

ABB IRB 540



The ABB IRB 540 is engineered to meet your easy manual programming requirements. It is devised for low energy consumption solutions. The ABB IRB 540 IRC5P is a fully balanced, streamlined robot with a unique wrist.

The new and used user-friendly IRB 540 IRC-5P is a fully-balanced, streamlined robot with a unique patented FlexiWrist that is designed for easy manual programming. State of the art motor, motor drive, and transmission technology gives the IRB 540 IRC 5P high speed and acceleration. The resolvers are integrated in the motors, resulting in a slim design and reduced need for access.

For more information about the ABB IRB 540,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 5 kg
H-Reach:..... 1620 mm
Repeatability: \pm mm
Robot Mass: 240 kg
Structure: Articulated
Mounting: Floor, Inverted

Robot Motion Speed

Axis 1.....112 °/s (1.95 rad/s)
Axis 2.....112 °/s (1.95 rad/s)
Axis 3.....112 °/s (1.95 rad/s)
Axis 4.....360 °/s (6.28 rad/s)
Axis 5.....360 °/s (6.28 rad/s)
Axis 6.....700 °/s (12.22 rad/s)

Robot Motion Range

Axis 1..... $\pm 300^\circ$
Axis 2..... $\pm 145^\circ$
Axis 3..... $\pm 95^\circ$
Axis 4..... $\pm 176^\circ$
Axis 5..... $\pm 176^\circ$
Axis 6..... $\pm 640^\circ$

Robot Controllers

IRC5P >

Robot Applications

Coating >
Painting Automation >