

## Motoman MPL100



Four axes on the Motoman MPL100 mean fast speeds and high acceleration. This reduces cycle times and increases output. The generous vertical reach on the Motoman MPL100 DX100 allows for flexible installations and the ability to handle a wide variety of situations.

Internally routed air lines and wiring reduce maintenance requirements and maximize reliability. The MPL also features a hollow wrist, adding a wide range of wrist motion and extending cable life. The MPL configuration was designed to reduce the area within the work envelope which might allow the MPL100 DX100 to collide with another object.

For more information about the Motoman MPL100, contact a Robotworx representative today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 4  
 Payload:..... 100 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.....+90° - 45°  
 U-Axis.....+15.5° - 120°  
 T-Axis.....±360°

### Robot Controllers

DX100 >

### Robot Applications

Material Handling >  
 Palletizing >

Part Transfer >