

FANUC ARC Mate 100iB/6S



The FANUC Arc Mate 100iB/6S features a 6kg payload, 951mm reach, and comes equipped with the RJ3iB controller and teach pendant.

The 100iB/6S is a high speed welding robot with a short arm for tight spaces. A compact design allows for easy installation and transportation of the FANUC 100iB/6S RJ3iB system. The small size of the ARC Mate 100iB/6S allows for very small weld cells or a high density of arc welding torches in a given area while high axis speeds enhance product output.

RobotWorx also offers used FANUC ARC Mate 100iB/6S robots. Each reconditioned ARC Mate 100iB/6S comes with the RobotWorx Value Package and has undergone an intense refurbishment process.

With its flexible installation and ease of transportation, this FANUC welding robot, new or used, is a great addition to any factory floor.

For more information about the FANUC ARC Mate 100iB/6S, contact a member of our sales department today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload: 6 kg
 H-Reach: 951 mm
 Repeatability: ± 0.08 mm
 Robot Mass: 135 kg
 Structure: Articulated
 Mounting:..... Floor, Inverted, Angle

Robot Motion Speed

J1..... 200 °/s (3.49 rad/s)
 J2..... 200 °/s (3.49 rad/s)
 J3..... 260 °/s (4.54 rad/s)
 J4..... 400 °/s (6.98 rad/s)
 J5..... 400 °/s (6.98 rad/s)
 J6..... 720 °/s (12.57 rad/s)

Robot Motion Range

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

Robot Controllers

R-J3iB >

Robot Applications

Arc Welding > Orbital Welding >
 MIG Welding > TIG Welding >
 MAG Welding > Plasma Welding >