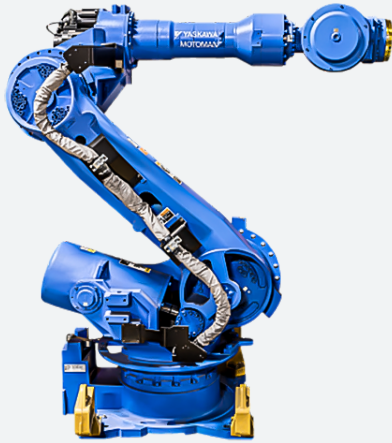


## Motoman ES200N



The high-speed Motoman ES200N "Expert Spot" robot is specifically designed to deliver unmatched performance and reliability in spot welding applications. To increase cable life, enhance safety, and reduce teaching time, the servo gun cables and air and water lines are routed through the robot's base and upper arm to the ES200N's wrist. The ES200N robot's compact, slim design allows it to reduce cycle time and reach into confined spaces, thus improving system productivity.

The Motoman ES200N NX100 features a 2,651 mm reach. The work envelope extends behind the body, allowing tools to be placed at the back and providing easy access to weld guns for maintenance.

For more information about the Motoman ES200N,  
contact a Robotworx representative today at 740-251-4312.

## Robot Information

### Robot Specifications

Axes:..... 6  
Payload:..... 200 kg  
H-Reach:..... 2651 mm  
Repeatability: ±0.2 mm  
Robot Mass: 1230 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

### Robot Motion Speed

S-Axis.....95 °/s (1.66 rad/s)  
L-Axis.....85 °/s (1.48 rad/s)  
U-Axis.....95 °/s (1.66 rad/s)  
R-Axis.....115 °/s (2.01 rad/s)  
B-Axis.....110 °/s (1.92 rad/s)  
T-Axis.....190 °/s (3.32 rad/s)

### Robot Motion Range

S-Axis.....±180°  
L-Axis.....+76° - 60°  
U-Axis.....+230° - 142.5°  
R-Axis.....±360°  
B-Axis.....±125°  
T-Axis.....±360°

### Robot Controllers

NX100 >

### Robot Applications

Fiberglass Cutting >

Foundry >

Resistance Welding >

Spot Welding >

Welding Automation >