

FANUC ARC Mate 100iC/8L



The advanced FANUC ARC Mate 100iC/8L robot is designed specifically for arc welding applications. This model in the ARC Mate 100iC series features a 8 kg payload and long reach of 2028 mm. This specialized engineering allows the 100iC/8L to achieve the highest motion performance in its class. It boasts a lighter and slimmer arm and is more cost efficient than earlier models. The 100iC/8L also brings amazing motion performance with its vibration free positioning and rapid acceleration/deceleration.

The robot has a rigid arm that is further enhanced with servo technology. This allows the ARC Mate 100iC/8L to perform at top speeds, reducing cycle times by as much as 15 percent. FANUC has many additional options available to make this model even more intelligent, including iRVision, collision detection, and coordinated motion.

Every robot that is purchased through RobotWorx includes the RobotWorx Value Package. If you need the extra reach with a medium payload for your arc welding process, this FANUC ARC Mate 100iC/8L is the perfect fit.

For more information about the FANUC ARC Mate 100iC/8L, contact a member of our sales department today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload: 8 kg
 H-Reach: 2028 mm
 Repeatability: ± 0.08 mm
 Robot Mass: 150 kg
 Structure: Articulated
 Mounting:..... Floor, Inverted, Angle

Robot Motion Speed

J1..... 200 °/s (3.49 rad/s)
 J2..... 200 °/s (3.49 rad/s)
 J3..... 210 °/s (3.67 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°
 J2..... ±255°
 J3..... ±462°
 J4..... ±400°
 J5..... ±360°
 J6..... ±900°

Robot Controllers

R-J3iC >
 R-30iA >
 R-30iB >

Robot Applications

Arc Welding > TIG Welding >
 Plasma Cutting > Plasma Welding >