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RMT Robotics Releases Next Generation ADAM i-AGV for Lean Manufacturers

New upgrades eliminate manual errors and enhance random routing of goods and materials

Grimsby, Ontario, Canada (August 12, 2010) – RMT Robotics® (www.rmtrobotics.com), manufacturer and integrator of innovative robotic material handling systems, announces the launch of ADAM™ (Autonomous Delivery and Manipulation) for application in Lean manufacturing operations. The new software and hardware enhancements were developed to cater to the needs of the electronics, automotive, plastics, aerospace, solar and other industries that feature similar non-linear production logistics.

The features of the newest generation of ADAM include:

- Laser range finding system for vehicle location and obstacle avoidance;
- On-vehicle keypad interface and wireless call buttons;
- Lithium ion battery technology and opportunity charging for reliable uptime;
- On-board PC for mapping, navigation and drive control;
- Compact, durable chassis with customizable top plate;
- User-friendly, PC-based interface for easy operation by plant personnel;
- ADAM RAP Module - "Reactive Audio Playback" provides dynamic audio reactions based on location and challenges encountered by ADAM while performing its duties.

ADAM is a proven intelligent AGV (i-AGV) platform designed to eliminate manual labor and optimize operational productivity by robotically transporting work-in-process and finished goods between locations in a complex, random origin to random destination production environment. ADAM adjusts to a changing environment without assistance from traditional support lifelines such as guide wires, reflectors or transponders.

"ADAM can literally go where no AGV has gone before," said Doug Pickard, founder and president, RMT Robotics. "Nimble enough to navigate around obstacles, ADAM's adaptive nature is ideal for just-in-time delivery and shifting work flow layouts."

ADAM History

Launched in 2005 as an innovative press delivery solution for the global tire industry, the original ADAM was designed to replace the manual process of green tire transport by offering a fully automated, just-in-time connection between work-in-process tire storage and automated curing presses. ADAM rapidly earned a reputation for durability, reliability and operational efficiency in this dynamically changing and environmentally harsh operation. ADAM not only delivered on the promise of labor elimination but also amplified ROI by delivering lean manufacturing benefits such as reduced work in



process inventory, electronic product tracking, error elimination and improved final product quality.

For more information on ADAM, please contact Bill Torrens, VP sales and marketing, RMT Robotics at billtorrens@rmtrobotics.com.

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