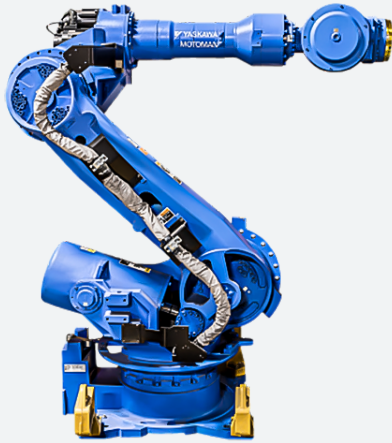


## Motoman ES200D



Motoman's ES200D spot welding robot offers a higher payload capacity. A 200 kg maximum payload capacity requires a powerful build, and this robot delivers. Not willing to sacrifice quality for size, Motoman developed the ES200D DX100 robot to feature both. Its repeatability of 0.2 mm and maximum motion range remain unchanged from the ES series. Power and utility cables are kept in place with cable harnesses and routed through the ES200D body to reduce maintenance costs and increase weld quality and reliability.

The new and used Motoman ES200 DX100 robot performs more than just spot welding. Material handling, press tending, and other industrial applications can also be automated by the ES200 DX100 robot.

**For more information about the Motoman ES200D, contact a Robotworx representative today at 740-251-4312.**

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 200 kg  
 H-Reach:..... 2651 mm  
 Repeatability: ±2 mm  
 Robot Mass: 1130 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....95 °/s (1.66 rad/s)  
 L-Axis.....90 °/s (1.57 rad/s)  
 U-Axis.....95 °/s (1.66 rad/s)  
 R-Axis.....120 °/s (2.09 rad/s)  
 B-Axis.....120 °/s (2.09 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

DX100 >

#### Robot Applications

- |                      |                      |
|----------------------|----------------------|
| Fiberglass Cutting > | Material Handling >  |
| Injection Molding >  | Press Tending >      |
| Machine Loading >    | Spot Welding >       |
| Machine Tending >    | Welding Automation > |