

FANUC M-20iA/10L



The FANUC M-20iA/10L is an industry leader in reliability. The hollow upper arm and wrist of the M-20iA series helps to answer these problems as utilities are permitted to be contained within the arm, helping to eliminate snagging, tearing, or rubbing. There is also a shelf on the back of the upper arm that enables peripheral equipment to be easily mounted. There is also a built-in vision cable from J1 to J3 allowing an easy transition for the addition of a vision application.

The FANUC M-20iA/10L has a compact build and a slim wrist design that is capable of operating in tight work spaces. It has high joint speeds to help maximize throughput and an absolutely encoder positioning to eliminate homing at power-up. There are also multiple mounting options, an extended reach of 2,009 mm, up to 10 kg payload, and 6 axes of motion, all of which allow the M20iA/10L R-30iA to blend seamlessly into any context.

For more information about the FANUC M-20iA/10L,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 10 kg
H-Reach:..... 2009 mm
Repeatability: ±0.10 mm
Robot Mass: 250 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 195°/s (3.4 rad/s)
J2..... 175°/s (3.05 rad/s)
J3..... 180°/s (3.14 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° - 370°
J2..... ±260°
J3..... ±460°
J4..... ±400°
J5..... ±380°
J6..... ±900°

Robot Controllers

R-30iA >

Robot Applications

Dispensing >

Machine Loading >

Machine Tending >

Material Handling >

Pick and Place >