

ABB IRB 6600ID



The ABB IRB 6600ID is engineered to offer exceptional robot simulation reliability. One of the most path accurate and position reliable robots in its class, The IRB 6600ID IRC5 is versatile and reliable. The ABB IRB 6600ID is equipped with process cables routed inside the upper arm. The cables will follow every motion of the robot arm instead of coming into swing. This will advance cable lifetime prediction. The electric motor, articulated ABB IRB 6600ID IRC5 has unique motion control to optimize the acceleration and retardation to make the shortest cycle times possible.

The IRB 6600ID IRC 5 series of robots have the highest inertia performance, leaving it suitable for handling heavy and wide workpieces. The robot has an electronically stabilized path, an active brake system and is self tuning.

For more information about the ABB IRB 6600ID, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 185 kg
 H-Reach:..... 2755 mm
 Repeatability: ± 10 mm
 Robot Mass: 1825 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

Axis 1.....100 °/s (1.75 rad/s)
 Axis 2.....90 °/s (1.57 rad/s)
 Axis 3.....90 °/s (1.57 rad/s)
 Axis 4.....150 °/s (2.62 rad/s)
 Axis 5.....120 °/s (2.09 rad/s)
 Axis 6.....190 °/s (3.32 rad/s)

Robot Motion Range

Axis 1.....±180°
 Axis 2.....+80° - 65°
 Axis 3.....+70° - 180°
 Axis 4.....±300°
 Axis 5.....±100°
 Axis 6.....±300°

Robot Controllers

IRC5 >

Robot Applications

Resistance Welding >
 Spot Welding >

Welding Automation >