



Knowledge in Process

## ***For Immediate Release***

### **Speedline Receives Multiple Vision Awards**

FRANKLIN, MASS – April 6, 2010 – Speedline Technologies has been honored with two 2010 Vision Awards from SMT Magazine in the Printing Equipment category for their Momentum® Dual Lane technology, and in the Inspection category for the RapidView™ Inspection system. The award ceremony was held on April 5th at the IPC APEX® trade event in Las Vegas.

The market for dual lane assembly is emerging, and there are already many suppliers involved in trying to solve the issue of rail spacing compatibility. Lack of equipment compatibility typically forces the requirement for expensive conveyors and shuttles. Flexibility of configuration with the Speedline Momentum Dual Lane solution eliminates the need for complex handling systems and the associated waste of valuable floor space.

Speedline Dual Lane machines can be deployed in any production environment, single or dual lane. While other dual lane printer products contain rails with two fixed-mount positions, the Momentum Dual Lane moves all rails under software control and accommodates a wide range of board sizes; an industry-leading 12" wide in dual lane mode, and 20" x 24" in single lane configuration.

The Momentum Dual Lane provides a high level of process flexibility, both in single lane/dual lane conversion, and in the ability to position both lanes near the front of the machine, better aligning them with placement heads when running small product. This results in optimal throughput when paired with dual lane placement systems. Full rail movement is software controlled, a unique feature in the marketplace.

The new RapidView Inspection system enables post-print inspection up to 3.5 times faster than standard Speed Vision Inspection. Process time to 100% inspect a typical nested cell phone board drops from 70.6 seconds to 20.7 seconds. Prior to this new system, it was not practical to fully inspect large boards after printing while the board was still in the screen printer. With

RapidView Inspection, 100% inspection becomes a viable option for many board types and sizes before leaving the printer.

In addition to cycle time benefits, RapidView Inspection is capable of reporting quantitative print deposit measurements down to the individual pad level, including information about coverage, overprint, paste transfer and levels of bridging, depending on how much detail is required. All of these measurements can be tailored and programmed at the device level or as a group, for quick go/no go board acceptance criteria.

The RapidView Inspection system utilizes patented vision technology in quadrupling the field-of-view, implementing a larger CCD camera, and adding IR light capability to facilitate viewing difficult board features. Its inspection capabilities make it a viable alternative to AOI systems costing ten-times as much in a 2D inspection mode.

The 18<sup>th</sup> annual Vision Awards recognized innovation and leadership across the electronics assembly supply chain, including materials, software, and complex equipment. Winners and finalists were recognized for their contributions to the industry in 18 award categories. Products were judged specifically on their ability to address a significant industry challenge, apply a new technology, improve quality and/or consistency, reduce cost, and prove easy to use. Additional consideration was given to environmental responsibility and user reviews.

For more details on MPM printing technology, visit [www.speedlinetech.com](http://www.speedlinetech.com).

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#### About Speedline Technologies

Speedline Technologies is the global leader in process knowledge, services and manufacture of capital equipment used in the printed circuit board assembly and semiconductor industries. Based in Franklin, Massachusetts, USA, the company markets five best-in-class brands: Accel microelectronics cleaning equipment; Camalot dispensing systems; Electrovert wave soldering, reflow soldering and cleaning equipment; MPM stencil and screen printing systems; and Protect global services, support and training solutions.

For more information about Speedline Technologies visit [www.speedlinetech.com](http://www.speedlinetech.com) or contact Speedline at:

- USA: Speedline Technologies, 16 Forge Park, Franklin, MA 02038. Tel: +1-508-520-0083. Fax: +1-508-520-2288. Email: [info@speedlinetech.com](mailto:info@speedlinetech.com).

- Europe: Speedline Technologies GmbH, Im Gefierth 14, 63303 Dreieich, Germany. Tel: +49 (0) 6103/832-0. Fax: +49 (0) 6102/832-299. Email: info.europe@speedlinetech.com.
- Asia: Speedline Technologies Asia Pte Ltd, 132 Joo Send Road, #03-01 Uniplas Building, Singapore 368358. Tel: +65 6286-6635. Fax: +65 6289-9411. Email: asiamarketing@speedlinetech.com.

Speedline Contact:

Erica Candela, Marketing Coordinator

ecandela@speedlinetech.com

508-541-4749