

FANUC M-2000iA/2300



This robot is the strongest lifter in the FANUC family, with a payload capacity to lift 2.3 metric tons of product -- meaning it could easily lift an entire car and move it to a different area on the factory floor. The steady motion of the robot, with its low vibrations, means that the jerking movements of cranes or other lifters are things of the past. The low noise level and moderate power consumption (8 kW) are also benefits that the M-2000iA/2300 bring to the table.

The M-2000iA/2300 also sports a pretty impressive protection rating. The IP54 (IP56 optional) rating means that the robot body is splash-proof and dust-proof, while the wrist and J3 axis are able to withstand even more dust or water with an IP67 rating. This means that the wrist can be immersed in water up to 1m, without malfunctioning. By choosing the IP56 rating for the body of the robot, manufacturers can use low pressure water jets for cleaning.

For more information about the FANUC M-2000iA/2300, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 2300 kg
 H-Reach:..... 3734 mm
 Repeatability: ±0.3 mm
 Robot Mass: 11000 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

J1..... 20°/s (0.35 rad/s)
 J2..... 14°/s (0.24 rad/s)
 J3..... 14°/s (0.24 rad/s)
 J4..... 18°/s (0.31 rad/s)
 J5..... 18°/s (0.31 rad/s)
 J6..... 40°/s (0.7 rad/s)

Robot Motion Range

J1..... ±330°
 J2..... ±160°
 J3..... ±165°
 J4..... ±720°
 J5..... ±240°
 J6..... ±720°

Robot Controllers

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

Robot Applications

- Machine Tending >
- Material Handling >
- Material Removal >