

# SOLUTIONS IN ACTION

PACK EXPO 2007



*The WAS Sleever Machine from ADCO Manufacturing*

## Booth No. C-1843

**ADCO Manufacturing** –Design simplification and component standardization make **ADCO's Wrap Around Servo (WAS)** sleever machine easier to operate and maintain.

The WAS sleever is equipped with the Allen-Bradley® ControlLogix® programmable automation controller from Rockwell Automation which features integrated sequential and motion control. This eliminates the need for multiple controllers each with their own I/O, wiring and programming. Programmed with Rockwell Software® RSLogix™ 5000 software, the ControlLogix controller provides a tag-based naming structure that greatly reduces programming times and puts data in a more usable format.

Designed for a variety of sleeving applications, the WAS sleever controls up to 10 individual axes of motion. A traditional mechanical sleever would require several gear boxes linked by complicated line shaft and chain assemblies. However, the WAS sleever uses third-generation servo technology, meaning it is completely servo-driven by multiple Allen-Bradley Kinetix® 6000 servo drives that directly drive each axis. This technology eliminates the need for complicated drive systems.

"Engineering the WAS wraparound sleever with servo technology has significantly reduced the quantity of parts inside the machine, making it mechanically simple and easier to work with for the end user," said Colin Warnes, marketing manager, ADCO.

In addition to making wiring, programming, operation and diagnostics faster and easier, the advanced control capability and innovative design of the Kinetix 6000 multi-axis servo drive also decrease ADCO's engineering and installation time while adding flexibility.



*Allen-Bradley ControlLogix  
Programmable Automation Controller*



*Allen-Bradley Kinetix 6000  
Servo Drives*

# Solutions in Action at PACK EXPO 2007

ADCO uses standard gearboxes and builds the WAS with only two sizes of servo motors. For end users, this standardization leads to lower inventory costs because there are fewer components on the machine to keep in stock.

Realizing that its customers are looking for safety, simplicity in operation and maintenance, ADCO continues to make ease of use and operator safety top priorities.

“Simplicity of design is one of our most important goals. With a simple design, we have found that our customers experience greater reliability, improved maintainability, and the need for fewer spare parts,” said Warnes. “We design it down to the basics so that everything on the machine has a purpose.”

Additionally, the WAS is built with a standard stainless steel frame and is designed to meet today’s stringent dairy and meat washdown construction requirements.

## For more information, contact:

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