

MOTOMAN NEWS RELEASE

Photo filename: MPK50.jpg

FOR IMMEDIATE RELEASE
MAY 2009

CONTACT: Sally Fairchild
937.847.3202

NEW! FAST, POWERFUL MOTOMAN MPK50 ROBOT PROVIDES HIGH-SPEED PACKING WITH SUPERIOR PERFORMANCE, RELIABILITY



Dayton, Ohio — Motoman's fast and powerful 4-axis MPK50 robot with dynamic, next-generation DX100 controller offers superior performance and reliability in a wide variety of packing applications. The MPK50 robot features a 50 kg (110.3 lb) payload and a wide 360-degree work envelope, combined with best-in-class motion, speed and wrist ratings. A slim manipulator design enables it to reach into confined spaces, reducing cycle time and improving system productivity.

The flexible, high-speed MPK50 robot is floor mounted and has a 1,668 mm (65.7") vertical reach, 1,997 mm (78.6") horizontal reach, and ± 0.5 mm (0.02") repeatability. Only 1,014.5 mm (39.9") wide, the streamlined MPK50 has a minimal interference radius, which allows it to work in close proximity with conveyors and other equipment. An existing internal pathway (from the robot base to the wrist) facilitates addition of a fieldbus cable for DeviceNet gripper control.

The robot arm is rated IP54 with an IP67 wrist; an IP65-rated body is available as an option. An optional, easy-to-use vision system allows the MPK50 to handle a wide variety of randomly oriented product.

Using patented multiple robot control technology, Motoman's DX100 controller easily performs multiple tasks and controls up to eight robots (72 axes), I/O devices, and communication protocols. Featuring a robust PC architecture with unmatched memory capacity, the DX100 uses a Windows® CE programming pendant with color touch screen. The energy-saving DX100 features faster processing speeds for smoother interpolation, advanced robot arm motion, built-in collision avoidance, quicker I/O response, and accelerated Ethernet communication. Its extensive I/O suite includes integral PLC and HMI pendant displays, 2,048 I/O and a graphical ladder editor that can provide system level control. The DX100 supports all major fieldbus networks. It is compliant to ANSI/RIA 15.06-1999 and other relevant ISO and CSA safety standards.

For more information on Motoman products and services, visit the corporate web site at www.motoman.com, call 937.847.6200 or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

###