

## FANUC M-20iA/20M



The FANUC M-20iA/20M is one of the latest models featuring a 20 kg payload and +/-0.08 mm repeatability. The high joint speeds of the M20iA/20M improve throughput and cut down on cycle times. This robot was exceptionally designed to conquer a variety of applications without sacrificing any of the robot's performance specifications. The M-20iA/20M is an industry leader in reliability, payload, reach, and axes speeds.

Like many in the M-20iA series, the FANUC M20iA/20M is very versatile and can provide efficient solutions to assembly, packaging, machining, and many more applications. Because of its high speed and accuracy, these applications are done with a level of efficiency that cannot be reached during manual applications. This robot's slim hollow wrist design allows it to reach into compact spaces, perfecting your solution in a way you didn't know was possible.

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

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 20 kg  
H-Reach:..... 1813 mm  
Repeatability: ±0.08 mm  
Robot Mass: 250 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

J1..... 195°/s (3.4 rad/s)  
J2..... 175°/s (3.05 rad/s)  
J3..... 180°/s (3.14 rad/s)  
J4..... 405°/s (7.07 rad/s)  
J5..... 405°/s (7.07 rad/s)  
J6..... 615°/s (10.73 rad/s)

#### Robot Motion Range

J1..... ±370°  
J2..... ±260°  
J3..... +460° - 6°  
J4..... ±400°  
J5..... ±280°  
J6..... ±900°

#### Robot Controllers

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

#### Robot Applications

Assembly >      Material Removal >  
Deburring >      Order Picking >  
Machine Loading >      Packaging >  
Machine Tending >      Part Transfer >