

## Motoman MPK50



Motoman MPK50 packaging and palletizing robots can perform applications that have rigorous demands such as heavy payloads and wide work areas. The MPK50 DX100 moves with fast speeds and high acceleration. This streamlined robot arm can make a full 360 degree rotation in its large work envelope. The MPK50 DX100 was designed with a minimized interference radius for added flexibility.

The Motoman DX100 controller is used with the MPK50, creating a user-friendly programming environment and multiple robot control. The MLX100 and the MLX200 are also compatible. The extensive I/O suite includes integral PLC and touch screen HMI.

For more information about the Motoman MPK50,  
contact a Robotworx representative today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 4  
Payload:..... 50 kg  
H-Reach:..... 1893 mm  
Repeatability: ±0.5 mm  
Robot Mass: 670 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

### Robot Motion Speed

S-Axis.....185 °/s (3.23 rad/s)  
L-Axis.....215 °/s (3.75 rad/s)  
U-Axis.....215 °/s (3.75 rad/s)  
T-Axis.....374 °/s (6.53 rad/s)

### Robot Motion Range

S-Axis.....±180°  
L-Axis.....+80° - 35°  
U-Axis.....+15° - 10.5°  
T-Axis.....±350°

### Robot Controllers

DX100 >  
MLX100 >  
MLX200 >

### Robot Applications

Material Handling >      Palletizing >  
Packaging >