

SOLUTIONS IN ACTION

PACK EXPO 2007



BluePrint Automation's Swing Machine case packer



Allen-Bradley® ControlLogix® Programmable Automation Controller



Allen-Bradley Kinetix® 6000 Servo Drives



Booth No. C-3200

BluePrint Automation-In today's market, manufacturers must find ways to accommodate increasingly diverse packages and display containers. BluePrint Automation's **Swing Machine** case packer offers end users the flexibility to pack bags, pouches, cartons and other containers all on one machine. The two-axis pick-and-place gantry robot is ideal for manufacturers in the personal care and food industries.

BluePrint Automation will not shy away from a job, no matter the design complexity or level of customization involved. And with more than 30 years of case packing experience, the company has a broad portfolio of application experience to reference.

"Our long history translates into a low-risk solution for our customers because almost any application they can come up with has been built by Blueprint Automation before," said John French, director of sales and marketing, BluePrint Automation. "This experience has helped us design longer running equipment with faster start up rates and higher efficiencies – all leading to a faster return on investment."

The Swing Machine requires a high level of coordinated motion to provide end users the best possible efficiencies. It is equipped with an Allen-Bradley ControlLogix Programmable Automation Controller (PAC) from Rockwell Automation which integrates both discrete and motion control on one platform, saving valuable design and implementation time.

Solutions in Action at PACK EXPO 2007

Allen-Bradley Kinetix 6000 servo drives from Rockwell Automation are integrated with the controller to provide seamless motion on the machine's multiple axes. The compact size and tight integration of the drives allows Blueprint Automation to attach them in the most convenient place on the Swing Machine with very little wiring conduit.

For making product line changeovers, the Swing Machine also features a user interface that is custom designed in-house for each end user application. The interface leverages bitmap photos of the Swing Machine segments and automation components which are uploaded onto an Allen-Bradley PanelView™ Plus Human Machine Interface (HMI) terminal. The images of the actual machine paired with the high resolution of the PanelView HMI clearly display machine faults to machine operators and maintenance staff, enabling them to quickly diagnose problems and reduce maintenance time.

According to French, there are many reasons that BluePrint Automation uses Rockwell Automation controls instead of products from other automation suppliers, including end user acceptance and global technical support. "Overall, Rockwell Automation has been a valuable partner to BluePrint Automation as we continue to develop the most cutting edge case packing machinery," said French.

For more information, contact:

John French
Director of Sales and Marketing
Phone: (804) 520-5400
Email: John.French@blueprintautomation.com

Clint Maddock
Director of Electrical Engineering
Phone: (804) 520-5400
Email: Clint.Maddock@blueprintautomation.com

Allen-Bradley, ControlLogix, Kinetix and PanelView are trademarks of Rockwell Automation, Inc.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846