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**FANUC Robotics Showcases
Intelligent LR Mate 200iC 'LEAN'
Robot at 2008 ATX Show**

For Immediate Release

ROCHESTER HILLS, Mich., Jan. 29, 2008 – FANUC Robotics America, Inc., will demonstrate the speed and articulation of its intelligent LR Mate 200iC robot, equipped with *iRVision* (built-in robotic vision) during Automation Technology Expo (ATX), at the Anaheim Convention Center, Anaheim, Cal., Jan. 29-31, in booth #4211.

At the show, the LR Mate 200iC robot, offering maximum performance in a light, efficient, accurate and nimble (LEAN) package will use *iRVision* 2D robot guidance to perform three intelligent applications. First, the robot will pick and place randomly located computer chips onto a tray; next, the robot will pick and precisely insert valves into a simulated cylinder head; and finally, *iRVision* Error Proofing and the integrated PMC will enable the robot to identify and sort small, medium, and large gumballs in parallel with the other tasks.

The LR Mate 200iC is designed to meet the automation needs of a variety of industries including electronics, medical devices, food, metals, plastics, and packaged and consumer goods. Its compact design and flexibility to quickly adapt to small lot sizes, new styles and other modifications provides manufacturers an affordable solution for small part, flexible production.

The six-axis, LR Mate 200iC robot rates 'best in class' for its wrist load capacity, repeatability, work envelope, and speed. Ideal for high-speed part handling, machine tending, assembly and material removal, the slim and lightweight robot can be mounted in a variety of positions including floor, tabletop, inside machines, angle and invert, which maximizes flexibility for small and narrow workspaces.

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“The LR Mate 200iC’s speed and accuracy makes it the most powerful mini-robot in its class,” said Mark Handelsman, manager of Industry Marketing, FANUC Robotics America, Inc.

FANUC Robotics is promoting the benefits of the LR Mate 200iC with the slogan, ‘Don’t Think Small, Think LEAN’. “We are excited to demonstrate the light, efficient, accurate and nimble characteristics of this robot,” added Handelsman.

The LR Mate 200iC robot offers a wide range of benefits, including:

- High wrist load capacity
- High rigidity for smooth motion
- Slim arm to allow operation in narrow spaces
- ‘Best in class’ speed
- ‘Best in class’ work envelope
- Supports a variety of intelligent functions including an internal programmable controller (PMC), Ethernet, *iRVision* (built-in), and force sensing
- Optional IP67 rating for the entire robot allows it to withstand harsh environments

iRVision

The FANUC *iRVision* system is a ready-to-use robotic vision package, requiring only a camera and cable – no additional processing hardware. It has a 2D robot guidance tool to accomplish part location, error proofing, and other operations that normally require special sensors or custom fixtures.

“Relentless global competition has prompted an increasing number of manufacturers to increase their efficiency and reduce costs by incorporating industrial robots in their operations. The superior benefits of the FANUC product line coupled with our engineering expertise and service continues to help our customers achieve their production goals and remain competitive,” said Handelsman.

FANUC Robotics America, Inc. designs, engineers and manufactures industrial robots and robotic systems for a wide range of applications including arc and spot welding, material handling (machine tending, picking, packing, palletizing), material removal, assembly, paint finishing and dispensing. The company also provides application-specific software, controls, vision products, and complete support services. After 25 years of success, FANUC Robotics maintains its position as the leading robotics company in the Americas. A subsidiary of FANUC LTD in Japan, the company has facilities in Chicago; Los Angeles; Charlotte, N.C.; Cincinnati and Toledo, Ohio; Toronto; Montreal; Aguascalientes, Mexico; and Sao Paulo, Brazil. Over 180,000 FANUC robots are installed worldwide. Contact FANUC Robotics at www.fanucrobotics.com or by calling 248-377-7000.

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