

FANUC M-20iA/20T



The FANUC M-20iA/20T is the latest rail mounted robot, the lightest model in the range. This M-20iA/20T is a 6 axis machine that is designed to enhance versatility and keep costs down. It can perform a variety of applications including assembly, machine loading, material removal, arc welding, dispensing, and part transfer.

The FANUC M-20iA/20T robot can handle a 20 kg payload and has a 1661 mm reach. It comes standard with a hollow wrist and cantilevered J3 arm to help further protect cables, improve maintenance, and reduce overall costs of the system. The first moments and inertias provide maximum axis speeds that offer complex tools and mounting. Enhance your process today with this versatile robot, it will bring you diminished cycle times and increased productivity with its advanced servo technology.

For more information about the FANUC M-20iA/20T,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 20 kg
H-Reach:..... 1662 mm
Repeatability:±0.08 mm
Robot Mass: 185 kg
Structure: Gantry
Mounting:Inverted

Robot Motion Speed

J1..... 330 °/s (5.76 rad/s)
J2..... 175 °/s (3.05 rad/s)
J3..... 180 °/s (3.14 rad/s)
J4..... 360 °/s (6.28 rad/s)
J5..... 360 °/s (6.28 rad/s)
J6..... 550 °/s (9.6 rad/s)

Robot Motion Range

J1..... ±10.8°
J2..... ±300°
J3..... ±586°
J4..... ±400°
J5..... ±360°
J6..... ±900°

Robot Controllers

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

Robot Applications

Arc Welding >
Assembly >
Dispensing >
Machine Loading >
Material Removal >
Part Transfer >