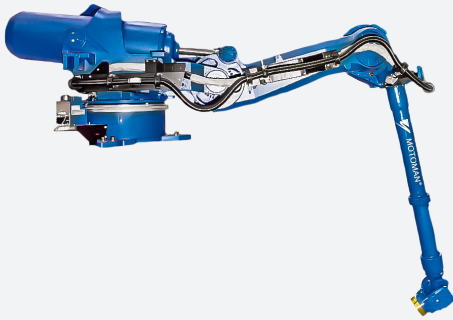


Motoman ES200RN-120



The Motoman ES200RN-120 NX100 is a powerful shelf-mount robot designed for spot welding applications. This version of the ES200 series is one of the largest shelf mounted robot in the world.

The extra long reach available with the ES200RN-120 is a great addition to any spot welding application, especially industries like the automotive industry, where spot welding has to be performed in some pretty tight nooks and crannies.

The ES200RN-120 also cables and media are integrated into the arm, which cuts down on training and cable interference during operation. This also protects cabling from wear and tear, decreasing the cost of the robot over its lifetime.

For more information about the Motoman ES200RN-120, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **120 kg**
H-Reach:..... **4004 mm**
Repeatability: **±0.2 mm**
Robot Mass: **1560 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

S-Axis.....**90 °/s (1.57 rad/s)**
L-Axis.....**85 °/s (1.48 rad/s)**
U-Axis.....**85 °/s (1.48 rad/s)**
R-Axis.....**175 °/s (3.05 rad/s)**
B-Axis.....**145 °/s (2.53 rad/s)**
T-Axis.....**240 °/s (4.19 rad/s)**

Robot Motion Range

S-Axis.....**±180°**
L-Axis.....**+80° - 130°**
U-Axis.....**+190° - 107°**
R-Axis.....**±360°**
B-Axis.....**±130°**
T-Axis.....**±360°**

Robot Controllers

NX100 >

Robot Applications

Fiberglass Cutting >
Material Handling >

Resistance Welding >
Spot Welding >