

FANUC M-10iA/7L



The FANUC M-10iA/7L robot is a long reach, high-performance robot with up to 7 kg payload. This M10iA/7L has the highest wrist moments and inertia in its class; making it ideal for loading and unloading applications as it can work efficiently at high speeds. The design of the M 10iA/7L allows for easier maintenance, faster installation, and reduced spare parts due to its single cable between the robot and the advanced R-30iB controller.

Furthermore, costs and reliability can be improved even more with the dress-out and simplified routing of cables, airlines, and the hollow wrist and upper arm. The standard option comes vision ready with a 2D vision cable integrated through the robot arm. The M-10iA can be mounted in a variety of ways, at any angle on the floor or wall, or mounted on the ceiling. The J3 arm can also flip behind itself to further improve the work envelope.

For more information about the FANUC M-10iA/7L,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 7 kg
 H-Reach:..... 1633 mm
 Repeatability: ±0.08 mm
 Robot Mass: 135 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 230°/s (4.01 rad/s)
 J2..... 225°/s (3.93 rad/s)
 J3..... 230°/s (4.01 rad/s)
 J4..... 430°/s (7.5 rad/s)
 J5..... 430°/s (7.5 rad/s)
 J6..... 630°/s (11 rad/s)

Robot Motion Range

J1..... +340° - 360°
 J2..... ±250°
 J3..... ±447°
 J4..... ±380°
 J5..... ±380°
 J6..... ±720°

Robot Controllers

- R-30iB Mate Cabinet >
- R-30iB A-Cabinet >
- R-30iB B-Cabinet >
- R-30iB iPendant touch >

Robot Applications

- Machine Loading >
- Material Handling >