

FANUC R-2000iA/125L



The FANUC R-2000iA/125L robot is a heavy-payload, flexible robot that is great for a variety of material handling applications that require a max of 125 kg payload. With its large work envelope, extended reach of 3,001 mm, and the ability to reach overhead and behind, this robot can move objects to a further distance than most robots. The R-2000iA/125L also has large allowable wrist moments and inertias that help to meet the heavy duty needs. The slim design of the R-2000iA/125L ensures that it minimizes any interference with system peripherals, and also can perform all of these applications in even the most confined areas.

There are also many process attachment points that make integration easier and the stationary outer arm simplifies hose and cable dress out, which increases service life. Furthermore, the R-2000iA/125L has fewer mechanical components to help minimize spare part requirements.

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

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 125 kg
H-Reach:..... 3001 mm
Repeatability: ±0.2 mm
Robot Mass: 1230 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

J1..... 105°/s (1.83 rad/s)
J2..... 105°/s (1.83 rad/s)
J3..... 105°/s (1.83 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..... +360° - 360°
J2..... +135° - 135°
J3..... +352° - 352°
J4..... +720° - 720°
J5..... +250° - 250°
J6..... +720° - 720°

Robot Controllers

R-J3iB >

Robot Applications

Assembly >
Cutting >
Deburring >
Drilling >

Fiberglass Cutting >
Grinding >
Machine Loading/Tending >
Material Handling/Removal >