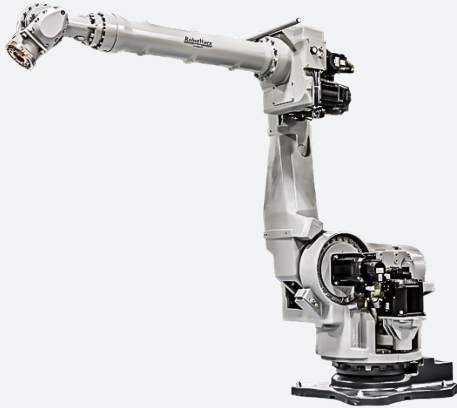


## Motoman UP165-100



The Motoman UP165-100 extended reach industrial robot offers an automated solution to handling, assembling, packaging, machine tending, spot welding, and numerous other applications. The versatile UP165-100 XRC robot also offers a 100 kg maximum payload capacity and high axis speeds. The UP165-100 robot's wrist is IP65 certified, opening even more possible applications. The extended reach employed by the Motoman UP165-100 XRC robot and the added length provides a larger work envelope which allows for end of arm tooling to be stored close by for easy maintenance access.

For more information about the Motoman UP165-100, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 100 kg  
 H-Reach:..... 3001 mm  
 Repeatability: ±0.3 mm  
 Robot Mass: 100 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

Assembly >

Fiberglass Cutting >

Material Handling >

Spot Welding >