

# Emerson's single point of pneumatic control cuts packaging equipment assembly time

## RESULTS

- Achieved efficient, single point of control for machine pneumatic components
- Cut machine assembly time up to 20%
- Established single-source pneumatic system supply chain



## APPLICATION

Packaging

## CUSTOMER

Packaging equipment manufacturer

## CHALLENGE

A packaging equipment manufacturer built a new line of customized folding and rewinding machines. The machines processed paper, film, and textiles, and placed them in rolls or containers. The integration of the machines' pneumatic system components had become slow and hard to manage. The company desired a single-source pneumatic supplier with a broad range of quality products. The manufacturer also wanted components that could optimize control and communications and accelerate assembly speed.

## SOLUTION

Emerson's technical support team worked with the customer to design a new pneumatic control system for the packaging machines. The heart of the system was the ASCO™ G3 electronic valve manifold. The G3 manifold controlled and communicated with all of the other pneumatic components in the system. These included ASCO Series 501, 502, and 503 directional control valves; Series 650 air preparation equipment; and Sentronic proportional valves to maintain paper and film tension. This solution was significantly more efficient than the OEM's previous pneumatic designs. In addition, it cut assembly time by up to 20%. The customer has established Emerson as its single-source pneumatics supplier and is very pleased with the performance of the new system.

*Emerson provided a customized ASCO™ solution that proved to be significantly more efficient than the customer's previous pneumatic designs.*

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