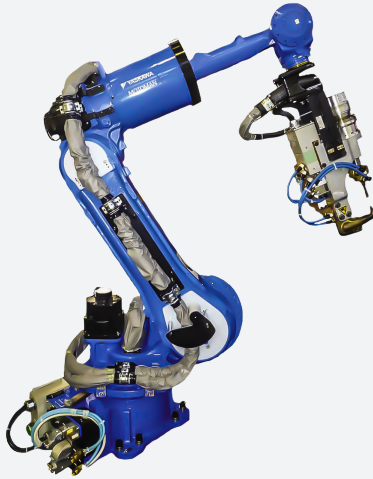


Motoman MS80W



The MS80W has an 80 kg payload, reduced cycle times, and boasts speeds 43% faster than other large payload robots. It also has a small footprint and is very compact, both which make it ideal for high-density layouts. There is flexibility with the design of the offset lower arm which enables the MS80W to be able to be shelf mounted, if necessary.

The MS80W can be used with the lighter, more efficient, DC gun. These guns are available in X- or C- configurations with 600-kg clamping force. The DX100 Controller is paired with all variants of the MS80W and it can support up to 8 robots/72 axes.

For more information about the Motoman MS80W,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 72 kg
H-Reach:..... 2236 mm
Repeatability: ± 0.07 mm
Robot Mass: 580 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)
L-Axis.....140 °/s (2.44 rad/s)
U-Axis.....160 °/s (2.79 rad/s)
R-Axis.....230 °/s (4.01 rad/s)
B-Axis.....230 °/s (4.01 rad/s)
T-Axis.....350 °/s (6.11 rad/s)

Robot Motion Range

S-Axis..... $\pm 180^\circ$
L-Axis..... $+155^\circ$ - 90°
U-Axis..... $+160^\circ$ - 185°
R-Axis..... $\pm 205^\circ$
B-Axis..... $\pm 120^\circ$
T-Axis..... $\pm 180^\circ$

Robot Controllers

DX100 >

Robot Applications

Spot Welding >
Welding Automation >