

FANUC M-900iB/280



The FANUC M-900iB/280 is a rigid, precise robot. It truly shines when used for material removal processes, like routing, cutting, deburring, and drilling, where the tooling requires pressure and accuracy is an absolute must. It can be mounted to the floor, ceiling, wall, or at an angle, and while it is stiff, it is still flexible enough to perform applications that require the six degrees of freedom.

With a footprint of only 830 mm x 610 mm, this robot doesn't take up a lot of room. The body of the M-900iB/280 has an IP54 rating, which means it is protected from dust and splashing water. It has an optional IP56 rating, which would allow the body to withstand waterjet cleaning. The wrist and J3 arm of the robot is rated at IP67, making it dust-proof and able to withstand being immersed in up to 1 m of water.

For more information about the FANUC M-900iB/280, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 280 kg
 H-Reach:..... 2655 mm
 Repeatability: ±0.3 mm
 Robot Mass: 1700 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

J1..... 110°/s (1.92 rad/s)
 J2..... 105°/s (1.83 rad/s)
 J3..... 100°/s (1.75 rad/s)
 J4..... 110°/s (1.92 rad/s)
 J5..... 110°/s (1.92 rad/s)
 J6..... 180°/s (3.14 rad/s)

Robot Motion Range

J1..... ±370°
 J2..... ±151°
 J3..... ±224°
 J4..... ±720°
 J5..... ±250°
 J6..... ±720°

Robot Controllers

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

Robot Applications

Drilling > Material Removal >
 Material Handling > Routing >