

FANUC ARC Mate 100iC/12S



The ultra economical FANUC ARC Mate 100iC/12S is a high performance robot, specifically designed for arc welding applications. The ARC Mate 100iC/12S is a 6-axis short arm version of the 100iC model that can handle payloads up to 12 kg. It has 6 axis and can reach up to 1098 mm.

The ARC Mate 100iC/12S was designed to reduce cycle times for a wide range of high-speed and cutting applications; its rigid design and advanced servo technology allow it to move at fast speeds, decreasing cycle times by up to 15%! This innovative robot provides maximum protection for the welding harness as it is routed through the hollow wrist and J3 arm. This will decrease your overall maintenance requirements.

If you are looking for an advanced arc welding robot, the FANUC Arc Mate 100iC/12S may be the perfect fit. It also includes the RobotWorx Value Package.

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

Robot Information

Robot Specifications

Axes:..... 6
Payload: 12 kg
H-Reach: 1098 mm
Repeatability: ± 0.08 mm
Robot Mass: 130 kg
Structure: Articulated
Mounting:..... Floor, Inverted, Angle

Robot Motion Speed

J1..... 260 °/s (4.54 rad/s)
J2..... 280 °/s (4.89 rad/s)
J3..... 315 °/s (5.5 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..... ±340°
J4..... ±380°
J5..... ±380°
J6..... ±720°

Robot Controllers

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

Robot Applications

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