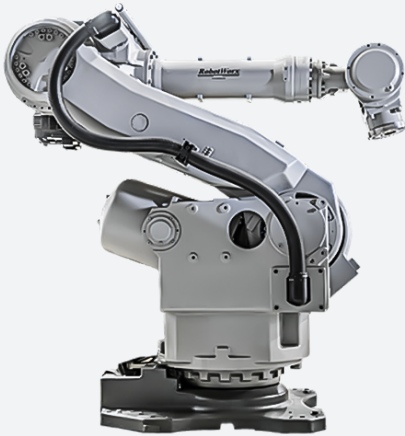


Motoman UP165



The Motoman UP165 sets the standard for versatility in the large robot marketplace. This high-speed robot offers a small footprint with superior performance in both spot welding and heavy payload handling applications. The UP165 XRC features and options include full 6-axis capability, application-specific software, Advanced Sigma motors to help provide a powerful and slim design, and a very wide working envelope of 2,650 mm (104.3") in reach.

The work envelope extends behind the body of the UP165, allowing tools to be placed at the back. This provides easy access to weld guns for maintenance. The UP165's powerful design, together with Motoman's patented multiple robot controller, the XRC, allows the robot to be used as a 6-axis part positioner to achieve unmatched flexibility.

**For more information about the Motoman UP165,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **165 kg**
H-Reach:..... **2651 mm**
Repeatability: **±0.2 mm**
Robot Mass: **1300 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

S-Axis.....**110 °/s (1.92 rad/s)**
L-Axis.....**110 °/s (1.92 rad/s)**
U-Axis.....**110 °/s (1.92 rad/s)**
R-Axis.....**175 °/s (3.05 rad/s)**
B-Axis.....**145 °/s (2.53 rad/s)**
T-Axis.....**240 °/s (4.19 rad/s)**

Robot Motion Range

S-Axis.....**±180°**
L-Axis.....**+76° - 60°**
U-Axis.....**+240° - 130°**
R-Axis.....**±360°**
B-Axis.....**±130°**
T-Axis.....**±360°**

Robot Controllers

XRC >

Robot Applications

Fiberglass Cutting >

Material Handling >

Palletizing >

Spot Welding >