

Motoman MPL300



The extensive vertical reach on the Motoman MPL300 helps reduce cycle times during palletizing applications. Features such as pallet handling, layer handling, and the optional EasyPallet Pendant make the MPL300 DX100/MPL200 an excellent choice to improve the palletizing process.

This high performance robot maximizes productivity through fast axial speeds and quick acceleration. Internally routed lines and wiring help extend cable life and improve wrist motions. For maximum productivity, the MPL300 DX100 can service multiple infeed conveyors and up to four pallet build locations. This robot is also compatible with the MLX200 controller.

For more information about the Motoman MPL300,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 4
Payload:..... 300 kg
H-Reach:..... 3159 mm
Repeatability: ±0.5 mm
Robot Mass: 1820 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....90 °/s (1.57 rad/s)
L-Axis.....100 °/s (1.75 rad/s)
U-Axis.....110 °/s (1.92 rad/s)
T-Axis.....195 °/s (3.4 rad/s)

Robot Motion Range

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

Robot Controllers

DX100 >
MLX200 >

Robot Applications

3D Laser Vision > Palletizing >
Material Handling > Pick and Place >