

Motoman K6



The Motoman K6 has little competition, with versatility placing it in a class of its own in flexible automation.

The Motoman K6 is designed for a wide variety of arc welding and material handling applications. It has a load capacity of 6 kg, weighs 180 kg, has six axes of motion, and is functional with the MRC/ERC Controller. These qualities make the K-6 ideal for your factory room floor. This robot model is also known as the Motoman K6SB.

The Motoman K6MS features an optional extended reach of 1775 mm. The K6 can use the ERC or MRC controller.

For more information about the Motoman K6,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 6 kg
H-Reach:..... 1322 mm
Repeatability:±0.1 mm
Robot Mass: 180 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....110 °/s (1.92 rad/s)
L-Axis.....90 °/s (1.57 rad/s)
U-Axis.....110 °/s (1.92 rad/s)
R-Axis.....240 °/s (4.19 rad/s)
B-Axis.....240 °/s (4.19 rad/s)
T-Axis.....400 °/s (6.98 rad/s)

Robot Motion Range

S-Axis.....±340°
L-Axis.....±240°
U-Axis.....±270°
R-Axis.....±360°
B-Axis.....±270°
T-Axis.....±400°

Robot Controllers

ERC >
MRC >

Robot Applications

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