

## Motoman EH165



The fast and flexible Motoman EH165 robot is part of the Expert Handling series, specifically designed for high production in material handling applications. The handling EH165 NX100 robots feature larger S- and L-axis motors, increasing the top speed of the robot by 4 percent compared to other Motoman robots.

The used Motoman EH165 robot is also available at RobotWorx. All used EH165 robots go through RobotWorx' specialize refurbishment process that brings the robot back to like-new condition. This is an excellent way to save costs even further! The used Motoman EH165 also includes the RobotWorx Value Package.

For more information about the Motoman EH165,  
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: 1495 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....112 °/s (1.95 rad/s)  
 L-Axis.....114 °/s (1.99 rad/s)  
 U-Axis.....140 °/s (2.44 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.....+230° - 137.5°  
 R-Axis.....±360°  
 B-Axis.....±130°  
 T-Axis.....±360°

#### Robot Controllers

NX100 >

#### Robot Applications

Appliance Automation >      Material Handling >  
 Fiberglass Cutting >      Press Tending >  
 Machine Tending >      Vision >