

FANUC M-2000iA/1700L



The M-2000iA/1700L from FANUC is one of the strongest long reach robots in the world. It is typically used in machine tending, material handling, machine loading, and material removal applications.

The M-2000iA/1700L has a wide work base, with a footprint of 1540 mm x 1480 mm, which stabilizes it when lifting huge parts and products. The robot is able to remain agile, despite being a heavy lifter, and can work with a high degree of precision. By using this heavy lifting robot, manufacturers have more flexibility with material handling, and they can improve their cycle times, while also lowering the possibility of damaging production materials. These robots lift like a conventional crane, which allows manufacturers to decrease the amount of equipment needed for production.

For more information about the FANUC M-2000iA/1700L, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 1700 kg
 H-Reach:..... 4683 mm
 Repeatability: ±0.5 mm
 Robot Mass: 12500 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 Loading > Material Handling >
 Machine Tending > Material Removal >