

Motoman SDA10F



The Motoman SDA10F is a dual arm robot with a 10 kg payload on each arm. The SDA10F is ideal for assembly, packaging, material handling, and part transfer applications. The cables in the SDA10F are routed inside the arms, giving it human-like flexibility. The Motoman SDA10F comes equipped with an FS100 controller.

For more information about the Motoman SDA10F, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 8
 Payload:..... 10 kg
 H-Reach:..... 720 mm
 Repeatability:±0.1 mm
 Robot Mass: 220 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....130 °/s (2.27 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.....170 °/s (2.97 rad/s)
 T-Axis..... 200 °/s (3.49 rad/s)

Robot Motion Range

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

Robot Controllers

FS100 >

Robot Applications

Assembly >

Machine Tending >

Material Handling >

Packaging >

Part Transfer >