

## FANUC R-2000iB/125L



The FANUC R-2000iB/125L is a highly reliable, long reach robot with intelligence that features a 125 kg payload and the largest work envelope in its series. This robot provides the best cost performance and ease of use for applications with integrated versatile process solutions.

Additionally, it has a slim and compact body, with a simplified, vertical articulated arm, compact wrist unit, and maintains minimum interference at the rear side. The lack of a counterweight also helps to increase the available workspace. The non-rotating forearm simplifies hose and cable dressout and also prolongs service life. Another great benefit to help increase the mean time between the failure are the fewer mechanical components that are on the robot.

For more information about the FANUC R-2000iB/125L, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 125 kg  
H-Reach:..... 3005 mm  
Repeatability: ±0.2 mm  
Robot Mass: 1190 kg  
Structure: ..... Longer Reach  
Mounting: ..... Floor

#### Robot Motion Speed

J1..... 110°/s (1.92 rad/s)  
J2..... 110°/s (1.92 rad/s)  
J3..... 110°/s (1.92 rad/s)  
J4..... 170°/s (2.97 rad/s)  
J5..... 170°/s (2.97 rad/s)  
J6..... 260°/s (4.54 rad/s)

#### Robot Motion Range

J1..... ±180°  
J2..... +75° - 60°  
J3..... +230° - 132°  
J4..... ±360°  
J5..... ±125°  
J6..... ±360°

#### Robot Controllers

R-J3iC >  
R-30iA >

#### Robot Applications

Cutting >      Machine Loading/Tending >  
Fiberglass Cutting >      Material Handling >  
Foundry >      Plasma Cutting >  
Injection Molding >      Spot Welding >