

## FANUC S-500iB



The 6-axis FANUC S-500iB is designed for high-speed smooth movements. The refined movement of the S-500iB R-J3iB, a result of RV speed reducers, is powered by brushless AC servo motors. Cables are routed through hollow joints on the S-500iB arm to reduce interference.

The FANUC S-500iB R-J3iB has a slender arm design that increases access to parts and eases installation. It can operate in many environments ranging from harsh to the traditional factory floor. The slender arm design improves robot repeatability and no robot modifications are required for upright, inverted, or wall-mountings.

For more information about the FANUC S-500iB,  
contact a Robotworx representative today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 6  
Payload:..... 15 kg  
H-Reach:..... 2757 mm  
Repeatability:±0.15 mm  
Robot Mass: 610 kg  
Structure: .....Articulated  
Mounting: .....Floor, Inverted, Angle

### Robot Motion Speed

J1..... 170°/s (2.97 rad/s)  
J2..... 170°/s (2.97 rad/s)  
J3..... 200°/s (3.49 rad/s)  
J4..... 335°/s (5.85 rad/s)  
J5..... 360°/s (6.28 rad/s)  
J6..... 600°/s (10.47 rad/s)

### Robot Motion Range

J1..... ±160°  
J2..... +100° - 60°  
J3..... +149° - 119°  
J4..... ±240°  
J5..... ±120°  
J6..... ±450°

### Robot Controllers

R-J3iB >

### Robot Applications

Dispensing >

Machine Loading >

Material Handling >

Material Removal >

Part Transfer >