

FANUC LR Mate 100iB



The FANUC LR Mate 100iB is a five-axis, electric servo-driven robot and a mini industrial robot. The LRMate 100iB RJ3iB tabletop size provides for dexterity and high speed. The LR Mate 100iB RJ3iB is capable of a wide variety of tasks including machine tending and part transfer processes.

The hollow joint construction encloses all cables and hoses which eliminates snagging and increases reliability. For ease of integration, the end effector connections are built directly into the wrist. Two double-acting solenoid valves are integrated into the forearm simplifying the EOAT dressout. Sealed bearings and reliable brushless AC motors contribute to the reliability of this arm.

For more information about the FANUC LR Mate 100iB,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:.....5
Payload:.....3 kg
H-Reach:.....620 mm
Repeatability:± 0.04 mm
Robot Mass: 39 kg
Structure:
Mounting:Floor, Inverted

Robot Motion Speed

J1.....240°/s (4.19 rad/s)
J2.....270°/s (4.71 rad/s)
J3.....270°/s (4.71 rad/s)
J4.....330°/s (5.76 rad/s)
J5.....480°/s (8.38 rad/s)

Robot Motion Range

J1.....±160°
J2.....+150° - 35°
J3.....+206° - 159°
J4.....±120°
J5.....±200°

Robot Controllers

R-J3iB >

Robot Applications

Deburring >
Pick and Place >
Polishing >
Routing >