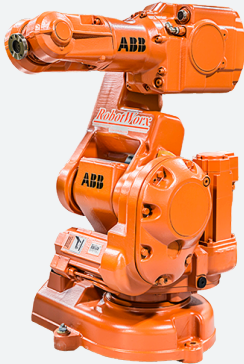


ABB IRB 140



The ABB IRB 140 is a compact, 6 axis multipurpose robot with a payload of 6kg and a reach of 810mm. It offers 360 degrees of rotation, fast acceleration, a large working envelope, and the flexibility to be floor, suspended, or wall mounted at any angle. All mechanical arms are completely IP67 protected. This helps make the ABB IRB 140 easy to integrate and suitable for a variety of applications including material handling, arc welding, assembly, and more!

To keep your ABB IRB 140 running at top speed and consistency, it is important to maintain a regular maintenance schedule, including checking the oil and grease levels of your robot, and using the proper grease. The IRB 140 uses Mobilgearlube X320 oil for axes 1-3 and Optimol BM 100 oil on axes 4-6.

For more information about the ABB IRB 140,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **6 kg**
H-Reach:..... **810 mm**
Repeatability: **± 0.03 mm**
Robot Mass: **98 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

Axis 1.....**200 °/s (3.49 rad/s)**
Axis 2.....**200 °/s (3.49 rad/s)**
Axis 3.....**260 °/s (4.54 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.....**±280°**
Axis 4.....**±400°**
Axis 5.....**±240°**
Axis 6.....**±800°**

Robot Controllers

IRC5 >
IRC5P >
S4C >
S4C+ >

Robot Applications

3D Laser Vision > Cleanroom >
Arc Welding > Deburring >
Assembly > Drilling >
Bonding / Sealing > Foundry >