

## ABB IRB 6640ID-200



The ABB IRB 6640ID-200 is compact, with amazing inertia abilities, and perfectly designed to fit into compact places with its 2550 mm reach and ability to fully bend over backwards. The ID models (Internal Dressing) have cable routed inside the upper arm to help reduce any external cable swinging during working hours. The ID helps to increase motion control and dress pack lifetime, reduce the footprint even more, and also decrease the spare part cost.

Maintenance should be a breeze with the software package available (which includes TrueMove and Quick Move) to help with load monitoring and ultimately eliminate the risk of an overload. These programs also help the robot to achieve a more precise path performance, and most importantly, longer life. Additionally, the IRB 6640ID-200 has outstanding inertia capabilities, top of the line collision resistance, and simplified fork lift pockets.

**For more information about the ABB IRB 6640ID-200,  
contact a Robotworx representative today at 740-251-4312.**

### Robot Information

#### Robot Specifications

Axes:..... **6**  
Payload:..... **200 kg**  
H-Reach:..... **2550 mm**  
Repeatability: **± 0.07 mm**  
Robot Mass: **1310 kg**  
Structure: ..... **Articulated**  
Mounting: ..... **Floor**

#### Robot Motion Speed

Axis 1.....**110 °/s (1.92 rad/s)**  
Axis 2.....**90 °/s (1.57 rad/s)**  
Axis 3.....**90 °/s (1.57 rad/s)**  
Axis 4.....**190 °/s (3.32 rad/s)**  
Axis 5.....**140 °/s (2.44 rad/s)**  
Axis 6.....**235 °/s (4.1 rad/s)**

#### Robot Motion Range

Axis 1.....**±170°**  
Axis 2.....**+85° - 65°**  
Axis 3.....**+70° - 180°**  
Axis 4.....**±300°**  
Axis 5.....**±100°**  
Axis 6.....**±300°**

#### Robot Controllers

**IRC5 >**

#### Robot Applications

**Machine Tending >**

**Material Handling >**

**Spot Welding >**