

# SOLUTIONS IN ACTION

PACK EXPO 2008



Figure 1

Reimelt's CODOS®  
Continuous Mixing System



Allen-Bradley® ControlLogix®  
Programmable Automation Controller



Allen-Bradley® PowerFlex® 700  
Variable Frequency Drive



## REIMELT

Booth No. W-23101

**Reimelt Corporation** is a world leader in the design, manufacture, and supply of automated material-handling systems for powder and liquid ingredients. These systems provide precisely coordinated and controlled raw-material handling to ensure optimum, cost-efficient results in the production process. The company has established a solid reputation in the food and beverage industry evident by its extensive list of both domestic and international customers who rely on Reimelt's more than 50 plus years of experience in automation technology.

At PACK EXPO 2008, Reimelt will be displaying a working model of its **CODOS® system**, a high-performance dough-mixing machine designed for mixing and kneading of dough as part of a continuous process. With an output capacity of up to six metric tons per hour, this innovative mixing system provides uniform dough temperature control, while using approximately 30 percent less energy than traditional batch mixers. With a compact design that requires minimal floor space, the CODOS® system can be employed as a standalone unit or integrated into continuous or batching lines.

The CODOS® continuous mixing system is equipped with an Allen-Bradley® ControlLogix® programmable automation controller from Rockwell Automation, which controls the continuous feeding of the dry and liquid ingredients; manages the operation of the mixing and kneading units; and controls the refilling of the liquid tanks and dry ingredient hoppers to help ensure continuous material flow.

The multidisciplinary, information-enabled ControlLogix system helps to provide Reimelt with a seamless platform for communicating to field instruments and other control components, including an Allen-Bradley PanelView™ Plus operator interface. An EtherNet/IP network links the ControlLogix controller to the drives, operator interface and PC for data-gathering, maintenance and troubleshooting. With EtherNet/IP, machine information is easily integrated into the customer's overall plant information systems.

# Solutions in action at Pack Expo 2008

The ease of programming of the ControlLogix controller helps us reduce design and startup time while providing end users with faster changeovers, and lower maintenance and training costs," said Eric Kartlick, south central sales engineer, Reimelt.

Allen-Bradley PowerFlex® 700 drives help to provide more reliable torque and speed control of the large mixing motors while the drives' power regeneration capabilities help end users boost energy efficiency by reusing excess energy created by the motors. Along with the large drives, Allen-Bradley PowerFlex 70 drives are used to control the ingredient feeders and pumps.

A wide range of other Allen-Bradley industrial control products are incorporated into the control packaging, including power supplies, push buttons, relays and I/O. The components help ensure reliable, low-cost operation and are widely available through the Rockwell Automation worldwide distributor network.

"Most of our customers are familiar with Rockwell Automation control technology and programming software, which speeds startup and training," Kartlick said. "Plus, the Rockwell Automation network of service and distribution outlets means reliable support and quick access to spare parts."

Reimelt is part of the Rockwell Automation Solution Provider program – a partner program comprised of a select group of systems integrators with verified expertise in successfully integrating Rockwell Automation products and services.

**For more information, contact:**

Bob Anderson  
Reimelt Corporation  
Phone: 813.920.7434  
E-mail: [automation@reimelt.com](mailto:automation@reimelt.com)

Allen-Bradley, ControlLogix, PanelView and PowerFlex are trademarks of Rockwell Automation Inc.  
Trademarks not belonging to Rockwell Automation are property of their respective companies.

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

---

**Power, Control and Information Solutions Headquarters**

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204 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