

FANUC ARC Mate 120iC/12L



The FANUC ARC Mate 120iC/12L is a long reach robot, specifically designed for arc welding. The ARC Mate 120iC/12L has a long arm, allowing a reach up to 2009 mm. It is the highest motion performance robot for its class, yet maintains a slim and compact design to help reach those tight spaces. Featuring a hollow wrist for the torch cable integration, unique wrist design, and 12kg payload, this robot produces at the utmost speed while providing easy management.

The ARC Mate 120iC/12L has a simple and reliable build to help produce a very accurate and consistent path performance. It was constructed with minimal maintenance in mind, seen with its strength and rigidity and also the hollow wrist that houses internally routed cabling.

For more information about the FANUC ARC Mate 120iC/12L, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 12 kg
 H-Reach:..... 2009 mm
 Repeatability:± 0.08 mm
 Robot Mass: 250 kg
 Structure:Articulated
 Mounting:Floor, Inverted, Angle

Robot Motion Speed

J1..... 200°/s (3.49 rad/s)
 J2..... 175°/s (3.05 rad/s)
 J3..... 190°/s (3.32 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..... ±370°
 J2..... ±260°
 J3..... ±461°
 J4..... ±400°
 J5..... ±360°
 J6..... ±900°

Robot Controllers

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

Robot Applications

Arc Welding >