

FANUC Canada Demonstrates M-1*i*A Parallel-Link Robot at Advanced Manufacturing Canada

For Immediate Release

MISSISSAUGA, ONTARIO, Nov. 18, 2015 – FANUC Canada demonstrates high-speed pill color sorting with its intelligent M-1*i*A parallel-link “Genkotsu” robot at Advanced Manufacturing Canada 2015, Nov. 18-19, at the Palais des congrès de Montréal, booth #717.

At the show, a FANUC M-1*i*A/0.5A six-axis robot equipped with *i*RVision® and a color camera picks and sorts pills of different colors at high speeds.

M-1*i*A Intelligent “Genkotsu” Robot

The M-1*i*A is a lightweight and compact parallel-link robot designed for small part handling, high-speed picking, packing, kitting, and assembly applications. The robot is very easy to integrate into production lines, and easy to learn, which minimizes downtime and maximizes output.

The M-1*i*A family of robots includes the M-1*i*A/0.5A six-axis model, the M-1*i*A/0.5S and the new M-1*i*A/0.5SL four-axis models, and the M-1*i*A/1H three-axis model. The unique parallel-link structure provides higher speeds and accuracy compared to traditional handling robots. Like all FANUC robots, the M-1*i*A operates with the company’s latest integrated intelligent functions such as *i*RVision, Force Sensing and Robot Link.

The M-1*i*A offers a wide range of benefits, including:

- Lightweight (12kg for three-axis model; 14kg for four-axis model; 17kg for six-axis model), compact size allows operation in small spaces
- Six-axis design enables part feeding from the sides of a work zone, increasing the useable workspace
- Multiple installation orientations accommodate a wide range of work areas
- Unique parallel-link design maximizes speed
- Supports a multiple-arm configuration of up to four robots
- A camera for *i*RVision (built-in) can be integrated into the robot
- Mate rack-style controller provides intelligent robot functions
- Robot Link controls and coordinates up to ten robots through a network exchange of robot positional data
- FANUC [Force Sensor](#) is available for intricate assembly applications

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FANUC *i*RVision

FANUC *i*RVision is a truly integrated, plug-and-go vision system that runs on the standard CPU of every FANUC R-30*i*B controller without any additional hardware. A single source solution developed and supported by FANUC, *i*RVision offers easy setup and operation for factory environments requiring 2D and 3D guidance, error proofing, visual tracking, and quality control – all with FANUC's world-renowned reliability.

Next Generation R-30*i*B Mate Controller

The FANUC R-30*i*B Mate Controller uses high-performance hardware and the latest advances in network communications, integrated *i*RVision, and motion control functions. The R-30*i*B Mate Controller features FANUC's exclusive and easy-to-use *i*Pendant with 4D graphics. The *i*Pendant displays process information and the actual process path directly on the *i*Pendant screen, enabling easier setup and troubleshooting.

Based on the latest FANUC Series 30*i*B CNC Controller, the R-30*i*B Mate Robot Controller is compact, providing customers a significant space savings. The R-30*i*B Mate Controller, available with a compact rack-style open-air controller cabinet or an industrial grade standard Mate cabinet, is very energy efficient and requires less power consumption due to its availability in both single-phase and three-phase versions.

About FANUC

FANUC Canada, located at 6774 Financial Drive, Mississauga, Ontario L5N 7J6 is a subsidiary of FANUC America Corporation. FANUC Canada provides industry-leading robotics, CNC systems, and factory automation. FANUC's innovative technologies and proven expertise help manufacturers in the Americas maximize efficiency, reliability and profitability.

FANUC America is headquartered at 3900 W. Hamlin Road, Rochester Hills, MI 48309, and has facilities in: Atlanta; Boston; Charlotte; Chicago; Cincinnati; Cleveland; Dallas; Indianapolis; Los Angeles; Minneapolis; Montreal; Pine Brook, NJ; San Francisco; Toronto; Buenos Aires, Argentina; Sao Paulo, Brazil; and Aguascalientes, and Mexico City, Mexico. For more information, please call: 888-FANUC-US (888-326-8287) or visit our website: www.fanucamerica.com. Also, connect with us on [YouTube](#), [Twitter](#), [Facebook](#), [Google+](#) and [LinkedIn](#).

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