

ABB IRB 1200-5/0.9



The ABB IRB 1200-5/0.9 robot is faster and more compact than similar robots in its class. With a 5 kg payload and a 901 mm reach, this ABB IRB 1200-5/0.9 robot can handle heavier payloads and reach farther than its other IRB 1200 variant.

The ABB IRB 1200-5/0.9 robot is ideal for material handling and machine tending applications. It has an IP40 standard rating and is very easy to integrate due to its four air ducts, 10 customer signals, and Ethernet capabilities.

If you are looking for a lightweight, compact robot that can deliver high speeds and precision, the ABB IRB 1200-5/0.9 IRC5 robot may be just what you need.

For more information about the ABB IRB 1200-5/0.9,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **5 kg**
H-Reach:..... **901 mm**
Repeatability: **±0.06 mm**
Robot Mass: **54 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

Axis 1.....**288 °/s (5.03 rad/s)**
Axis 2.....**240 °/s (4.19 rad/s)**
Axis 3.....**300 °/s (5.24 rad/s)**
Axis 4.....**400 °/s (6.98 rad/s)**
Axis 5.....**405 °/s (7.07 rad/s)**
Axis 6.....**600 °/s (10.47 rad/s)**

Robot Motion Range

Axis 1.....**±170°**
Axis 2.....**+130° - 100°**
Axis 3.....**+70° - 200°**
Axis 4.....**±270°**
Axis 5.....**±130°**
Axis 6.....**±360°**

Robot Controllers

IRC5 >

Robot Applications

Machine Tending >

Material Handling >

Meat Processing Automation >

Packaging >

Palletizing >

Pick and Place >