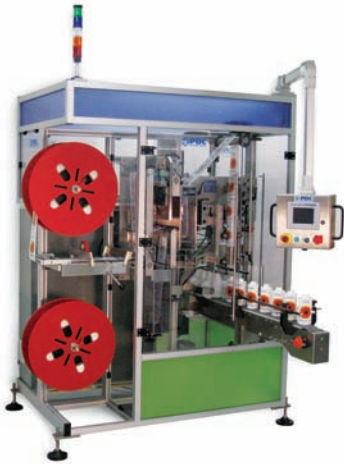


Solutions in Action

PDC International



The R-250 Evolution Shrink Labeler from PDC International



Allen-Bradley® CompactLogix™
Programmable Automation Controller



Allen-Bradley Kinetix® 300
Indexing Servo Drive



PACK EXPO 2010

Booth N-3621

PDC International is a world leader in the design and manufacture of high-reliability systems for heat shrink labeling and tamper-evident banding. The Norwalk, Conn.-based company has served customers in the food, dairy, pharmaceutical, beverage, personal care and chemical industries for over 40 years.

At PACK EXPO 2010, the company will be introducing its new **R-250 Evolution shrink labeler**, designed to apply primary graphics on containers of all shapes and sizes, while meeting the highest safety standards. The machine features a patented perforation and cutting solution that eliminates spinning knives, thereby reducing the number of fragile components used on the machine, and providing users with a more robust design. It also lengthens the period of time between knife replacements and offers users a “toolless” changeover, which reduces downtime.

The R-250 Evolution shrink labeler is designed with a modular control platform from Rockwell Automation, based on the Allen-Bradley CompactLogix programmable automation controller (PAC). The CompactLogix PAC offers a cost-effective solution for controlling the functionality of the entire machine. It communicates seamlessly via an EtherNet/IP network to Allen-Bradley PowerFlex® 4M AC drives and an Allen-Bradley Kinetix 300 indexing servo drive, to control the perforator, product handling and label application.

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THINK.
SOLVE.™

The EtherNet/IP network allows PDC to eliminate the use of digital I/O to communicate with each device on the machine, offering users a closed-loop machine with reduced wiring requirements. The entire control system is programmed using Rockwell Software® RSLogix™ 5000 software, which helps significantly reduce design and programming efforts.

PDC also uses an Allen-Bradley PanelView™ Plus Compact human-machine interface (HMI) to offer operators improved access to operational and machine health information, including start and stop commands, change time values and speed information for both the AC and servo drives.

“The standardized, modular control platform offers our customers increased functionality and productivity at a lower price point,” explained Neal Konstantin, president, PDC International. “Our customers ask for Rockwell Automation control solutions, and with our robust design and readily available, off-the-shelf components, we’re providing an easy-to-maintain system that maximizes uptime and productivity.”

For more information, contact:

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