, assembly, packaging, machine tending, and arc welding.

This smaller robot is great for working with smaller parts. With its versatility to perform several different material handling applications, as well as arc welding applications, the SV3XL is a perfect choice for manufacturers who are looking to maximize functionality while cutting down on equipment costs.

For more information about the Motoman SV3XL,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 3 kg
 H-Reach:..... 795 mm
 Repeatability: ±0.03 mm
 Robot Mass: 35 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....150 °/s (2.62 rad/s)
 L-Axis.....120 °/s (2.09 rad/s)
 U-Axis.....195 °/s (3.4 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

XRC >

Robot Applications

Arc Welding >

Assembly >

Material Handling >