

# MOTOMAN NEWS RELEASE

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## **NEW! MOTOMAN HP3C ROBOTS IDEAL FOR HIGH-SPEED SMALL PARTS HANDLING AND ASSEMBLY**

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Dayton, Ohio — The high-speed, compact HP3C robot delivers superior performance in small part applications, such as kitting, packaging, material handling, assembly, and inspection. Weighing 15 kg (33.1 lbs.), the fully articulated, six-axis HP3C robot features a 3-kg (6.6-lb.) payload capacity, a horizontal reach of 701 mm (27.6"), a vertical reach of 1,163 mm (45.8"), and a repeatability of  $\pm 0.03$  mm ( $\pm 0.001$ "). The HP3C robot features brakes on all axes and can be floor-, ceiling-, or wall-mounted to provide additional flexibility. The HP3C is one of a family of 5 kg and smaller payload robots that also includes the HP3LC, HP3FC, and HP5C.

At the 2005 International Robots & Vision Show, a Motoman HP3C robot performs high-speed transfer of lip balm products from one pallet to another.

The HP3C robot and all of the robots with the 'C' designation, use the compact NXC100 robot controller, one of the smallest controllers in its class. The NXC100's compact design minimizes footprint requirements and allows it to be easily mounted under conveyors, in control cabinets or in other small spaces. The NXC100 controls the robot axes and can be configured to accommodate components, such as a linear track, providing additional flexibility for system layout.

The NXC100 controller features a Windows® CE programming pendant with color touch screen, high-speed processing, unmatched memory (60,000 steps, 10,000 instructions), built-in Ethernet, and a robust PC architecture. It uses the same INFORM III programming language as the Motoman NX100 controller, and also offers an on-board graphical ladder editor. The NXC100 features four levels of password protection for up to 100 individual users.

For more information on Motoman products and services, visit the corporate website at [www.motoman.com](http://www.motoman.com), call 937.847.6200, register at the site to subscribe to MotomanDirect, a bi-monthly e-newsletter, or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

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