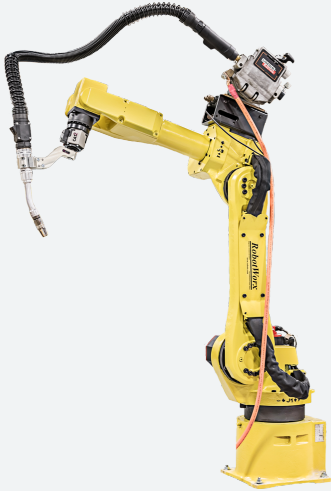


## FANUC ARC Mate 100iBe



The FANUC ARC Mate 100iBe is a value oriented robot designed to deliver peak productivity for arc welding robot applications. It has six axes, a remarkable reach/stroke ratio, and elevated axis speeds. The compact FANUC 100iBe R-J3iB welding robot design reduces installation and transportation timing.

The controller has been integrated into the base of the welding robot to simplify installation and conserve production floor space. All basic arc welding robotic software features are supported to provide superior performance for simple and complex arc welding applications. The ARC Mate 100iBe R-J3iB is capable of arc welding as well as a variety of welding applications.

The 100iBe robot has a condensed wrist design minimizes air-cut times, high axis speeds enhances product output, and is available with 2 or 6 brakes.

If you are looking for further cost savings, then consider a used ARC Mate 100iBe. RobotWorx sends every used robot through an intense reconditioning process and ensures that your used ARC Mate 100iBe is in great condition. All new and refurbished ARC Mate 100iBe robots include the RobotWorx Value Package.

For more information about the FANUC ARC Mate 100iBe,  
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: **238 kg**  
 Structure: ..... **Articulated**  
 Mounting:..... **Floor**

#### 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..... **±340°**  
 J2..... **±250°**  
 J3..... **±340°**  
 J4..... **±380°**  
 J5..... **±280°**  
 J6..... **±360°**

#### Robot Controllers

R-J3iB >

#### Robot Applications

Arc Welding >  
 MIG Welding >  
 MAG Welding >

Orbital Welding >  
 TIG Welding >  
 Plasma Welding >