

ABB IRB 6640-130



The ABB IRB 6640-130 IRC5 robot can maintain a smaller footprint and larger work envelope as it can bend backwards while using its upper arm extenders and different wrist modules. It has a reach of 3200 mm and a payload of up to 130 kg. It's attributes are hard to beat with its outstanding inertia capabilities, top of the line collision resistance, easy maintenance, and simplified fork lift pockets. Additionally, its software package, TrueMove and Quick Move, will achieve increased path performance, monitor internal robot loads, decrease the risk of overload, and increase the robot's life cycle.

Foundry Plus 2 or Foundry Prime 2 is available for protection, combined with important safety features such as load identification, movable mechanical stops, electronic positions switches (EPS), and a stiff steel structure.

**For more information about the ABB IRB 6640-130,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **130 kg**
H-Reach:..... **3200 mm**
Repeatability: **± 0.07 mm**
Robot Mass: **1310 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

Axis 1.....**100 °/s (1.75 rad/s)**
Axis 2.....**90 °/s (1.57 rad/s)**
Axis 3.....**90 °/s (1.57 rad/s)**
Axis 4.....**170 °/s (2.97 rad/s)**
Axis 5.....**120 °/s (2.09 rad/s)**
Axis 6.....**190 °/s (3.32 rad/s)**

Robot Motion Range

Axis 1.....**±170°**
Axis 2.....**+85° - 65°**
Axis 3.....**+70° - 180°**
Axis 4.....**±300°**
Axis 5.....**±120°**
Axis 6.....**±360°**

Robot Controllers

IRC5 >

Robot Applications

Machine Tending >

Material Handling >

Spot Welding >