

FANUC M-6iB



The FANUC M-6iB consistently provides high performance through features designed to increase production. The robot arm features 6 axes, a modular construction, and feature-rich standard capabilities that provide dexterity, reliability, and bring high speeds to the production line. The M-6iB is the perfect solution for countless applications and working environments.

A slimmer wrist allows the M-6iB R-J3iB to navigate around narrow spaces. Increased axis speeds and electric servo drives allow reduced cycle times. Flexibility is maximized through a wider work area and larger reach. Dedicated pneumatic and electrical connections on the J3 axis allow for easy integration of EOAT. Multiple mounting positions allow the FANUC M 6iB R-J3iB to be installed in even the most difficult factory settings and the robot can flip over backward to produce an even larger work envelope.

For more information about the FANUC M-6iB,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 6 kg
H-Reach:..... 1373 mm
Repeatability: ±0.08 mm
Robot Mass: 138 kg
Structure: Articulated
Mounting: Floor, Inverted

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 >

Electron Beam >

Flux Cored Welding >

Machine Tending >

Material Handling >

Pick and Place >