ABB IRB 7600-150

The IRB 7600/150 has a high available torque and inertia capability, rigid design, a payload capacity of 150kg, and powerful acceleration. It can be used to lift heavy pallets, handle heavy fixtures and parts, turn car bodies, lift engines, in foundries or forges, and also to load and unload machine cells.

ABB has put safety first by adding a range of software products under the umbrella of Active and Passive Safety. Its active safety includes Collision Detection, an Electronically Stabilized Path, an Active Brake System, and Self-tuning Performance. The Passive features include load identification, moveable mechanical stops, and electronic position switches.

> For more information about the ABB IRB 7600-150,
> contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:............. **6**
Payload:........ **150 kg**
H-Reach:....... **3500 mm**
Repeatability: **± mm**
Robot Mass: **kg**
Structure: ..... **Articulated**
Mounting: ..... **Floor**

Robot Motion Speed

Axis 1.......**100 °/s (1.75 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.......**190 °/s (3.32 rad/s)**

Robot Motion Range

Axis 1.....**±180°**
Axis 2.....**+85° - 60°**
Axis 3.....**+60° - 180°**
Axis 4.....**±300°**
Axis 5.....**±100°**
Axis 6.....**±360°**

Robot Controllers

IRC5 >

Robot Applications

Machine Loading >
Machine Tending >

Material Handling >
Palletizing >