

Motoman HP600



The high-performance, heavy payload Motoman HP 600 robot is a powerful addition to Motoman's extensive product line. The Motoman HP600 features parallel-link construction for strength, rigidity, and stabilization of high moment / inertia loads. Heavy-duty bearings provide smooth arm rotation. Its large payload is combined with a generous reach for versatility with extremely heavy loads.

Motoman's patented multiple robot control allows the HP-600 robot to position large parts for processing by other robots. This jigless processing is the ultimate form of flexible automation. The HP600 can use the DX100 or the NX100 controller.

For more information about the Motoman HP600,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 600 kg
H-Reach:..... 2542 mm
Repeatability:±0.5 mm
Robot Mass: 2400 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....60 °/s (1.05 rad/s)
L-Axis.....70 °/s (1.22 rad/s)
U-Axis.....70 °/s (1.22 rad/s)
R-Axis.....80 °/s (1.4 rad/s)
B-Axis.....80 °/s (1.4 rad/s)
T-Axis.....160 °/s (2.79 rad/s)

Robot Motion Range

S-Axis.....±150°
L-Axis.....+55° - 61°
U-Axis.....+113° - 30°
R-Axis.....±360°
B-Axis.....±125°
T-Axis.....±360°

Robot Controllers

DX100 >
NX100 >

Robot Applications

Assembly > Material Handling >
Fiberglass Cutting > Palletizing >
Machine Tending > Spot Welding >