

Solutions in Action

AFA Systems



CE-TRS Transrector™ All Servo Case Erector
from AFA Systems



Allen-Bradley® CompactLogix™
Programmable Automation Controller



Allen-Bradley Kinetix® 300
Indexing Servo Drive



PACK EXPO 2012

Booth S-1254

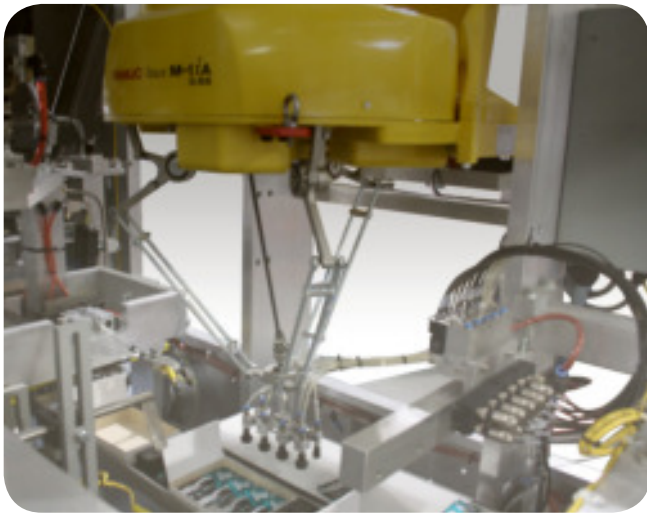
AFA Systems Inc. is a leading provider of innovative, reliable automated packaging solutions to many manufacturers of consumer products and pharmaceuticals worldwide. With more than 60 years of experience, the Brampton, Ontario-based company offers unique, custom solutions to fit a wide range of product-handling and packaging automation needs.

AFA Systems delivers a complete line of packaging solutions, including horizontal and vertical cartoners, carton and case formers, top and end load case packers, carton, case, and tray erectors, tray feeders and denesters, accumulators, palletizers, robotic systems, machine rebuilding and retrofitting.

On display at PACK EXPO 2012 is the new **CE-TRS Transrector™ All Servo Case Erector**. The Transrector provides the ultimate benefits in case erecting flexibility. With a push of a button all the dimensions on the case are changed. In addition, the Transrector incorporates a Flat Stack Magazine™ and Cartesian Robot case erecting technology. This unique combination eliminates tabs and pins on the magazine for fast and repeatable changeover. Therefore, no adjustment of the tabs and pins is required. The Cartesian Robot includes a pick and erect system which avoids warping and damaging cases due to side seam glue issues. These features combine to maximize the Transrector's overall operating efficiency.

The CE-TRS Transrector All Servo Case Erector relies on an Allen-Bradley® CompactLogix programmable automation controller (PAC) to manage overall case forming functions. The multidiscipline controller combines discrete and motion control into one platform, resulting in reduced maintenance and lower operating costs.

LISTEN.
THINK.
SOLVE.



HD-RSP with Integrated Delta 3 Robot from AFA Systems

The machine delivers motion precision and accuracy with an Allen-Bradley Kinetix® 300 EtherNet/IP indexing servo drive from Rockwell Automation. Using a servo drive, the machine provides increased flexibility and fast changeovers to accommodate different box sizes. An Allen-Bradley PanelView™ Plus 700 touch-screen human machine interface (HMI) allows operators to easily access information about machine activity and productivity and quickly identify and troubleshoot problems.

“The Allen-Bradley Kinetix 300 indexing servo drive and PanelView Plus 700 operator interface allow the end user to initiate a changeover with the touch of a button,” said David Langen, electrical engineer, AFA Systems.

Also on display in the booth is a **HD-RSP Heavy Duty Integrated Robotic Systems Servopack Cartoner**. It fully automates the process of loading trays with different types of products including sticks of product or bags of product. With an integrated Delta 3 pick-and-place robot with vision, products do not have to come uniformly to the loading area. In addition, an integrated tray/carton forming system allows for a very small footprint on a production floor. The HD-RSP relies on an Allen-Bradley ControlLogix™ programmable automation controller (PAC) to manage overall packaging functions.

An Allen-Bradley Kinetix 2000 low power multi-axis servo drive and MP-Series™ low inertia servo motors provide precise motion control. The simple modular design of the servo drive lowers wiring costs and helps achieve a smaller footprint. The servo-driven HD-RSP provides the flexibility to accommodate many customer needs, such as adding a leaflet feeder.

“Our customers are very familiar with the Rockwell Automation control system, which helps simplify maintenance and lower operating costs,” said Langen. “Plus, our partnership with Rockwell Automation helps us continue thinking outside of the box to deliver innovative packaging solutions.”

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