

## FANUC M-10iA/12S



The FANUC M-10iA/12S has the best payload and inertia in its class! It is the short arm version of the M-10iA/12 that provides a 1098 mm reach and a slim and hollow arm and wrist. It can be mounted at a variety of angles on the floor or wall, or ceiling mounted, ultimately making this robot the perfect for accessing difficult angles and narrow spaces.

This robot is ideal for high speed loading and unloading, with advanced servo motors that keep it moving smoothly all year round. The M-10iA/12S has an absolute encoder to get rid of homing at start-up and a hollow wrist and arm. The motors are directly coupled to the reducer to reduce breakdown risks and the RV reducer and gear and harmonic drive trains provide rigidity and performance. To further improve reliability, the FANUC M-10iA/12S has sealed bearings and brushless AC motors.

For more information about the FANUC M-10iA/12S,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 12 kg  
H-Reach:..... 1098 mm  
Repeatability: ±0.08 mm  
Robot Mass: 130 kg  
Structure: ..... Articulated  
Mounting: ..... Floor, Inverted, Angle

#### Robot Motion Speed

J1..... 260°/s (4.54 rad/s)  
J2..... 280°/s (4.89 rad/s)  
J3..... 315°/s (5.5 rad/s)  
J4..... 430°/s (7.5 rad/s)  
J5..... 430°/s (7.5 rad/s)  
J6..... 630°/s (11 rad/s)

#### Robot Motion Range

J1..... +340° - 360°  
J2..... ±250°  
J3..... ±340°  
J4..... ±380°  
J5..... ±380°  
J6..... ±720°

#### Robot Controllers

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

#### Robot Applications

Machine Loading >      Welding Automation >  
Material Handling >