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**FANUC Robotics Demonstrates
Precision Assembly with the
Intelligent M-710iC Robot at 2007
International Robots & Vision Show**

For Immediate Release

ROCHESTER HILLS, Mich., June 12, 2007 – FANUC Robotics America, Inc.'s M-710iC robot equipped with *iR*Vision and force sensing will demonstrate precision assembly during the 2007 International Robots & Vision Show, at the Donald E. Stephens Convention center in Rosemont (Chicago) IL., June 12-14, in booth #1411.

At the show, the M-710iC/50 robot equipped with the FANUC *iR*Vision 3D laser vision sensor will demonstrate an advanced precision assembly operation. Attendees will attempt to insert a part into an off-angle hole with a keyed shaft, which is a difficult application requiring high tolerance. The robot will then perform the same operation, showing how this type of assembly is easily accomplished when a robot can "see" the random location of a part using FANUC 3D vision as well as "feel" how to insert the part with FANUC's FS-60 force sensor.

"The FANUC FS-60 force sensor provides 3D assembly with six degrees of freedom, allowing complex or precise assembly operations as shown in our demonstration," said Ray Moran, material handling engineer, FANUC Robotics America, Inc.

M-710iC Intelligent Robot

The M-710iC robot features six axes of motion, an extremely large work envelope, slim profile and small footprint. The versatile M-710iC robot offers three model variations with payloads ranging from 20 kg to 70 kg., and a reach of 1360 mm to 3110 mm. Multiple mounting methods including floor, ceiling, angle and wall, make it possible for users to have better access to unusual work pieces. In addition, the FoundryPRO option makes the entire robot IP67 protected for operation in harsh environments.

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“This is an exciting robot based on its capabilities and flexibility,” said Virgil Wilson, product manager, FANUC Robotics America, Inc. “It’s rated ‘best in class’ for speed, and has one of the largest work envelopes in its class. 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.”

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 172,000 FANUC robots are installed worldwide. Contact FANUC Robotics at www.fanucrobotics.com or by calling 248-377-7000.

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