

## Emerson Automation Solutions in Packaging

### OVERVIEW

Emerson is a global technology and engineering company providing innovative solutions for customers in industrial, commercial and residential markets. [Emerson packaging expertise and technologies](#) enable packaging lines in the food and beverage, pharmaceutical and personal care industries to gain flexibility, reduce losses and improve safety.

### MARKET DEMANDS

Consumer demand for more convenient products has resulted in an unprecedented level of product variety and complexities for packaging operations. As packagers look to stay financially viable in a competitive global market, they must find ways to accommodate an increasing variety of products while limiting their losses and increasing operator safety.

### PACKAGING CHALLENGES

- **Flexibility** – *Gain flexibility to meet market demands without compromising productivity*
- **Connectivity** – *Gain real-time insight into machine / line performance without complexity*
- **Waste** – *Reduce costly product losses and material scrap*
- **Contamination** – *Ensure safety and quality in throughput and final product*
- **Safety** – *Protect personnel and reduce risk without impacting productivity*

### EMERSON PACKAGING SOLUTIONS TO INCREASE EFFICIENCY, COMPETITIVE ADVANTAGE

#### ASCO™

Valve technologies and fluid control products for packaging electronics with enhanced control and safety systems and increased connectivity for better line insight and flexibility

#### BRANSON™

Ultrasonic cleaning and welding systems that minimize waste and contamination with effective seal and heat removal technology

#### CASCADE™

Advanced leak detection and analysis systems to reduce waste and contamination while maintaining product quality and operational safety with high sensitivity

#### MICRO MOTION™

Precision measurement and diagnostics solutions to achieve filling flexibility, promote connectivity, prevent scrappage and minimize waste

#### ROSEMOUNT™

Measurement and analytical technology for flexible, integrated and intuitive packaging

#### SOLAHD™

Stand-alone power systems that allow for flexibility, reliability and improved operator safety