

Motoman MPL800 II



Reliability, fast speeds, and high performances are just a few of the amazing characteristics of the MPL800 II robot. It is a 4-axis robot, perfect for palletizing or order picking with its performance-driven design that easily handles unbalanced loads as if as a high allowable moment of inertia.

The MPL 800 II has an extensive 3,024 mm vertical reach and a 3,159 mm horizontal reach that gives this robot the ability to build a 102 in. high load on standard 48 in. x 40 in. pallets. Additionally, the MPL800 II has a hollow wrist in order to allow for a wide range of wrist motion without any interference. This hollow wrist also allows airlines and cables to be routed through it from the base to the EOAT, helping enhance safety and cable life.

For more information about the Motoman MPL800 II,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 4
Payload:..... 800 kg
H-Reach:..... 3159 mm
Repeatability: ± 0.5 mm
Robot Mass: 2550 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....65 °/s (1.13 rad/s)
L-Axis.....65 °/s (1.13 rad/s)
U-Axis.....65 °/s (1.13 rad/s)
T-Axis.....125 °/s (2.18 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

DX200 >

Robot Applications

Material Handling >
Palletizing >