

## Motoman MS100



The Motoman MS100 is an advanced spot welding robot. With 6-axis, vertically articulated, and a 100 kg payload, this MS100 can handle heavy objects while welding with precision. It comes with a new preventative maintenance function that can help save you thousands. It also has the new space-saving controller design.

A small or medium welding gun can be mounted on this MS100 robot. DeviceNet is included in the standard specifications.

For more information about the Motoman MS100,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 100 kg  
H-Reach:..... 2237 mm  
Repeatability:  $\pm 0.07$  mm  
Robot Mass: 625 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....140 °/s (2.44 rad/s)  
L-Axis.....110 °/s (1.92 rad/s)  
U-Axis.....130 °/s (2.27 rad/s)  
R-Axis.....175 °/s (3.05 rad/s)  
B-Axis.....175 °/s (3.05 rad/s)  
T-Axis.....255 °/s (4.45 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** >