

## FANUC R-2000iB/165R



The FANUC R-2000iB/165R is a heavy payload, rack-mount robot that is ideal for shelf installations. A slim wrist design and six-axes of motion help make it easy for the used R-2000iB/165R to operate in confined spaces. Featuring a 3,095 mm horizontal reach, the R-2000iB/165R can help to increase productivity in any shop.

With a design that allows large wrist moments and inertia, this robot, whether new or used, is perfectly suited to face all of a manufacturer's heavy payload challenges. By choosing a robot that can handle a 165 kg wrist payload, as well as a 550 kg base payload, a manufacturer will have a lot of versatility when it comes to moving and welding heavier objects during production.

For more information about the FANUC R-2000iB/165R, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 165 kg  
 H-Reach:..... 3095 mm  
 Repeatability:±0.3 mm  
 Robot Mass: 1480 kg  
 Structure: .....Heavy Payload  
 Mounting: .....Rack

#### Robot Motion Speed

J1..... 110°/s (1.92 rad/s)  
 J2..... 100°/s (1.75 rad/s)  
 J3..... 110°/s (1.92 rad/s)  
 J4..... 150°/s (2.62 rad/s)  
 J5..... 150°/s (2.62 rad/s)  
 J6..... 220°/s (3.84 rad/s)

#### Robot Motion Range

J1..... ±180°  
 J2..... +65° - 120°  
 J3..... +270° - 95°  
 J4..... ±360°  
 J5..... ±125°  
 J6..... ±360°

#### Robot Controllers

R-J3iB >  
 R-J3iC >

#### Robot Applications

Fiberglass Cutting >      Material Handling >  
 Injection Molding >      Pick and Place >  
 Machine Loading >      Spot Welding >  
 Machine Tending >