

ABB IRB 540S



The ABB IRB 540S is a modified version of the standard IRB 540 IRC5P that offers the same economical benefits and powerful software.

It delivers constant high finish quality and reduced overspray, thus reducing material consumption and waste. With a shorter vertical arm and a narrow base, the size of the Small 540 IRC5P makes it an effective paint robot for applications in limited and narrow areas.

The robot is not counterbalanced and can be mounted upside down. CP programming and manual PTP programming are not available on this robot.

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

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 5 kg
H-Reach:..... 1700 mm
Repeatability: \pm mm
Robot Mass: 530 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..... $\pm 640^\circ$

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IRC5P >

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Painting Automation >