

ABB IRB 1660ID



The IRB 1660ID's hollow wrist helps to provide maximum acceleration and speed at all times without fears of damaging the Integrated DressPack. The ABB IRB 1660ID has answered the customer's needs for a robot that has an improved wire feeding control to help provide high volume production all the while consistently producing superior, quality welds every time. The powerful wrist is compact, fast, and reliable and it is paired with ABB's QuickMove Technology which provides up to 10% shorter cycle times. In addition, the arm is strong and rigid which enables up to an 6 kg lift which enables the additional options for heavier torches.

For more information about the ABB IRB 1660ID, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 6 kg
 H-Reach:..... 1550 mm
 Repeatability: ±0.05 mm
 Robot Mass: 257 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

Axis 1.....180 °/s (3.14 rad/s)
 Axis 2.....180 °/s (3.14 rad/s)
 Axis 3.....180 °/s (3.14 rad/s)
 Axis 4.....320 °/s (5.59 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.....+150° - 90°
 Axis 3.....+79° - 238°
 Axis 4.....±175°
 Axis 5.....±120°
 Axis 6.....±400°

Robot Controllers

IRC5 >

Robot Applications

Arc Welding >
 Welding Automation >