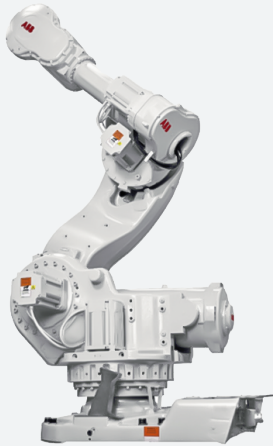


ABB IRB 7600



The ABB IRB 7600 "power robot" is accurate, strong, versatile, and ready for anything. It can be utilized in many applications, especially ones dealing with heavy parts handling. This is reflective in its expert handling of auto bodies, engines, machines, or any industrial heavy objects. The IRB 7600's horizontal reach ranges from 2550mm to a full 3500mm depending on the version. ABB has produced multiple versions to help provide the perfect option for every need; the IRB 7600 can conquer handling capabilities of 500kg, 400kg, 340kg, 325kg, or 150kg.

With the safeguard of employees being a priority, a range of software safety products are available. It has collision detection, an electronically stabilized path, and the active brake system. In addition, the ABB IRB7600 has shorter cycle times due to its motion control, unique to ABB.

**For more information about the ABB IRB 7600,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **500 kg**
H-Reach:..... **2550 mm**
Repeatability: **± mm**
Robot Mass: **2450 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

Axis 1.....**75 °/s (1.31 rad/s)**
Axis 2.....**60 °/s (1.05 rad/s)**
Axis 3.....**60 °/s (1.05 rad/s)**
Axis 4.....**100 °/s (1.75 rad/s)**
Axis 5.....**100 °/s (1.75 rad/s)**
Axis 6.....**160 °/s (2.79 rad/s)**

Robot Motion Range

Axis 1.....**±180°**
Axis 2.....**+80° - 60°**
Axis 3.....**+60° - 180°**
Axis 4.....**±300°**
Axis 5.....**±100°**
Axis 6.....**±300°**

Robot Controllers

IRC5 >
S4C >
S4C+ >

Robot Applications

Appliance Automation > Deburring >
Assembly > Grinding >
Cleanroom > Machine Tending >
Cutting > Material Handling >