

Motoman DA9IC



The Motoman DA9IC is a unique dual-arm robot that features coordinated and independent control of up to 11 axes of motion (12 axes with optional linear track). Its compact size, wide working envelope, and internally routed electrical and pneumatic lines make the DA9IC NX100 robot ideally suited to perform multiple processes with small work pieces.

With working envelopes on both sides of the linear track, the Motoman DA9IC provides extreme flexibility for system layout. Work envelopes can be adjusted by changing the length of the optional linear track. Multiple DA9IC NX100 robots can be installed on one track.

For more information about the Motoman DA9IC,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 11
 Payload:..... 9 kg
 H-Reach:..... 1512 mm
 Repeatability:±0.1 mm
 Robot Mass: 190 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....180 °/s (3.14 rad/s)
 L-Axis.....150 °/s (2.62 rad/s)
 U-Axis.....190 °/s (3.32 rad/s)
 R-Axis.....300 °/s (5.24 rad/s)
 B-Axis.....420 °/s (7.33 rad/s)

Robot Motion Range

S-Axis.....±135°
 L-Axis.....+110° - 75°
 U-Axis.....+175° - 55°
 R-Axis.....±120°
 B-Axis.....±360°

Robot Controllers

NX100 >

Robot Applications

Assembly >

Injection Molding >

Machine Tending >

Material Handling >