

Motoman MPL500



Four fast axes and high acceleration make the Motoman MPL500 DX100 a solid choice for heavy, demanding palletizing applications. Features such as internally routed lines and a hollow wrist make this arm more dependable and lower maintenance costs. An exceptionally large work envelope allows the MPL500 to palletize trailer height loads. Production can also be increased with such options as a DeviceNet gripper control, MotoSim EG-VRC off-line programming software, and the EasyPallet Pendant for simple programming.

For more information about the Motoman MPL500,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 4
Payload:..... 500 kg
H-Reach:..... 3159 mm
Repeatability: ± 0.5 mm
Robot Mass: 2300 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....85 °/s (1.48 rad/s)
L-Axis.....85 °/s (1.48 rad/s)
U-Axis.....85 °/s (1.48 rad/s)
T-Axis.....195 °/s (3.4 rad/s)

Robot Motion Range

S-Axis..... $\pm 180^\circ$
L-Axis..... $+90^\circ - 45^\circ$
U-Axis..... $+15.5^\circ - 120^\circ$
T-Axis..... $\pm 360^\circ$

Robot Controllers

DX100 >

Robot Applications

Palletizing >
Pick and Place >