Motion Solutions for Packaging Applications

Linear and rotary components for optimal packaging machine performance
Helping You Build a Better Packaging Machine

Often the ideal design solution is not about finding the fastest, sturdiest, most accurate or even the least expensive option. Rather, the ideal solution is the optimal balance of performance, life and installed cost. Thomson is best positioned to help packaging industry machine builders quickly configure a balanced motion solution for each application.

**The right technology for each job.** Frequently the same machine function can be achieved in different ways. Thomson owns the broadest offering of mechanical motion technologies in the industry. We offer unbiased counsel on the best choices for each application.

**The optimal form, fit and function.** Thomson offers the broadest collection of standard products. Modified versions of standard products are routine. White paper solutions are available across the entire portfolio. Special needs can be addressed. For example, many Thomson products offer stainless steel and other protective options for food/beverage, wash down, particulate and corrosive environments.

**Unmatched application expertise.** Choose Thomson and gain access to over 70 years of global application and problem-solving experience across many industries.

**More competitive packaging machines.** Thomson is available early in the design process to help optimize machine performance, life and cost. Then enjoy peace of mind during the production life of your machine as we provide the quality components, predictable costs and on-time delivery to keep your business running smoothly. Thomson is the name you can trust. Call us today or any of our 2,000+ distribution partners around the world.
Pick-and-Place / Palletizing

Illustrated here are just a few of the many ways that Thomson adds value to packaging machines. For example, this four-axis pick-and-place robot could be used for palletizing and loading. Thomson linear components and pre-assembled linear systems can be configured into small and large multi-axis motion solutions.

Label Printing / Scanning

Accuracy, high speed and flexibility can be achieved with modest mechanical engineering effort when Thomson is your partner. Our vast breadth of standard motion control components and decades of application experience make your job easy.

Simple engineering achieves optimal performance with Thomson.
Stretch Wrapping

Simple, high-quality machines can be built from standard components providing long life, virtually maintenance-free. Thomson owns multiple linear motion technologies capable of accomplishing the same task and unbiased support to help dial in the optimal balance of performance, life and total cost.

Speed up the design process and fine-tune your machine with help from Thomson.

Carton Packing

If you are building your own production line or manufacturing machines for resale, Thomson is uniquely positioned to help you get the job done right the first time.

Carton packing applications, for example, may have special needs best met with a combination of standard and customized mechanical components. At Thomson, modified versions of standard product are routine. White sheet design solutions are available across the entire product portfolio.

The optimum form, fit and function for your machine is not to be found at competitors with limited product lines and bargain-basement parts.
PET Bottle Manufacturing

Choose Thomson as a partner and work side-by-side with the inventor and longtime owner of multiple mechanical motion technologies. Leverage decades of application experience on six continents to help build your next machine.

Two carriages are mechanically synchronized to optimize pick-and-place workflow while the rodless electric actuator performs the molding.

Give Thomson a call to discuss the full range of options to optimize performance and control costs.

Filling

The right mix of linear motion components enables this filling machine the flexibility to handle a wide range of tasks with minimal changeover.

Work with Thomson early in the design process, then enjoy peace of mind during the production life of your machine as we provide quality components, predictable costs and on-time delivery to keep your business running smoothly.
Thomson Understands the Packaging Industry

We are deeply experienced with the critical motion-control challenges of the packaging industry, and we have developed quality products and solutions to address them. For example, our Micron gearheads can be ordered in 100 percent stainless steel and with food-grade lubrication. Many Thomson products feature special coatings and other protective options for use in wash-down, particulate and corrosive environments.
The Broadest Line of Rotary and Linear Motion Components for Optimized Life, Performance and Cost

Thomson is linear motion optimized. We own the broadest standard product offering of mechanical motion technologies in the industry. We routinely and confidently provide modified versions of standard products. And white-sheet design solutions are available across our entire product portfolio.

Thomson invented anti-friction linear technology over 70 years ago and has led the industry ever since. The Thomson brand is recognized and trusted as the global leader in linear motion technology. Turn to us for your packaging motion needs.