

## Motoman MS210



The Motoman MS210 is a highly advanced spot welding robot. Featuring a 210 kg payload, DX200 controller, and streamlined design, the Motoman MS210 can handle heavier objects at a faster speed. The MS210 has vibration control, high-rigidity speed reducers and improved flexibility. If you are looking to advance in your spot welding applications, the new Motoman MS210 may be exactly what you need!

For more information about the Motoman MS210,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 210 kg  
H-Reach:..... 2702 mm  
Repeatability:  $\pm 0.2$  mm  
Robot Mass: 1000 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....120 °/s (2.09 rad/s)  
L-Axis.....97 °/s (1.69 rad/s)  
U-Axis.....115 °/s (2.01 rad/s)  
R-Axis.....145 °/s (2.53 rad/s)  
B-Axis.....145 °/s (2.53 rad/s)  
T-Axis.....220 °/s (3.84 rad/s)

#### Robot Motion Range

S-Axis..... $\pm 180^\circ$   
L-Axis..... $+76^\circ - 60^\circ$   
U-Axis..... $+90^\circ - 147^\circ$   
R-Axis..... $\pm 360^\circ$   
B-Axis..... $\pm 130^\circ$   
T-Axis..... $\pm 360^\circ$

#### Robot Controllers

DX200 >

#### Robot Applications

Spot Welding >