

## Motoman SIA10F



The versatile Motoman SIA10F has compact, lean design and can handle up to a 10 kg payload. The Motoman SIA10F robot comes with the FS100 controller and cables that are routed through the arm.

This SIA series robot has 7 axes and can perform a variety of applications including assembly, part transfer, and packaging. The SIA10F has a compact design that allows for versatility in layout, while also allowing it to work in tight spaces, near existing structures or machinery. The FS100, a small, compact controller, only adds to that versatility.

The Motoman SIA10F FS100 is an excellent addition to the work floor with the power and intelligence to improve productivity for any shop.

**For more information about the Motoman SIA10F,  
contact a Robotworx representative today at 740-251-4312.**

## Robot Information

### Robot Specifications

Axes:..... 7  
Payload:..... 10 kg  
H-Reach:..... 720 mm  
Repeatability:±0.1 mm  
Robot Mass: 60 kg  
Structure: ..... Articulated  
Mounting: ..... Floor, Inverted, Angle

### Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)  
L-Axis.....170 °/s (2.97 rad/s)  
U-Axis.....170 °/s (2.97 rad/s)  
R-Axis.....170 °/s (2.97 rad/s)  
B-Axis.....200 °/s (3.49 rad/s)  
T-Axis.....200 °/s (3.49 rad/s)

### Robot Motion Range

S-Axis.....±180°  
L-Axis.....±110°  
U-Axis.....±170°  
R-Axis.....±135°  
B-Axis.....±180°  
T-Axis.....±110°

### Robot Controllers

FS100 >

### Robot Applications

Assembly >

Injection Molding >

Machine Tending >

Packaging >

Part Transfer >