

## Motoman HP350



The heavy payload, high-performance Motoman HP350 robot would make a powerful addition to any factory. It is designed with a hefty payload and long reach to provide versatility to heavy loads.

The HP350 features parallel-link construction for strength, rigidity, and stabilization of high moment/inertia loads. Heavy-duty bearings provide smooth arm rotation. Motoman's patented multiple robot control allows the HP350 robot to position large parts for processing by other robots. This jigless processing is the ultimate form of flexible automation.

The Motoman HP350 features full 6-axis capability for high flexibility. It also has an IP67 wrist rating. The new and used HP350 can use either the NX100 or DX100 controller.

**For more information about the Motoman HP350,  
contact a Robotworx representative today at 740-251-4312.**

## Robot Information

### Robot Specifications

Axes:..... **6**  
Payload:..... **350 kg**  
H-Reach:..... **2542 mm**  
Repeatability: **±0.5 mm**  
Robot Mass: **2200 kg**  
Structure: ..... **Articulated**  
Mounting: ..... **Floor**

### Robot Motion Speed

S-Axis.....**95 °/s (1.66 rad/s)**  
L-Axis.....**95 °/s (1.66 rad/s)**  
U-Axis.....**95 °/s (1.66 rad/s)**  
R-Axis.....**100 °/s (1.75 rad/s)**  
B-Axis.....**100 °/s (1.75 rad/s)**  
T-Axis.....**160 °/s (2.79 rad/s)**

### Robot Motion Range

S-Axis.....**±150°**  
L-Axis.....**+55° - 61°**  
U-Axis.....**+113° - 30°**  
R-Axis.....**±360°**  
B-Axis.....**±125°**  
T-Axis.....**±360°**

### Robot Controllers

**DX100** >  
**NX100** >

### Robot Applications

**Assembly** >      **Machine Loading/Tending** >  
**Fiberglass Cutting** >      **Material Handling** >  
**Grinding** >      **Palletizing** >  
**Injection Molding** >      **Spot Welding** >