

Motoman SP100-160



The Motoman SP100-160 features a large 160kg payload capacity for heavy-duty palletizing applications. The SP100-160 XRC increases throughput and quality in any manufacturing setting. The heavy-duty lifting capacity of the new and used SP100-160 allows manufacturers to move human workers to more skill-necessary job, with one robot being able to lift products that may have taken 2-4 human workers previously. This streamlines the palletizing process and speeds up the time it takes to prepare products for transport.

For more information about the Motoman SP100-160, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 4
 Payload:..... 160 kg
 H-Reach:..... 3291 mm
 Repeatability: ±0.5 mm
 Robot Mass: 1900 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....90 °/s (1.57 rad/s)
 L-Axis.....90 °/s (1.57 rad/s)
 U-Axis.....90 °/s (1.57 rad/s)
 T-Axis.....200 °/s (3.49 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+90° - 45°
 U-Axis.....+10° - 90°
 T-Axis.....±350°

Robot Controllers

XRC >

Robot Applications

Material Handling >
 Palletizing >

Pick and Place >