

ABB IRB 6620



The ABB IRB 6620 is a multitasking, versatile model. You can mount it to the floor, ceiling, shelf, or at an angle up to 15 degrees. There are also used ABB IRB 6620 robots available at RobotWorx. Every used IRB 6620 has gone through a reconditioned process that brings it back to mint condition. Any used ABB IRB 6620 includes the RobotWorx Value Package.

Whether you purchase a new or used ABB IRB 6620, this particular industrial robot is compact, powerful, and fast. Despite its relatively low weight, the IRB 6620 handles a hefty 150kg payload and reaches a full 2.2 meters. All these elements combine to make this robot into a unique spot welding and machine tending solution.

For more information about the ABB IRB 6620, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 150 kg
 H-Reach:..... 2200 mm
 Repeatability: ± 0.03 mm
 Robot Mass: 900 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

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.....+170° - 170°
 Axis 2.....+140° - 65°
 Axis 3.....+70° - 180°
 Axis 4.....+300° - 300°
 Axis 5.....+130° - 130°
 Axis 6.....+360° - 360°

Robot Controllers

S4C >
 IRC5 >

Robot Applications

Bonding / Sealing > Machine Tending >
 Dispensing > Material Handling >
 Electron Beam > Resistance Welding >
 Injection Molding > Spot Welding >