

ABB IRB 1410



The ABB IRB 1410 provides fast and reliable work cycles that boost productivity. Ideal for arc welding application, this robot delivers plenty of performance and a high ROI. The ABB 1410 robot features the ability to adjust process speed and position to help achieve optimum manufacturing accuracy with little or no rejects.

The ABB IRB 1410 is known for its stiff and robust construction. This translates into low noise levels and long intervals between routine maintenance and long service life. The large working area and long reach are complimented by the compact design and slim wrist. This allows high performance and operation even in difficult and restricted locations.

For more information about the ABB IRB 1410,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 5 kg
H-Reach:..... 1444 mm
Repeatability: ± 0.05 mm
Robot Mass: 225 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

Axis 1.....120 °/s (2.09 rad/s)
Axis 2.....120 °/s (2.09 rad/s)
Axis 3.....120 °/s (2.09 rad/s)
Axis 4.....280 °/s (4.89 rad/s)
Axis 5.....280 °/s (4.89 rad/s)
Axis 6.....280 °/s (4.89 rad/s)

Robot Motion Range

Axis 1..... $\pm 170^\circ$
Axis 2..... $\pm 70^\circ$
Axis 3..... $+70^\circ - 65^\circ$
Axis 4..... $\pm 150^\circ$
Axis 5..... $\pm 115^\circ$
Axis 6..... $\pm 300^\circ$

Robot Controllers

IRC5 >
S4C >
S4Cplus >

Robot Applications

Arc Welding >
MAG Welding >
Mig Welding >