

ABB IRB 2600



The highly accurate ABB IRB 2600 increase production through high process speeds and low waste amounts. The patented ABB software, TrueMove, is used for ultimate motion control. The compact design of the IRB 2600 IRC5 cuts cycle times by up to 25%. Maximum acceleration is achieved by the new lower body weight of the arm.

With the same footprint as the IRB 4600 IRC5, significant floorspace can be used by integrating the IRB 2600. The reach of this compact arm can extend underneath the body, creating a large working envelope. This arm is available with a longer reach, higher payload, and a variety of protection packages such as FoundryPlus 2, Foundry Prime 2, and Clean room.

For more information about the ABB IRB 2600, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 12 kg
 H-Reach:..... 1650 mm
 Repeatability: ±0.06 mm
 Robot Mass: 280 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

Axis 1.....175 °/s (3.05 rad/s)
 Axis 2.....175 °/s (3.05 rad/s)
 Axis 3.....175 °/s (3.05 rad/s)
 Axis 4.....360 °/s (6.28 rad/s)
 Axis 5.....360 °/s (6.28 rad/s)
 Axis 6.....500 °/s (8.73 rad/s)

Robot Motion Range

Axis 1.....±180°
 Axis 2.....+155° - 95°
 Axis 3.....+75° - 180°
 Axis 4.....±400°
 Axis 5.....±120°
 Axis 6.....±400°

Robot Controllers

IRC5 >

Robot Applications

- Arc Welding >
- Cutting >
- Deburring >
- Drilling >
- Fiberglass Cutting >
- Grinding >
- Material Handling >
- Material Removal >