

FANUC ARC Mate 120iB/10LT



The FANUC ARC Mate 120iB/10LT is a six-axis, overhead rail-mounted robot that provides accurate and consistent path performance necessary for welding and cutting.

The Arc Mate 120iB/10LT R-J3iB industrial robot features the ability to interface with most types of servo driven or indexing positioners while brushless AC servo motors reduce motor maintenance. Fail-safe brakes on all six axes provide added safety to this "mobile" robot that has the ability to service multiple fixtures or large parts, making the Arcmate 120iB a popular robot. Modular rails can be attached to stand-alone support columns with variable height attachment.

For more information about the FANUC ARC Mate 120iB/10LT, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 10 kg
H-Reach:..... 1735 mm
Repeatability:±0.1 mm
Robot Mass: 149 kg
Structure:Gantry
Mounting:Inverted

Robot Motion Speed

J1..... 2.75 m/s
J2..... 165 °/s (2.88 rad/s)
J3..... 175 °/s (3.05 rad/s)
J4..... 350 °/s (6.11 rad/s)
J5..... 340 °/s (5.93 rad/s)
J6..... 520 °/s (9.08 rad/s)

Robot Motion Range

J1..... +2.4m° - 32m°
J2..... ±300°
J3..... ±455°
J4..... ±400°
J5..... ±280°
J6..... ±900°

Robot Controllers

R-J3iB >

Robot Applications

Arc Welding >