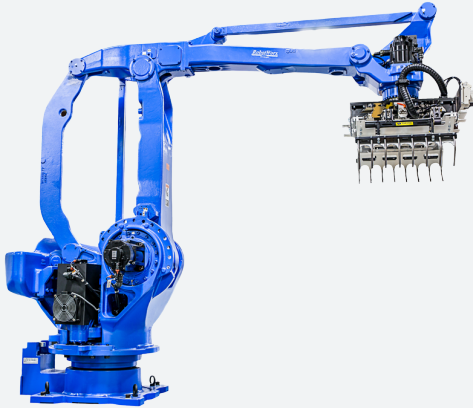


## Motoman MPL160 II



The versatile and high-speed MPL160 II is a highly reliable, 4-axis palletizing robot. It has a performance-driven design and is able to effectively handle unbalanced loads. It has an extensive 3,024 mm vertical reach, and a 3,159 mm horizontal reach which allows it to build a 102 in. tall trailer-high loads (with standard 48 in. x 40 in. pallets).

The wrist of the MPL160 II is hollow which allows flexibility to connect an EOAT enabling a wide range of motion without any interference. The robot base has cable installation to help allow the field bus routing to the upper arm/gripper. Also, the T-axis features high allowable moment of inertia, easing the ability to handle asymmetric loads without the compromise of speed or performance.

For more information about the Motoman MPL160 II, contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 4  
 Payload:..... 160 kg  
 H-Reach:..... 3159 mm  
 Repeatability: ±0.5 mm  
 Robot Mass: 1700 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....140 °/s (2.44 rad/s)  
 L-Axis.....140 °/s (2.44 rad/s)  
 U-Axis.....140 °/s (2.44 rad/s)  
 T-Axis.....305 °/s (5.32 rad/s)

#### Robot Motion Range

S-Axis.....±180°  
 L-Axis.....+45° - 90°  
 U-Axis.....+120° - 15.5°  
 T-Axis.....±360°

#### Robot Controllers

DX200 >  
 MLX200 >

#### Robot Applications

Material Handling >  
 Palletizing >