

Motoman SIA5F



The Motoman SIA5F is a compact, lean, 7-axis robot arm that is ideal for assembly and packaging applications. The Motoman SIA5F comes equipped with the FS100 controller and has a 5 kg payload.

This fast and efficient robot arm can be mounted on the floor, wall or ceiling, taking up minimal work space. The versatile mounting options give manufacturers the ability to plan their layout design around existing structures. Also, with human-like flexibility and the ability to use the SIA5F in almost any environment, manufacturers can expect to see enhanced productivity and savings on labor costs.

For more information about the Motoman SIA5F,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 7
Payload:..... 5 kg
H-Reach:..... 559 mm
Repeatability:±0.06 mm
Robot Mass: 30 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....200 °/s (3.49 rad/s)
L-Axis.....200 °/s (3.49 rad/s)
U-Axis.....200 °/s (3.49 rad/s)
R-Axis.....200 °/s (3.49 rad/s)
B-Axis.....200 °/s (3.49 rad/s)
T-Axis.....230 °/s (4.01 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....±110°
U-Axis.....±170°
R-Axis.....+115° - 90°
B-Axis.....±180°
T-Axis.....±110°

Robot Controllers

FS100 >

Robot Applications

Assembly >

Injection Molding >

Machine Tending >

Packaging >

Part Transfer >