

ABB IRB 5400-24



The ABB IRB 5400-24 IRC5P In-Booth rail system is an enhanced version of the Paint Process Robot IRB 5400 family.

The In-Booth configuration yields an amazingly large and very useful work envelope. This is just one of the many benefits of the IRB 5400-24 painting robot. This robot is able to offer precision painting applications that increase uptime, decrease paint use, and effectively integrate into almost any setting.

Behind this robot's operation is the ABB IRC5P robot controller with its FlexPaint pendant to ensure that you get the best paint job on your products every time.

For more information about the ABB IRB 5400-24,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 7
Payload:..... 25 kg
H-Reach:..... 1620 mm
Repeatability: ± 0.15 mm
Robot Mass: 820 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

Axis 1.....137 °/s (2.39 rad/s)
Axis 2.....137 °/s (2.39 rad/s)
Axis 3.....137 °/s (2.39 rad/s)
Axis 4.....440 °/s (7.68 rad/s)

Robot Motion Range

Axis 1..... $\pm 300^\circ$
Axis 2..... $\pm 160^\circ$
Axis 3..... $\pm 150^\circ$
Axis 4..... $\pm 920^\circ$

Robot Controllers

IRC5P >

Robot Applications

Painting Automation >