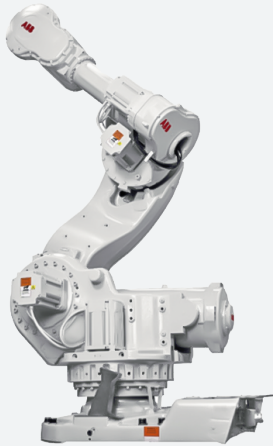


ABB IRB 7600-500



The ABB IRB 7600/500 is the robot you need to handle heavy and wide parts for a variety of applications. With a high available torque and inertia capability, rigid design, powerful acceleration, and payload capacity of up to 500 kg, no big job goes unconquered. 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 7600-500,
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: **kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

Axis 1.....**75 °/s (1.31 rad/s)**
Axis 2.....**50 °/s (0.87 rad/s)**
Axis 3.....**55 °/s (0.96 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.....**+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 >

Order Picking >

Palletizing >