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**FANUC Robotics Demonstrates
Intelligent Part Washing and
Deburring at IMTS 2008**

For Immediate Release

ROCHESTER HILLS, Mich., Sept., 8, 2008– FANUC Robotics America Inc. will highlight its new M-710iC/70 FoundryPRO robot with the SE Option (Severe Environment option), the R-2000iB FoundryPRO robot, and the LR Mate 200iC mini-robot during IMTS 2008, at McCormick Place in Chicago, Sept. 8-13, booth #A-8418.

At the show, the new M-710iC/70 FoundryPRO robot, along with an LR Mate 200iC robot and an R-2000iB FoundryPRO robot equipped with iRVision® will demonstrate intelligent part handling, deburring and washing. The R-2000iB will use iRVision 3D robot guidance to pick a random part from a cart. The R-2000iB will then transfer it to the LR Mate 200iC and then perform coordinated motion to optimize the deburring. After the R-2000iB transfers the deburred part to a washing booth, the M-710iC/70 will perform high-pressure washing. Upon completion, the M-710iC/70 passes the part by an air knife for drying, then exchanges parts with the R-2000iB which puts the completed part on an output cart and the cycle repeats itself.

New M-710iC/70 Robot with SE option (Severe Environment option)

The M-710iC/70 robot is built to withstand demanding industrial environments with high reliability. To enable the robot to endure the rugged conditions in washing booths such as high humidity and exposure to high pressure water jets, FANUC designed a special option called the SE option (Severe Environment option). With this option, the entire robot is rated for IP67, which means it can tolerate water submersion. The M-710iC is an enclosed robot that has internal routing of all cables and air lines, and has been tested and proven to have reliable operation in washing booths.

The new M-710iC/70 is rated 'best in class' for speed, and has one of the largest work envelopes in its class. Multiple mounting methods include floor, ceiling, angle and wall, making it possible for users to have better access to unusual work pieces. In addition, its compact size and ability to flip over and work behind itself maximizes flexibility for work cell design, and saves valuable floor space.

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“The M-710*i*C/70 sets the benchmark for robots working in the super harsh environments of die casting and foundry facilities,” said Virgil Wilson, product manager, FANUC Robotics. “It is an exciting robot based on its capabilities and flexibility.”

***i*RVision - Integrated (built-in) Vision**

The FANUC *i*RVision 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. For robotic vision processes that exceed the capability of 2D vision systems, FANUC Robotics offers an integrated 3D vision system.

LR Mate 200*i*C Intelligent Robot

The LR Mate 200*i*C robot, offers maximum performance in a light, efficient, accurate and nimble (LEAN) package. It 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 200*i*C 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.

R-2000*i*B FoundryPRO Robot

The R-2000*i*B FoundryPRO robot represents a family of industrial robots, including pedestal and rack mount versions with a variety of payloads and reaches. A slim arm and wrist assembly helps minimize interference with system equipment and allows the robot to operate in small workspaces. The FoundryPRO option makes the entire robot IP67 protected for operation in harsh environments.

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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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