

## FANUC ARC Mate 100iB



The FANUC ARC Mate 100iB is a six-axis, modular construction, electric servo-driven welding robot that was designed with high speed in mind. Compact and flexible, the Arc Mate 100iB robot is capable of high speed welding and cutting, yet precise enough to handle pick and place applications. The FANUC ARCMate 100iB has a relatively lightweight payload ability at 6kg, which makes it perfect for welding applications.

This robot will be paired with a R-J3iB controller and ARC Mate 100iB RJ3iB arc welding robots are compatible with all major brands of welding equipment for maximum flexibility.

If you are looking to save even more money, then consider a used FANUC ARC Mate 100iB. RobotWorx experts take each reconditioning process seriously and spend a lot of time and attention bringing the robots back to mint condition. Additionally, all new ARC Mate 100iB robots, or any reconditioned robots purchased through RobotWorx, includes the RobotWorx Value Package.

For more information about the FANUC ARC Mate 100iB,  
contact a member of our sales department today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 6  
Payload: ..... 6 kg  
H-Reach: ..... 1373 mm  
Repeatability: ± 0.08 mm  
Robot Mass: 135 kg  
Structure: ..... Articulated  
Mounting:..... Floor, Inverted, Angle

### Robot Motion Speed

J1..... 150 °/s (2.62 rad/s)  
J2..... 160 °/s (2.79 rad/s)  
J3..... 170 °/s (2.97 rad/s)  
J4..... 400 °/s (6.98 rad/s)  
J5..... 400 °/s (6.98 rad/s)  
J6..... 520 °/s (9.08 rad/s)

### Robot Motion Range

J1..... ±170°  
J2..... +160° - 90°  
J3..... +145° - 170°  
J4..... ±190°  
J5..... ±140°  
J6..... ±360°

### Robot Controllers

R-J3iB >

### Robot Applications

Arc Welding >

MIG Welding >

MAG Welding >

Orbital Welding >

TIG Welding >

Plasma Welding >