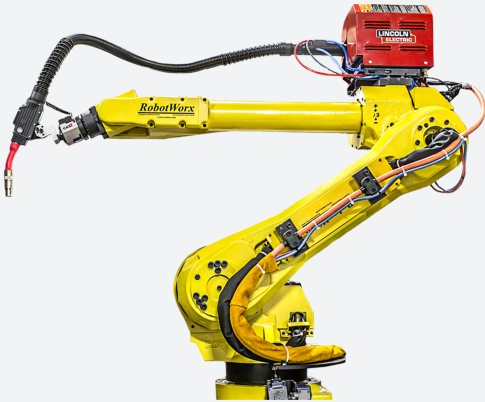


FANUC ARC Mate 120iBe



The FANUC ARC Mate 120iBe welding robot has six axes, a remarkable reach/stroke ratio and elevated axis speeds. The controller has been integrated into the base of the robot to simplify installation and conserve production floor space. All FANUC 120iBe R-J3iC basic arc welding robotic software features are supported to provide superior performance for simple and complex arc welding applications.

The FANUC ARC Mate 120iBe is the solution for cost effective arc welding. High axis speeds enhances product output and fast wrist axes reduces air-cut times. The ARC Mate 120iBe R-J3iC is available with 2 or 6 brakes.

There are also used FANUC ARC Mate 120iBe robots available with RobotWorx. Each reconditioned ARC Mate 120iBe has gone through RobotWorx' intensive reconditioning process, bringing it back to mint condition! All new or used robotic systems include the RobotWorx Value Package.

For more information about the FANUC ARC Mate 120iBe,
contact a member of our sales department today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload: 20 kg
 H-Reach: 1667 mm
 Repeatability: ± 0.08 mm
 Robot Mass: 320 kg
 Structure: Articulated
 Mounting:..... Floor

Robot Motion Speed

J1..... 165 °/s (2.88 rad/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..... ±340°
 J2..... ±250°
 J3..... ±460°
 J4..... ±400°
 J5..... ±280°
 J6..... ±900°

Robot Controllers

R-J3iB >
 R-J3iC >

Robot Applications

Arc Welding > Oxacetylene Welding >
 Plasma Cutting > TIG Welding >
 MIG Welding > Plasma Welding >
 MAG Welding >