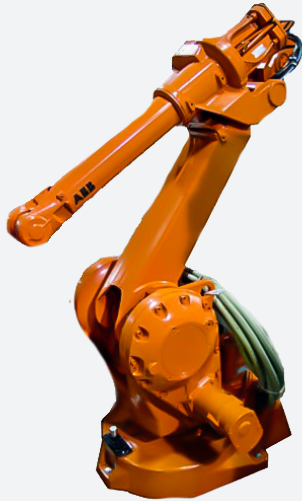


ABB IRB 2400L



Six axes and a large work envelope make help make the ABB IRB 2400L S4C maximize efficiency to your arc welding and machine tending applications. The IRB 2400L works with a S4C, S4C+, or IRC5 controller.

With the IRB 2400L, cycle times will be shortened, and this faster production will not cause you to sacrifice any of your production quality. Consistent part quality is one of the many advantages of using the ABB IRB 2400 L. This robot is versatile enough to perform all of the functions above, while also having the ability to work in a variety of different environments. To keep the IRB 2400L at top performance, manufacturers need to keep a regular maintenance schedule, which includes using the proper grease and oil on the gears. The IRB 2400L uses Mobilgearlube X320 oil for all its axes.

For more information about the ABB IRB 2400L,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **7 kg**
H-Reach:..... **1800 mm**
Repeatability: **±0.06 mm**
Robot Mass: **380 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted**

Robot Motion Speed

Axis 1.....**135 °/s (2.36 rad/s)**
Axis 2.....**135 °/s (2.36 rad/s)**
Axis 3.....**135 °/s (2.36 rad/s)**
Axis 4.....**310 °/s (5.41 rad/s)**
Axis 5.....**310 °/s (5.41 rad/s)**
Axis 6.....**310 °/s (5.41 rad/s)**

Robot Motion Range

Axis 1.....**±360°**
Axis 2.....**±200°**
Axis 3.....**±125°**
Axis 4.....**±370°**
Axis 5.....**±240°**
Axis 6.....**±800°**

Robot Controllers

S4C >
S4C+ >
IRC5 >

Robot Applications

Arc Welding > Meat Processing Automation >
Assembly > Tig Welding >
Cutting >