

# SOLUTIONS IN ACTION

PACK EXPO 2008



Allen-Bradley® CompactLogix®  
Programmable Automation Controller



Allen-Bradley® Kinetix® 6000  
Servo Drive



The V 30 Vertical Case Packer from ESS Technologies

## Booth No. N-3336

Specializing in both primary and secondary packaging applications, **ESS Technologies** offers a broad portfolio of packaging machinery, customizable for any industry, including packaging pharmaceuticals, nutraceuticals, consumer products, and cosmetics.

New to ESS Technologies' lineup, and on display at PACK EXPO 2008, is the next-generation **Model V 30 Vertical Case Packer**, built on a FANUC robot platform. The multi-axis pick-and-place robot features customized end-of-arm tooling, offering end users the flexibility to run plastic or glass bottles, jars, cartons, bags and other containers all on one machine.

The balcony design of the V 30 protects the control system from dust and other particles underneath the production area. With a very small footprint of 3,330 mm by 2,185 mm, the V 30 is an easy fit to any manufacturer's packaging facility.

The V 30 Vertical Case Packer incorporates advanced automation technologies from Rockwell Automation. It is equipped with an Allen-Bradley® CompactLogix® programmable automation controller (PAC), which integrates discrete, motion and robotic control on one platform, saving valuable design and implementation time.

"One of the many reasons that ESS Technologies uses Rockwell Automation controls is the vast end user familiarity associated with them," said Allen Hall, systems engineer, ESS Technologies. "Because so many of our customers use the Rockwell Automation Logix Control Platform, there is little to no learning curve associated with a robot that is controlled by a CompactLogix."

# Solutions in action at Pack Expo 2008

Allen-Bradley Kinetix® 6000 servo drives and Allen-Bradley MP-Series™ Low Inertia servo motors from Rockwell Automation are integrated with the controller to provide seamless motion on the machine's multiple axes. The compact size and tight integration of the drives allows ESS engineers to locate them in the most convenient place on the V 30, maintaining the small footprint and using very little wiring conduit.

"With only one controller and tightly integrated motion controls, end users using the V 30 have been able to greatly reduce their spare parts inventory as well," said Hall. "If a part or field support is ever requested, the Rockwell Automation global supply and support network will be easily accessible to them."

The V 30 also features an Allen-Bradley PanelView™ Plus 600 human-machine interface (HMI) terminal, an Allen-Bradley ArmorBlock® I/O solution, and Allen-Bradley Bulletin 440R safety relays. Optional features include:

- Case coding
- Case labeling
- Various product infeed and collation features
- Integrated palletizing function
- High speed and pre-formed tray/case handling
- Suitable for e-pedigree track and trace applications

ESS Technologies Inc. is an authorized FANUC Robotics system integrator and Strategic Relationship Partner for secondary packaging of pharmaceuticals and cosmetics.

## **For More Information contact:**

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