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**FANUC Robotics Demonstrates
High-Speed Palletizing with the
Intelligent M-710iC/50 Robot at the
2009 Pack Expo Show**

For Immediate Release

ROCHESTER HILLS, Mich., Oct. 5, 2009— FANUC Robotics America Inc. will demonstrate high-speed palletizing with its intelligent M-710iC/50 robot equipped with *iR*Vision[®] at the 2009 Pack Expo Las Vegas Show held at the Las Vegas Convention Center in Las Vegas, NV Oct. 5-7, booth #C4200.

At the show, an M-710iC/50 robot uses *iR*Vision bar code reading to sort two different size cases located on a conveyor. The robot then picks and palletizes the boxes from the conveyor to one of two pallets. A second M-710iC/50 robot de-palletizes the boxes and returns them to the conveyor.

“Bar code reading is a new enhancement to *iR*Vision,” said Steve Prehn, senior product manager for vision, FANUC Robotics. “It’s ideal for customers who need to identify and separate box styles during the palletizing cycle.”

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 nine 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 M-710iC robot’s FoundryPRO option makes the entire robot IP67 protected for operation in harsh environments. Also, the SE option (Severe Environment option) enables the robot to endure the rugged conditions in washing booths such as high humidity and exposure to high pressure water jets. With this option, the entire robot, also rated IP67, can tolerate water submersion.

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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.”

Integrated (built-in) Vision

The FANUC *iR*Vision 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.

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 27 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 210,000 FANUC robots are installed worldwide. Contact FANUC Robotics at www.fanucrobotics.com or by calling 1-800-*i*Q-ROBOT, option 5.

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