

FANUC ARC Mate 120iC/10L



The FANUC ARC Mate 120iC/10L is the long arm version of its series and can easily get to hard to reach work pieces. An extended horizontal reach of 2,009 millimeters gives the ARC Mate 120iC/10L a wide work envelope. A 10 kilogram maximum payload capacity provides the FANUC 120iC/10L R30iA arc welding robot more than enough strength to hold and maneuver an arc welding torch.

The ARC Mate 120iC 10L R-30iA welding robot has extremely fast wrist axes which reduces air-cut times, resulting in improved throughput. If you want an arc welding robot that features the highest motion speeds in its class for maximum production and performance, the FANUC ARC Mate 120iC 10L is a great choice.

For more information about the FANUC ARC Mate 120iC/10L, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 10 kg
H-Reach:..... 2009 mm
Repeatability: ± 0.01 mm
Robot Mass: 255 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..... ±370°
J2..... ±260°
J3..... ±460°
J4..... ±400°
J5..... +380° - 280°
J6..... +900° - 540°

Robot Controllers

R-30iA >

Robot Applications

Arc Welding >
Plasma Cutting >
Plasma Welding >