

## Motoman UP350



The Motoman UP350 is a heavy payload, high performance robot. It is a powerful addition to Motoman's extensive product line. Its hefty 350 kg payload and 2,542-mm reach provide versatility with heavy loads.

The UP350 XRC 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 UP350 robot to position large parts for processing by other robots. This "jigless" processing is the ultimate form of flexible automation.

The UP350 is RIA R15.06 (1999) compliant, is ideal for heavy part handling and jigless processing, an IP67 wrist rating, and a reliability of 62,000 hours MTBF.

**For more information about the Motoman UP350,  
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

XRC >

#### Robot Applications

Fiberglass Cutting >      Palletizing >  
 Material Handling >