

# SOLUTIONS IN ACTION

PACK EXPO 2007

## OYSTAR Packaging Technologies

The Process & Packaging Group

Booth No. C-2419



*The FP1x4 Container Filling and Sealing Machine*



*Allen-Bradley® ControlLogix® Programmable Automation Controller*



*Allen-Bradley Kinetix® 6000 Servo Drives*

**Packaging Technologies**-The FP Container Filling and Sealing (CFS) System is designed to fill and seal single-serve, preformed cups of a wide variety of food, beverage, personal care and pharmaceutical products. The new **FP1x4** model takes up only 24 square feet of floor space and runs 160 cups per minute – one of the fastest among machines of this size.

One of the main features of the machine is its sanitary design that helps Packaging Technologies' customers meet the strictest of washdown requirements. It includes a stainless steel frame that is completely exposed for cleaning, sloped surfaces that eliminate standing water and electrical components that are raised to the top of the frame and out of the way of the washdown zone.

"Sanitary standards have evolved recently, especially in the dairy industry. Self-policing is no longer acceptable, and food manufacturers must obtain 3A third party verification to sell in much of the marketplace," said Greg Thompson, product manager, Packaging Technologies. "We leverage the automation controls and build the latest requirements into our machines so that our customers can have peace of mind and focus on what they do best."

Packaging Technologies selected the Allen-Bradley ControlLogix Programmable Automation Controller (PAC) from Rockwell Automation to integrate motion, discrete and process control of the machine into one central nervous system. This helps eliminate extraneous components and wiring, and reduces overall system costs, installation time and maintenance tasks.

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The FP1x4 also leverages Kinetix™ Integrated Motion from Rockwell Automation, which combines a broad range of control instructions, a multi-tasking operating system, multi-processing support, and high-performance SERCOS interface to meet demanding motion control needs. Kinetix 6000 servo drives are used to improve axes positioning, machine flexibility and plant efficiency.

To increase visibility into the FP1x4, Packaging Technologies uses the Allen-Bradley PanelView™ Plus operator interface, allowing maintenance personnel to easily identify and diagnose any problems, as well as monitor each individual servo axis in real-time.

Additional Rockwell Automation controls that come standard on all FP-series filler machines include:

- PowerFlex® drives
- Kinetix GuardMotion™ safe-off technology
- DeviceNet™ and EtherNet/IP™ network connectivity
- Allen-Bradley sensors and alarms for no cup – no fill error proofing

## For more information, contact:

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**[www.rockwellautomation.com](http://www.rockwellautomation.com)**

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