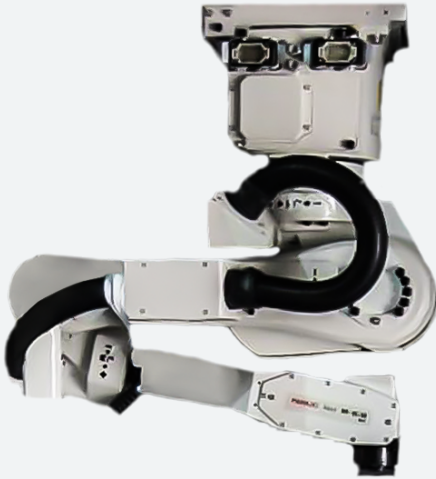


## FANUC M-6iB/6C



The FANUC M6iB/6C R-J3iB brings reliability to cleanroom applications, especially in electronics and pharmaceuticals. The standard capabilities alone provide amazing dexterity and reliability that make this robot the perfect solution for countless applications. The FANUC M-6iB/6C has 6 degrees of freedom, +/- 0.08 repeatability, and can work with a 6 kg payload. It also has versatile options with the compact size, small footprint, and various mounting options.

Reliability is what this robot was designed for with its RV reducer, gear and harmonic drive-trains (getting rid of unreliable belts, pulleys, and chains), grease fittings on lubrication points, and brushless motors. In addition, there are some unique options for software upgrades such as singularity avoidance, AccuDeflash for plastic deflashing, internet connectivity, and KAREL programming language.

For more information about the FANUC M-6iB/6C,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 6 kg  
H-Reach:..... 1373 mm  
Repeatability: ±0.08 mm  
Robot Mass: 145 kg  
Structure: ..... Articulated, Gantry  
Mounting: ..... Floor, Inverted

#### Robot Motion Speed

J1..... 150°/s (2.62 rad/s)  
J2..... 160°/s (2.79 rad/s)  
J3..... 170°/s (2.97 rad/s)  
J4..... 400°/s (6.98 rad/s)  
J5..... 400°/s (6.98 rad/s)  
J6..... 520°/s (9.08 rad/s)

#### Robot Motion Range

J1..... ±340°  
J2..... ±250°  
J3..... ±315°  
J4..... ±380°  
J5..... ±280°  
J6..... ±720°

#### Robot Controllers

R-J3iB >

#### Robot Applications

Cleanroom >  
Material Handling >