

## FANUC ARC Mate 100iC/12



The FANUC ARC Mate 100iC/12 is a specially engineered arc welding robot that can achieve maximum performance, while also saving on maintenance costs.

This model in the ARC Mate 100iC series features a 12 kg payload and 1420 mm reach. The ARC Mate 100iC/12 is designed with a hollow wrist, which allows for cable integration. By integrating the cables on this ARC Mate robot, manufacturers are sure to cut down on maintenance. The hollow forearm allows for easy cable management, while stabilizing the wire feeder, which enables the ARC Mate 100iC/12 to produce high quality welds.

The ARC Mate 100iC/12 has various FANUC options available to make it perform even better, including iRvision, collision detection, and coordinated motion features. The ARC Mate 100iC/12 robot performs top of the line arc welding and is sure to enhance your production. It also includes the RobotWorx Value Package.

For more information about the FANUC ARC Mate 100iC/12, contact a member of our sales department today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload: ..... 12 kg  
 H-Reach: ..... 1420 mm  
 Repeatability: ± 0.08 mm  
 Robot Mass: 130 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..... ±360°  
 J2..... ±250°  
 J3..... ±445°  
 J4..... ±380°  
 J5..... ±380°  
 J6..... ±720°

#### Robot Controllers

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

#### Robot Applications

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