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**FANUC Robotics Demonstrates
Intelligent Deburring with its
F-200iB Parallel Link Robot
and iRVision at Cast Expo 2008**

For Immediate Release

ROCHESTER HILLS, Mich., May 17, 2008– FANUC Robotics America Inc. will highlight the unique capabilities of its intelligent F-200iB parallel link robot equipped with *iRVision*® in a material removal demonstration during Cast Expo 2008, at the Georgia World Congress Center in Atlanta, GA, May 17-20, booth #1707.

At the show, a pedestal-mounted F-200iB uses 3D laser *iRVision* to locate large cast parts, and then simulates part deburring, showcasing the robot's flexibility and work envelope. The 3D laser *iRVision* allows the part to be roughly located and adjusts the deburring path to match where the part is located.

"FANUC Robotics is the leading supplier of intelligent robotic automation for all phases of metal casting manufacturing," said Virgil Wilson, product manager, material removal, FANUC Robotics. "The F-200iB combined with *iRVision* provides maximum versatility while requiring minimal floor space. Our intelligent vision sensor technology plays a critical part in the successful use of robots in a variety of deburring, and other material removal applications by eliminating the need for expensive hard automation locating devices."

***iRVision* - Integrated (built-in) Vision**

The FANUC *iRVision* system is a ready-to-use robotic vision package, available on all FANUC robots, 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.

"Other robot suppliers rely on third-party companies for vision," added Wilson. "FANUC Robotics has a team dedicated to our integral vision products, which offer a level of performance, reliability and cost-effectiveness unmatched by third-party solutions."

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F-200iB parallel link robot

Designed for use in a variety of manufacturing and assembly processes, the powerful and compact F-200iB is engineered for applications requiring extreme rigidity and exceptional repeatability.

The superior rigidity and payload of the F-200iB makes it ideal to meet the rigors of material removal applications including heavy-duty deflashing, deburring, drilling and hole cutting. In addition, the F-200iB is well suited for a wide range of applications including flexible fixturing, nut running, spot welding, nut/stud welding, part loading and dispensing.

The F-200iB is capable of significantly higher feed rates versus a serial link robot, with up to 200 mm/second for deflashing aluminum castings and up to 35 mm/second for hole cutting of 3 mm thick cold rolled sheet steel. The F-200iB also has increased accuracy due to less robot deflection versus a serial link robot, increased tool life due to less vibration and tool chatter, and can include semiautomatic or fully automatic tool change.

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 is headquartered in Detroit, and has facilities in Chicago; Los Angeles; Charlotte, N.C.; Cincinnati and Toledo, Ohio; Toronto; Montreal; Aguascalientes, Mexico; and Sao Paulo, Brazil. Over 200,000 FANUC robots are installed worldwide. Contact FANUC Robotics at www.fanucrobotics.com or by calling 1-800-iQ-ROBOT, option 5.

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