



4 Automation Tips To

Unlock More Packaging

Line Flexibility

Consumer packaged goods (CPG) operations need to quickly adapt to constant change in consumer trends, product range and packaging designs. To be competitive in this environment, packaging lines need streamlined automation systems that allow faster changeovers with minimal engineering.

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Here are four automation best practices that can help any packaging line maximize their flexibility and productivity.

1. SIMPLIFY ENGINEERING WITH OPEN CONTROLS

Packaging operations don't have time for lengthy engineering cycles. ctrlX AUTOMATION streamlines engineering with an open architecture and an app-based approach to automation. Now, adding new system functions is as easy as downloading an app or programming a new one in whatever coding language your engineers know. This also makes it easier to integrate new machines or other technology into a complete system that can offer much greater connectivity.

3. SPEED UP CHANGEOVERS WITH SMARTER MECHATRONICS

CPG operations need faster ways to automate applications like package sealing, embossing, forming or pick-and-place operations. The Smart MechatroniX solutions platform lets engineers quickly deploy Cartesian-style robots with systems that are ready to use "out of the box." These highly configurable solutions help operations speed up time to market and changeovers with a simplified engineering process.

2. BE FUTURE-READY WITH MODULAR, CONNECTED CONVEYORS AND TRANSPORT

Transport technology is more connected and more modular than ever before, making it one of the most effective ways to achieve an agile packaging operation. Plastic chain conveyors, like VarioFlow *plus*, offer the ultimate in modularity, while transfer systems like ACTIVE Mover offer built-in connectivity to tool your packaging line for the future.

4. IMPROVE PRODUCTION FLOW WITH MORE VERSATILE AMRS AND COBOTS

AMRs and cobots are becoming increasingly common in CPG manufacturing, but not all offer the flexibility packaging lines need. AMRs like the MP1000R can handle a wider range of tasks and payloads – up to 1,000 kg – to improve production flow. They can also interface with other equipment, like conveyors or cobots. The Kassow Cobot also offers more functionality in any manufacturing footprint with a 7-axis system that gives more positioning flexibility.

Choose a technology partner who can support you from beginning to end.

Bosch Rexroth's complete automation offering extends well beyond the technology. Behind every solution are decades of application expertise, and Bosch Rexroth supports operations for the long haul with full lifecycle engineering support and expert service.

Get started at

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