

FANUC ARC Mate 100iC/10S



The FANUC ARC Mate 100iC/10S is designed to be more productive and create smaller, more accurate welds. The ARC Mate 100iC/10S robot features a 10 kg payload and 1098 mm reach.

The ARC Mate 100iC/10S robot has a shorter forearm, yet can reduce cycle time by up to 15%. The 100iC/10S can handle special welding guns with its rigid arm and advanced servo and sensor technology. It has a hollow wrist for torch cable integration and highest motion performance for its class. The torch cable routing is smooth with the hollow forearm providing excellent cable management, ultimately leading to very minimal maintenance.

If your application requires additional options, there is also iRVision, collision detection, and coordinated motion available.

When you are looking for the highest quality welds, look no further than the FANUC ARC Mate 100iC/10S robot. It is paired with the R-30iA or R-30iB controller and includes the RobotWorx Value Package.

For more information about the FANUC ARC Mate 100iC/10S, contact a member of our sales department today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload: 10 kg
H-Reach: 1098 mm
Repeatability: ± 0.08 mm
Robot Mass: 130 kg
Structure: Articulated
Mounting:..... Floor

Robot Motion Speed

J1..... 220 °/s (3.84 rad/s)
J2..... 230 °/s (4.01 rad/s)
J3..... 270 °/s (4.71 rad/s)
J4..... 410 °/s (7.16 rad/s)
J5..... 410 °/s (7.16 rad/s)
J6..... 610 °/s (10.65 rad/s)

Robot Motion Range

J1..... ±340°
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 >