

# MOTOMAN NEWS RELEASE

Photo filename: ES165D-spot.jpg

FOR IMMEDIATE RELEASE  
MAY 2009

CONTACT: Sally Fairchild  
937.847.3202

---

## **NEW!** MOTOMAN'S ES165D/ES200D "EXPERT SPOT" WELDING ROBOTS DELIVER UNMATCHED PERFORMANCE, RELIABILITY

---



Dayton, Ohio — Motoman's high-speed ES165D and ES200D "Expert Spot" robots are 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 robot's wrist. Streamlined design enables the ES165D and ES200D robots to reach into confined spaces, thus reducing cycle time and improving system productivity. Integrated control for spot guns with servo-motor drives improves weld quality.

The six-axis ES165D and ES200D models feature payloads of 165 kg (363.8 lbs) and 200 kg (441 lbs) respectively. Both models have a 2,651 mm (104.4") reach with a repeatability of  $\pm 0.2$  mm ( $\pm 0.008$ "). The work envelope extends behind the body, allowing tools to be placed at the back and providing easy access to weld guns for maintenance. The ES165D and ES200D's process-specific design, together with Motoman's advanced multiple robot controller, ensures maximum productivity in spot welding applications. Standard ES165D and ES200D models are floor-mounted, but shelf-mounted versions (ES165RD and ES200RD) and an extended-reach version (ES200RD-120) are available for layout flexibility. ES165D/ES200D models can be combined with the new VS50 and MS80 robots for high density installations with improved throughput.

Fast processing of the next-generation DX100 robot and system-level controller speeds commands for the ES165D and ES200D robots, while Motoman's patented multiple robot control (up to 8 robots/72 axes) provides superior collision avoidance features and facilitates programming. Advanced control functions optimize robot acceleration characteristics, reducing cycle time. Featuring a robust PC hardware architecture, the DX100 controller uses a Windows<sup>®</sup> CE programming pendant with color touch screen.

For more information on ES165D and ES200D spot welding robots, the DX100 controller or other Motoman products and services, visit the corporate web site at [www.motoman.com](http://www.motoman.com), call 937.847.6200, or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

# # #