

## ABB IRB 1200-7/0.7



The ABB IRB 1200-7/0.7 is a compact, high-speed, flexible robot that is ideal for machine tending and material handling applications. The IRB 1200 is proven to be 15% smaller and 10% faster than other robot in its class. The compact design allows for faster speeds while keeping precision.

The ABB IRB 1200-7/0.7 comes with a 703 mm reach and 7 kg payload. It is durable and can be mounted at any angle. The IRB 1200-7-0.7 comes with a standard IP40 protection rating, but IP67 protection is available as an option.

Advance your material handling and machine tending applications with this advanced ABB IRB 1200-7/0.7 IRC5 robot.

**For more information about the ABB IRB 1200-7/0.7, contact a Robotworx representative today at 740-251-4312.**

### Robot Information

#### Robot Specifications

Axes:..... **6**  
 Payload:..... **7 kg**  
 H-Reach:..... **703 mm**  
 Repeatability: **±0.06 mm**  
 Robot Mass: **52 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.....**+135° - 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 >**