

# MOTOMAN NEWS RELEASE

FOR IMMEDIATE RELEASE  
SEPTEMBER 2006

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## MOTOMAN'S HP-SERIES "HIGH-PERFORMANCE" ROBOTS EXCEL AT WIDE VARIETY OF APPLICATIONS

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Dayton, Ohio — With payloads from 3-600 kg (1,323 lbs.), Motoman's dynamic, high-speed HP-series "High-Performance" robots are highly versatile general-purpose manipulators that excel at a wide variety of applications, including machine tending, welding, material handling, assembly, dispensing, and a host of other applications. Full six-axis flexibility also allows them to perform complex handling motions and other operations in a multi-function workcell. Heavier-payload models are often used in Autonomous Robot Cells<sup>®</sup> where the HP-series robot serves as a highly flexible positioner, manipulating the part for processing by up to three additional robots – all controlled by a single Motoman multiple robot controller.

HP-series robots are compact and require minimal installation space. They can be placed close together to reduce overall floorspace requirements or placed close to conveyors and other equipment to improve part/product accessibility. HP robots can be floor-, ceiling- and shelf-mounted to provide highly flexible layouts, and extended-reach versions are available. HP-series robots are controlled by the Motoman NX100 robot controller that features a robust PC architecture, Windows<sup>®</sup> CE programming pendant, and easy-to-use INFORM III programming language.

The NX100 offers unmatched multiple robot control capability (up to four robots) to maximize flexibility while minimizing cost of integration and eliminating risk of robot collisions. Dual-channel safety features include enhanced E-stop functionality, integrated speed monitoring, manual brake release switches, and compliance with both ANSI/RIA R1506-1999 and Canadian safety standards. The NX100 controller offers unmatched connectivity through standard Ethernet and other network options, including: DeviceNet, ControlNet, Profibus-DP, and EtherNet/IP. The programming pendant features a color touch-screen display that can be configured as a custom HMI (Human Machine Interface) with buttons and status indicators.

For more information on the HP-series robots or other Motoman products and services, visit our 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.

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