

Solutions in Action

Wrapade Packaging Systems



The V-600 Series Vertical Pouch Machine from Wrapade

Wrapade®

PACK EXPO 2011

Booth C-3835

For more than 50 years, **Wrapade** has built high-performance, pouch-packaging machines. The **V-600 series vertical pouch machine** is designed specifically for pouches with a four-sided seal, and is ideal for manufacturers in the pharmaceutical, nutraceutical and medical device industries.

The machine design includes the ability to add an in-line film-printing system that allows for printing on both sides of the pouch. It also features a tablet feed system that is capable of packaging up to 2,000 pouches per minute, and features a changeover process that allows customers an advanced level of flexibility to package a variety of products.

This high level of performance and flexibility is possible with help from the Rockwell Automation Integrated Architecture™. The V-600 series is controlled by an Allen Bradley ControlLogix programmable automation controller (PAC), which integrates discrete and motion control into a single platform. By doing away with multiple controllers, Wrapade eliminates the need for several programming environments and provides users of the V-600 series with an advanced level of machine synchronization.



Allen-Bradley® ControlLogix®
Programmable Automation Controller



Allen-Bradley Kinetix® 6000
Servo Drive

LISTEN.
THINK.
SOLVE.™

The Rockwell Software® RSLogix™ 5000 programming software from Rockwell Automation also allows Wrapade engineers to design the V-600 series around current, open standards such as ISA-88 and ISA-95. In addition, using the Rockwell Automation Power Programming methodology along with the Vertical Form Fill Seal library objects has helped to reduce design time. By adhering to open standards, the V-600 series can be more quickly and easily integrated with a customer's existing and future machinery, and will be easier to use and maintain.

As the motion control component of the Rockwell Automation Integrated Architecture, Wrapade's V-600 series leverages Allen-Bradley Kinetix Integrated Motion, including Kinetix 6000 servo drives, which control the velocity and positioning of the infeed, sealing, perforating and cut-off knife mechanisms of the machine. Because motion control is integrated into the Logix control platform over a SERCOS interface, the drives and motors require less wiring and supporting hardware.

Also part of the Integrated Architecture system, the V-600 series leverages an Allen-Bradley PanelView™ Plus 1000 human-machine interface (HMI), allowing operators to easily monitor machine performance in real time. The entire control system is connected by EtherNet/IP, which allows for remote technical support.

"Beyond the quality and performance benefits, the other deciding factor in building the V-600 series on the Rockwell Automation Integrated Architecture was the reassurance for ongoing support that came with it," said Wrapade President Bill Beattie. "We can easily monitor and troubleshoot our customers' machinery anywhere in the world, and they can access the Rockwell Automation global network to get the parts they need to keep the machine in top performance for years to come."

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