

FANUC R-2000iB/210F



The FANUC R-2000iB/210F is a floor-mounted robot with an extremely high payload, 2655 mm horizontal reach, and six degrees of freedom. It is great for a variety of applications, such as material handling, welding, dispensing, and material removal. The R-2000iB/210F has a slim arm and wrist which helps it fit into confined and hard to reach places, giving manufacturers even more versatility when planning their applications. This also helps to reduce interference with system peripherals. Despite the slim arm, the R-2000iB/210F has a very large workenvelope with the ability to reach overhead and behind.

The R-2000iB/210F will be paired with the R-J3iC or the R-30iA controller. Both controllers allow for advanced motion control and the option of FANUC iRvision. You can expect higher value and industry leading performance on your production line with the R-2000iB/210F.

For more information about the FANUC R-2000iB/210F, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 210 kg
H-Reach:..... 2655 mm
Repeatability: ±0.3 mm
Robot Mass: 1240 kg
Structure: Heavier Payload
Mounting: Floor

Robot Motion Speed

J1..... 95°/s (1.66 rad/s)
J2..... 90°/s (1.57 rad/s)
J3..... 95°/s (1.66 rad/s)
J4..... 120°/s (2.09 rad/s)
J5..... 120°/s (2.09 rad/s)
J6..... 190°/s (3.32 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

Assembly > Machine Tending >
Fiberglass Cutting > Material Handling >
Injection Molding > Resistance Welding >
Machine Loading > Spot Welding >