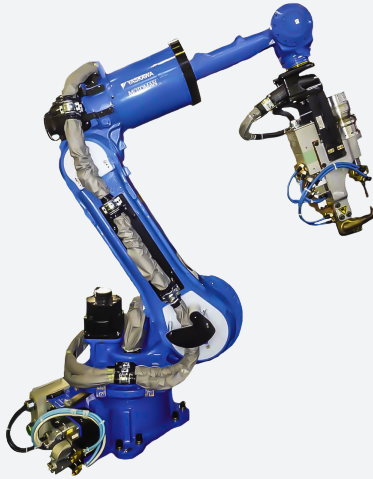


Motoman MS80W II



The MS80W II can handle up to 80 kg with a spot harness and 88 kg without one and has an expanded wrist motion range that improves application flexibility and helps to get rid of interference.

There is up to 70% less power consumption during active periods when compared to previous models. The MS80W II is 30% faster than traditional size spot welding robots. There is a digital interface to help provide simple wiring to spot timers and enables weld programming from the robot pendant. The MS80W II also has multiple functions to help to make the most out of the servo gun control: work thickness detection, multi-step pressure file, tip wear compensation, etc.

The MS80W II is paired with the DX200 controller.

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

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 80 kg
H-Reach:..... 2236 mm
Repeatability: ± 0.07 mm
Robot Mass: 558 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..... $+155^\circ - 90^\circ$
U-Axis..... $+160^\circ - 185^\circ$
R-Axis..... $\pm 205^\circ$
B-Axis..... $\pm 120^\circ$
T-Axis..... $\pm 180^\circ$

Robot Controllers

DX200 >

Robot Applications

Spot Welding >
Welding Automation >