

ABB IRB 2400



This robot offers increased production rates, reduced lead times, and faster delivery for your manufactured product. In addition, the compact design of the IRB2400 ensures ease of installation and all models offer inverted mounting capability. The IRB 2400 S4C arc welding model has a 1.5m reach and a payload of 12kg with a handling capacity up to 20kg in other models.

The Foundry Plus ABB IRB-2400 S4C version is washable with high pressure steam and it's supplied with increased environment protection meeting IP 67 standard. As with all robots, regular maintenance is important. Make sure to use Mobilgearlube X320 oil for axes 1-3 of the IRB 2400, and Optimol BM 100 oil for axes 4-6. This robot can be paired with the S4C or the IRC5 controllers.

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

Robot Information

Robot Specifications

Axes:..... **6**
 Payload:..... **12 kg**
 H-Reach:..... **1500 mm**
 Repeatability: **±0.27 mm**
 Robot Mass: **380 kg**
 Structure: **Articulated**
 Mounting: **Floor, Inverted**

Robot Motion Speed

Axis 1.....**150 °/s (2.62 rad/s)**
 Axis 2.....**150 °/s (2.62 rad/s)**
 Axis 3.....**150 °/s (2.62 rad/s)**
 Axis 4.....**360 °/s (6.28 rad/s)**
 Axis 5.....**360 °/s (6.28 rad/s)**
 Axis 6.....**450 °/s (7.85 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 >
- IRC5 >

Robot Applications

- Arc Welding >
- Bonding / Sealing >
- Cutting >
- Deburring >
- Drilling >
- Fiberglass Cutting >
- Foundry >
- Machine Tending >