

Compact by Design

Inch Cylinders Maintain Quality On Laminating & Converting Equipment

Application Challenge

A leading manufacturer of laminating and converting equipment utilizes Compact Automation Products (CAP) standard inch series cylinders to maintain quality of the laminated piece.

The application required (2) actuators coupled to various mechanisms. The device, powered by the CAP cylinder had to keep constant tension on the rollers, regardless of roll thickness, weight or feed rate, ensuring a quality product every time.

Project Solution

The customer used CAP standard cylinders, models BD3x312-FTD and BD2x212-FT, to meet the space efficiency requirements and to minimize the internal constraints.

The units pictured (right), were displayed at the Photo Marketing Association Show (PMA) in Orlando, Florida. The "Badger" project, named after the company's headquarters located in Badger, Wisconsin, was specially created as a tribute to the company's founder.

Customer Benefit

The CAP units were provided in a special gold anodizing, signifying the high standard that both the customer's machines and CAP products have maintained for more than 25 years in the industry.

The "Badger", a modified version of the customer's 6400 Laminator, was designed in the spirit of the hit TV show, American Chopper. When possible, all components were either chrome plated or gold anodized.

Compact's distributor Techmaster, was chosen as the premier supplier by providing this customer quality components from CAP that allow for full space utilization inside the laminator machine cabinets. CAP cylinders also provide the consistency needed to maintain the constant roller tension desired.

