

FANUC M-10iA



The FANUC M-10iA simplifies applications and floor plans as it is more compact than other robots in its class while maintaining the highest axis speeds and best repeatability in its class. Furthermore, the M-10iA can handle up to 10 kg payload and reach a full 1,420 mm horizontally. It is truly a small but mighty robot, weighing in at a mere 130 kg while also providing some of the highest wrist moments and inertia in its class.

The FANUC M-10iA has a short, standard, and long arm available, and two different types of wrists, hollow or high-inertia. The hollow wrist, dress-out and the routing of cables simplifies the robot, improves the reliability, and reduces the overall system cost. Also, the M-10iA robot can be mounted at any angle on the floor, wall, or ceiling. The work envelope is also increased as J3 can flip over backwards.

**For more information about the FANUC M-10iA,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 10 kg
H-Reach:..... 1420 mm
Repeatability: ±0.08 mm
Robot Mass: 130 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 210°/s (3.67 rad/s)
J2..... 190°/s (3.32 rad/s)
J3..... 210°/s (3.67 rad/s)
J4..... 400°/s (6.98 rad/s)
J5..... 400°/s (6.98 rad/s)
J6..... 600°/s (10.47 rad/s)

Robot Motion Range

J1..... +340° - 360°
J2..... ±250°
J3..... ±290°
J4..... ±380°
J5..... ±380°
J6..... ±720°

Robot Controllers

R-30iA >
R-J3iC >

Robot Applications

Assembly > Material Handling >
Injection Molding > Milling >
Machine Loading > Part Transfer >
Machine Tending > Pick and Place >