

Motoman MH180



The Motoman MH180 robot is a high speed material handling robot that can be mounted on the floor. The advanced MH180 robot comes with the new DX200 controller and can handle a payload up to 180 kg! Its new design eliminates counterbalance from the robot base, allowing for higher acceleration and speed that ultimately reduces cycle time substantially. It is pre-wired for servo gripper which allows it to have a wider range in product handling. This robot is also capable for machine tending and press tending. If you are looking for a high speed material handling robot that can handle heavy payloads, this efficient Motoman MH180 DX200 robot is just what you need.

For more information about the Motoman MH180,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 180 kg
 H-Reach:..... 2702 mm
 Repeatability:±0.2 mm
 Robot Mass: 970 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....125 °/s (2.18 rad/s)
 L-Axis.....115 °/s (2.01 rad/s)
 U-Axis.....125 °/s (2.18 rad/s)
 R-Axis.....182 °/s (3.18 rad/s)
 B-Axis.....175 °/s (3.05 rad/s)
 T-Axis.....265 °/s (4.63 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+76° - 60°
 U-Axis.....+90° - 147°
 R-Axis.....±360°
 B-Axis.....+130° - 125°
 T-Axis.....±360°

Robot Controllers

DX200 >
 MLX200 >

Robot Applications

Appliance Automation > Material Handling >
 Machine Tending > Press Tending >