

MOTOMAN NEWS RELEASE

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MOTOMAN IA20 ROBOT IDEAL FOR INJECTION MOLDING APPLICATIONS: REDUCES PRODUCT COST AND INCREASES THROUGHPUT/FLEXIBILITY!



Dayton, Ohio — Motoman offers a wide range of robotic solutions for injection molders and other plastics industry manufacturers that provide labor savings, reduce product cost and improve quality, while increasing throughput and flexibility. Robots also reduce health care costs associated with repetitive motion and handling injuries. Robots can perform primary operations such as extracting parts from injection molding machines. They also offer the flexibility to perform a virtually unlimited array of value-adding secondary operations, such as degating, deflashing, routing, clip and fastener insertion, inspection and pack-out. Robots enable unattended, off-shift operation of the injection molding machines and post-operations.

In Motoman's booth at NPE, a Motoman IA20 robot demonstrates insert loading in a two-color injection molding machine equipped with new four-sided spin-mold technology. The IA20 robot uses a vacuum gripper to pick up four metal inserts from a magazine, then loads the inserts into the mold cavity as part of a complete injection molding solution developed as a joint effort between Motoman, Krauss Maffei, Tech Group and Dynamic Tool.

Motoman's new IA20 robot features a revolutionary 7-axis actuator-driven design that enables amazing freedom of movement coupled with the ability to maneuver in very tight areas. The IA robot can be positioned between machines or out of the normal working area.

Also at NPE a Motoman ES200RN-120 robot shelf-mounted on an 1100-ton injection molding machine will perform large part extraction in the Krauss Maffei booth (#2102). Additionally, a six-axis Motoman HP20 robot in the Plasma Treat North America booth (#9625) will demonstrate atmospheric pressure plasma technology in a system used to micro clean and highly activate the surface of difficult-to-bond materials without damage to the surface.

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

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