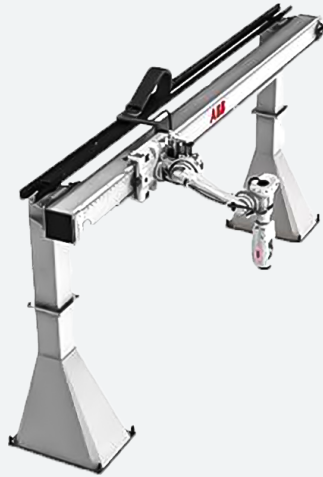


ABB IRB 6620LX



The ABB IRB 6620LX is a gantry arm robot designed to revolutionize applications that include material handling, injection molding, and die casting. These customizable linear systems can cost-effectively perform these tasks and more. This system combines the advantages of a linear gantry with the flexibility of an articulated arm. The overhead mounting of the IRB 6620LX IRC5 conserves floor-space and widens the work envelope and allows the robot to reach more effectively.

The gantry unit is available in lengths up to 33 meters and heights up to 4 meters. The arm can then either be mounted on the side or inverted for the most effect angle. The IRB 6620LX IRC 5 includes a 5-axis arm with Foundry Plus protection. It is IP67 rated, while the linear axis is IP66 protected.

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

Robot Information

Robot Specifications

Axes:..... 5
Payload:..... 150 kg
H-Reach:..... 1900 mm
Repeatability: ± 0.05 mm
Robot Mass: 610 kg
Structure: Gantry
Mounting: Inverted, Angle

Robot Motion Speed

Axis 1.....3.3 m/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)

Robot Motion Range

Axis 1..... $\pm 125^\circ$
Axis 2..... $+70^\circ - 180^\circ$
Axis 3..... $\pm 300^\circ$
Axis 4..... $\pm 130^\circ$
Axis 5..... $\pm 300^\circ$

Robot Controllers

IRC5 >

Robot Applications

Arc Welding >

Grinding >

Material Handling >