

# MOTOMAN NEWS RELEASE

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## **MOTOMAN INTRODUCES HS- AND HM-SERIES SCARA ROBOTS: HIGH-SPEED 4-AXIS ROBOTS IDEAL FOR SMALL PART ASSEMBLY AND HANDLING**

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Dayton, Ohio — Motoman introduces a full line of high-speed, four-axis SCARA robots offering ultra high-speed performance in a compact form that requires minimal installation space. These new HS- and HM-series robots are ideal for variety of small part assembly and handling, lab automation, case packing, magnetic media and semiconductor processing, or part kitting.

Motoman offers 11 basic SCARA robots with reaches ranging from 350-1000 mm, and Z-axis strokes from 200-320 mm. With payload ratings of 5, 10, and 20 kg, these robots feature high-powered motors, enhanced harmonic drives, and super strong structural designs to handle high moments of inertia. A hollow quill provides easy tool integration.

The HS and HM-series robots are available in standard (IP40), splash-resistant (IP65), and cleanroom (ISO4/Class 10-USFED 209E) versions to meet application requirements in a variety of conditions, including harsh, damp, or ultra-clean environments.

The Motoman SCARA robots feature the same compact JRC 2001 controller as Motoman's small six-axis robots (UPJ, CRJ, SV3J and CR3J). The JRC 2001 controller is one of the smallest controllers in its class. Its compact, but sturdy construction minimizes footprint requirements. It can be mounted easily under conveyors, in control cabinets, or in other small spaces.

Two lightweight, easy-to-use programming pendants are available – a compact version for simple programming operations, and an enhanced version with a 6.5-inch color touch-screen for more complex programming. The JRC's easy-to-use programming language also allows robot programs to be created off-line on a PC. Libraries of subroutines are also available to enhance programming. JRC 2001 options include: EtherNet, DeviceNet (Master and Slave), floppy-disk drive, and vision sensor interface.

For more information on the Motoman HS- and HM-series robots or on Motoman products and services, call 937.847.6200, write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449, or visit the corporate website at [www.motoman.com](http://www.motoman.com).

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