

Motoman SK45



With a load capacity of 45 kg, the Motoman SK45 has six axes of motion that can be used for a variety of arc welding and handling applications.

The speed of the SK45 makes it a wonderful addition to any production line. By integrating a used SK45, a manufacturer's productivity will be enhanced several times over manual applications. This level of functionality allows companies to finish orders faster and possibly grow its business over time.

The new and used Motoman SK45 has a durable cycloidal wrist design that is fully functional with a MRC or XRC Controller.

For more information about the Motoman SK45,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 45 kg
H-Reach:..... 1787 mm
Repeatability: ± 0.15 mm
Robot Mass: 600 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.....155 °/s (2.71 rad/s)
R-Axis.....240 °/s (4.19 rad/s)
B-Axis.....240 °/s (4.19 rad/s)
T-Axis.....340 °/s (5.93 rad/s)

Robot Motion Range

S-Axis..... $\pm 180^\circ$
L-Axis..... $+150^\circ$ - 90°
U-Axis..... $+145^\circ$ - 120°
R-Axis..... $\pm 350^\circ$
B-Axis..... $\pm 125^\circ$
T-Axis..... $\pm 350^\circ$

Robot Controllers

MRC >
XRC >

Robot Applications

Arc Welding > Grinding >
Deburring > Machine Tending >
Dispensing > Material Handling >
Fiberglass Cutting > Meat Processing Automation >