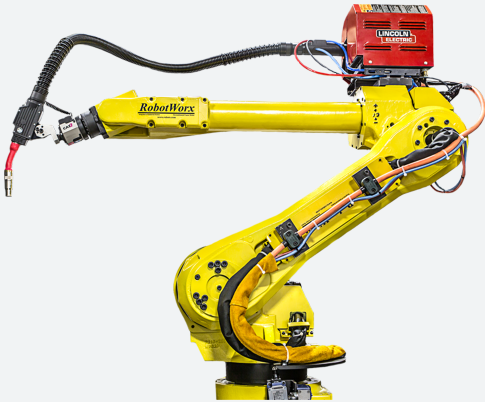


## FANUC ARC Mate 120iB/10L



The extended reach FANUC ARC Mate 120iB/10L performs arc welding and cutting applications with ease. The 120iB/10L uses its six-axes, overhead rail-mount, horizontal reach of 1,885 millimeters and, +/- 0.1 millimeter repeatability to ensure that parts large and small receive extremely accurate welds and cuts. The FANUC ARC Mate 120iB/10L R-J3iB arc welding robot has a maximum payload capacity of 10 kilograms.

The 120iB is the best in its class for reach versus stroke ratio and fastest motion speeds. The exceptionally fast wrist axes reduce air cut times, and the ARC Mate has an extremely large work envelopes and complex tooling.

RobotWorx also provides used FANUC ARC Mate 120iB/10L robots. Each used ArcMate 120iB/10L from RobotWorx goes through a meticulous reconditioning process. Any new or used robotic system comes with the RobotWorx Value Package.

When purchasing from RobotWorx, the new and used FANUC ARC Mate 120iB/10L comes equipped with the R-J3iB controller and teach pendant.

For more information about the FANUC ARC Mate 120iB/10L, contact a member of our sales department today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload: ..... 10 kg  
 H-Reach: ..... 1885 mm  
 Repeatability: ± 0.1 mm  
 Robot Mass: 220 kg  
 Structure: ..... Articulated  
 Mounting:..... Floor, Inverted, Angle

#### 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..... ±170°  
 J2..... +160° - 90°  
 J3..... +285° - 170°  
 J4..... ±200°  
 J5..... ±140°  
 J6..... ±450°

#### Robot Controllers

R-J3iB >

#### Robot Applications

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