

SOLUTIONS IN ACTION

PACK EXPO 2007

HARTNESS INTERNATIONAL



*Allen-Bradley® ControlLogix®
Programmable Automation Controller*



*Allen-Bradley Kinetix®
6000 Servo Drive*



The Hartness GlobalShrink Film Only Multipacker

Booth No. C-1633

Hartness International manufactures case packers, shrink wrapping systems, robotic solutions and its **DYNAC** line of accumulating conveyors for the food, beverage, pharmaceutical and other industries. Hartness International, a family owned and former soft drink bottler, began selling case packers in 1975. Over the years the company has expanded its range of equipment into robotics, and through Hartness Integration into suppliers of complete line integration, engineering and design services. Hartness Integration delivers complete turnkey production lines using the best-in-class equipment. The focus of these uniquely compact systems is to provide simplicity in operation, reduce labor requirements, increase flexibility and improve line efficiency.

Hartness Film Only Multipackers and **Tray Former Shrink Wrappers** bring innovation, precision, simplicity and reliability to shrink wrap packaging. These high speed shrink wrap systems feed containers into lanes, collate the containers into the correct package pattern and wrap the packages in either printed or unprinted polyethylene shrink film. The **GlobalShrink Film Only Multipacker** is capable of running two packages simultaneously at 80 cycles per minute.

Hartness International also manufactures 60, 80 and 100+ cycle per minute Tray, Pad and U board shrink film machines. These are single lane machines that feed a tray (with either 45 or 90 degree corners) pad or U board under the package, wrap either printed or unprinted shrink film around the package and advance the package into the shrink tunnel to shrink the package tightly together.

Solutions in Action at PACK EXPO 2007

A unique feature of the Hartness International GlobalShrink Tray, Pad or U board machines is a revolutionary system of delivering corrugated trays or pads to the machine. The GlobalShrink Top-Pick blank feed system feeds blanks off the top of a horizontal stack of blanks much like you would deal cards from deck. Blank feeding is simple and repeatable regardless of the weather or the age of the blanks.



The Hartness International GlobalShrink machines can be changed over by one machine operator in under thirty minutes without the need for tools. New package sizes can be added easily, so if the market changes, so can Hartness' customers. The machines have a unique slow speed film cutting system, customized film wrapping system and shrink tunnels which are highly insulated, quiet and require less energy than many competitive wrappers, resulting in lower long-term costs.

"We strive to provide our customers with machines that bring innovation, precision and most importantly, simplicity, to shrink wrap packaging," says John Loughlin, market development manager for film products, Hartness. "To accomplish this, we use solutions from Rockwell Automation that can provide customers with an easy-to-use, single platform for all machine functions as well as ongoing, responsive technical support."

Hartness uses an integrated suite of Rockwell Automation products to ensure the precision and high-speed performance of its shrink wrapper. The Allen-Bradley ControlLogix® Programmable Automation Controller (PAC) from Rockwell Automation manages discrete, motion and drive control applications while providing seamless information integration with the rest of the site.

The PAC delivers information to the touch-screen PanelView™ Plus 1000 human-machine interface, providing customers with easy access to critical, real-time data needed to run operations and improve production. Since Rockwell Automation offers a scalable range of solutions, Hartness can provide visualization hardware and software that closely matches the control and information needs of its customers.

The Rockwell Automation integrated control platform also includes compact Allen-Bradley Kinetix® 6000 multi-axis servo drives. By combining advanced control capability with innovative design features, these synchronized drives improve system performance while saving time and money. Customers benefit through faster and easier wiring, programming, operations and troubleshooting.

For more information, please contact:

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