

FANUC LR Mate 200iD/7L



The FANUC LR Mate 200iD/7L is the long reach version in the LR Mate 200iD series displaying a reach of 911 mm. This is a high motion performance robot with a wide work envelope and is great for a wide variety of applications, such as material handling, polishing, pick and place, or assembly. This compact, multi-purpose robot is also very fast at handling small payloads up to 7 kg. The 200iD/7L has an enhanced wrist load capacity for great efficiency and ability to handle multiple workpieces.

Furthermore, it is the lightest mechanical unit in its class, enabling very simple mounting and installation flexibility. The LR Mate 200iD/7L R-30iB has a slim arm integrated with hand cabling and piping allowing it to fit in small spaces. It also has some of the most advanced servo technology and a very rigid arm to further produce smooth operations with minimal vibrations.

For more information about the FANUC LR Mate 200iD/7L, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 7 kg
 H-Reach:..... 911 mm
 Repeatability: ±0.03 mm
 Robot Mass: 27 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

J1..... 370°/s (6.46 rad/s)
 J2..... 310°/s (5.41 rad/s)
 J3..... 410°/s (7.16 rad/s)
 J4..... 550°/s (9.6 rad/s)
 J5..... 545°/s (9.51 rad/s)
 J6..... 1000°/s (17.45 rad/s)

Robot Motion Range

J1..... +340° - 360°
 J2..... ±245°
 J3..... ±420°
 J4..... ±380°
 J5..... ±250°
 J6..... ±720°

Robot Controllers

R-30iB >
 R-30iB Mate Cabinet >
 R-30iB Open Air Cabinet >
 R-30iB iPendant Touch >

Robot Applications

Assembly > Pick and Place >
 Material Handling > Polishing >
 Order Picking >