

# SOLUTIONS IN ACTION

PACK EXPO 2008



*The Model A Air-style Valve Packer  
from Taylor Products*



*The TRU Seal Ultrasonic Valve Bag Sealer  
from Taylor Products*



*Allen-Bradley® MicroLogix™ 1500  
Programmable Logic Controller*



**MAGNUM SYSTEMS**

## Booth No. N-3533

For more than 40 years, **Taylor Products** has provided customers with versatile, cost-effective packaging equipment. With its total systems approach, Taylor Products can integrate an entire process – from pneumatic conveying of material to the packaging machine to complete automation of container handling from spout to pallet.

Among its equipment offering is a wide range of electronic valve bag packers that can be readily adapted to handle a variety of dry materials – from seed and plastic pellets to clays and cement adhesives. Each model is engineered for easy operation with practical features and construction to deliver reliable performance in demanding plant conditions.

At PACK EXPO 2008, Taylor Products is showcasing its **Model A air-style valve packer** equipped with a **TRU Seal ultrasonic valve bag sealer**. Used in a variety of different industries including food, pharmaceutical, aggregate, feed, seed and chemical, the bag packer fills, weighs and seals valve bags with speeds up to four bags per minute.

“In addition to exceptional reliability and accuracy, a key requirement of these machines is their ability to achieve a good quality seal,” said Calvin Schnoebelen, automation and control manager, Taylor Products. “To meet this demand, the machine employs the latest ultrasonic sealing technology with our TRU Seal ultrasonic sealer, which is specifically designed to work with our valve bag packer machines, including the Model A.”

The TRU Seal bag sealer uses ultrasonic waves to alter the molecular structure of the sealing agent without the use of heat resulting in a clean, positive seal. A rigid mount setup at the filling source reduces the amount of bag movement while maintaining the bag shape. The sealer is capable of handling both plastic and paper valve sealable bags.

At the heart of the valve bag packer and sealer system is an Allen-Bradley® MicroLogix™ controller from Rockwell Automation, which manages overall operation and control functions. The system also uses an Allen-Bradley PanelView™ Plus operator interface, which gives operators quicker and easier access to machine operating status, and helps quickly identify and diagnose problems.

# Solutions in action at Pack Expo 2008

Compared to relay logic or some type of proprietary system, the MicroLogix controller is very simple to program, which makes it easy to manipulate and modify the functionality of the equipment," Schnoebelen said. "This helps cut engineering and configuration time, and reduces operating costs for the end user."

Information is communicated via an EtherNet/IP network, which allows easy integration into the end user's overall plant information system. Taylor Products also teamed with Rockwell Automation Encompass Partner, Hardy Instruments, to design a weigh scale for the machine that communicates to the MicroLogix controller via EtherNet/IP.

"Our customers demand Allen-Bradley products from Rockwell Automation," Schnoebelen said. "They like the ease of use, familiarity, as well as the reliability. We've used other brands, but find it hard to match the level of support that we get from Rockwell Automation."

**For more information contact:**

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