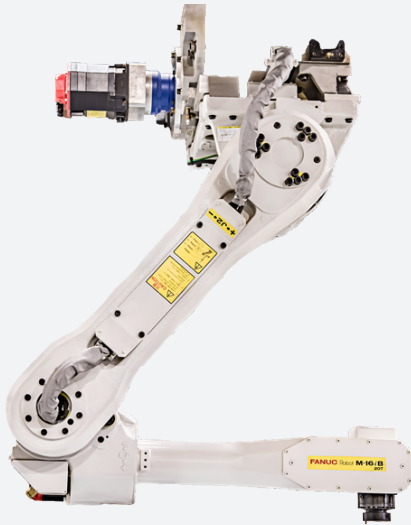


## FANUC M-16iB/20T



The six-axis FANUC M-16iB/20T is an overhead rail mounted robot that provides accuracy for a variety of applications, including material handling, machine tending, injection molding, dispensing, palletizing, and plasma cutting, making it versatile enough for a broad range of industries. This toploader robot combines gantry styling with a 20 kg payload capacity, a 1517 mm horizontal reach, and offers a wide work envelope and exceptional flexibility. The M-16iB/20T is a robot driven by servo-motors, which allows it to operate smoothly and accurately without need of calibration when powering it up.

By integrating the FANUC M-16iB/20T R-J3iB into a facility, a manufacturer can see their machine productivity increase by as much as 30 percent. The M-16iB/20T also reduces capital and maintenance costs, while minimizing installation time.

For more information about the FANUC M-16iB/20T,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 20 kg  
H-Reach:..... 1517 mm  
Repeatability:±0.1 mm  
Robot Mass: 147 kg  
Structure: .....  
Mounting: .....Inverted

#### Robot Motion Speed

J1..... 2.75 m/s  
J2..... 165 °/s (2.88 rad/s)  
J3..... 175 °/s (3.05 rad/s)  
J4..... 350 °/s (6.11 rad/s)  
J5..... 340 °/s (5.93 rad/s)  
J6..... 520 °/s (9.08 rad/s)

#### Robot Motion Range

J1..... +2.4m° - 32m°  
J2..... ±300°  
J3..... ±460°  
J4..... ±400°  
J5..... ±280°  
J6..... ±900°

#### Robot Controllers

R-J3iB >

#### Robot Applications

Appliance Automation >  
Injection Molding >  
Machine Loading >  
Machine Tending >

Material Handling >  
Plasma Cutting >  
Press Tending >