

SOLUTIONS IN ACTION

PACK EXPO 2008



The PF129-TFB Former from Moen Industries



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



*Allen-Bradley PowerFlex® 4
Variable Frequency Drive*

Booth No. S-2547

Moen Industries is a leader in the design and manufacture of high-quality corrugated box forming and sealing equipment, specializing in "Bliss" box designs. With more than 50 years experience, Moen was the first company to build an automated bliss former and has since taken this packaging concept further than other machine builders. Today, the company's equipment offers higher throughput and sturdier end products than competitive machinery.

On display at PACK EXPO 2008, the **PF129-TFB former** is the only machine in the industry designed to form T-Fort Bliss (TFB) boxes – a display-ready corrugated box typically found in club stores. The patented TFB box is ideal for consumer packaged goods companies that require very sturdy and durable packaging for heavy products such as gallon-sized bottles of juice. The box design features:

- A center support spine for improved top-to-bottom compression strength and resistance against rough case handling
- Smooth ends for improved graphic capabilities
- Double-glued corners for increased strength and rigidity

The machine's rugged design allows end users to run up to 35 TFB cases per minute. The PF129-TFB incorporates many of the field-proven technologies used by Moen's PF129 series bliss and tray formers including an Allen-Bradley PLC-based system. "Our selection to use Rockwell Automation controllers is customer-driven," said Bob Storms, director of Sales and Marketing for Moen Industries. "Because of the Rockwell Automation reputation for quality and performance, more than 95 percent of our customers specify Allen-Bradley controllers."

Solutions in Action at PACK EXPO 2008



The PF129-TFB leverages the Allen-Bradley MicroLogix 1500 programmable controller. The most powerful member of the Allen-Bradley MicroLogix controller family, it is a cost-effective solution for applications that traditionally required larger, more expensive controllers. It features a removable processor, embedded I/O and power supply and EtherNet/IP connectivity.

Moen also uses Allen-Bradley PowerFlex 4 variable frequency drives in the PF129-TFB design. Available in power ratings from 0.2 kW to 3.7 kW (0.25 hp to 5 hp) and in voltage classes of 115 volts, 230 volts and 480 volts, these drives give manufacturers flexible and cost-effective speed control. Other Allen-Bradley components featured on the machine include push buttons, photo and limit switches, cables and relays.

“Aside from the great quality products, the main benefit of working with Rockwell Automation is its global supply and support network,” said Storms. “This gives us easy access to parts and technical consultants – improving our time to market. Meanwhile, our customers benefit from having local parts and support no matter where they are located.”

Other standard features on the PF129-TFB include:

- Belt drive feed system
- Color touch screen control panel and operator interface
- Top sheet feed system
- Vacuum assist feed systems
- Stainless steel paint finish
- UL-approved electrical control panel

For more information contact:

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