

## Motoman SK16-6



Dispensing, material handling, and arc welding are all done with ease by the Motoman SK16-6. The SK 16-6 offers a wide work envelope, 6 axes of motion, and a payload capacity of up to 6 kg.

Able to run the gamut of robot applications makes the SK16-6 an attractive robot model for a variety of industries, including the automotive, aerospace, electronics, and consumer goods industries. When a robot like the SK16-6 is able to perform a wide range of applications, it gives manufacturers the versatility to use it in different capacities, while also cutting down on the need for other systems and machinery.

The SK16-6 can use an MRC or XRC controller.

For more information about the Motoman SK16-6,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 6 kg  
H-Reach:..... 1775 mm  
Repeatability:  $\pm 0.1$  mm  
Robot Mass: 280 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....140 °/s (2.44 rad/s)  
L-Axis.....140 °/s (2.44 rad/s)  
U-Axis.....140 °/s (2.44 rad/s)  
R-Axis.....300 °/s (5.24 rad/s)  
B-Axis.....300 °/s (5.24 rad/s)  
T-Axis.....400 °/s (6.98 rad/s)

#### Robot Motion Range

S-Axis..... $\pm 170^\circ$   
L-Axis..... $+150^\circ$  -  $90^\circ$   
U-Axis..... $+150^\circ$  -  $110^\circ$   
R-Axis..... $\pm 180^\circ$   
B-Axis..... $\pm 135^\circ$   
T-Axis..... $\pm 350^\circ$

#### Robot Controllers

MRC >  
XRC >

#### Robot Applications

Arc Welding >      Material Handling >  
Dispensing >