



## 89% Energy Savings Achieved By Switching From Pneumatic To Electric With Thomson PC Series Actuators

**Raaco International also improved precision and control with Thomson precision actuators on their plastic welding and injection molding systems.**

The sound of air leaking from the aging pneumatic actuators at Raaco International was indicative of the potential impact on the company's profit. 60 years ago, when Raaco started manufacturing plastic drawers and mobile storage solutions, pneumatic actuators were the technology of choice for injection molding and semi-automatic welding line automation. But pneumatic cylinders are susceptible to pressure loss and leakage and this was beginning to take its toll at Raaco.

Driven by a need for increased performance to compete in global markets and rising energy costs, Raaco decided to upgrade its actuators to an electric solution from Thomson: **The PC Series electric actuators are optimized to help design engineers convert from pneumatic to electric linear actuation.** The units require less maintenance, simplify machine design, offer significant cost savings and are ideal for 100% duty cycle applications that require high accuracy and reliability.



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## Easily Service Thomson Motorized Lead Screws In The Field

Traditional lead screws with direct couplings typically have an external coupling that joins the lead screw with the motor, or the lead is directly coupled by a press fit or welded directly to the motor.

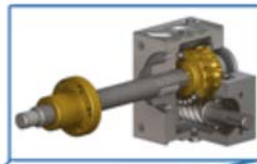


The precision-engineered Thomson MLS units combine a hybrid stepper motor and lead screw in one, compact envelope. Innovative Thomson Taper Lock (patent pending) allows engineers to decouple the lead screw in the field without removing the stepper motor.

**Learn more in Thomson's Tech Tips Video:**

**Watch the Video here >**

## + applications/tools/products



## New Thomson® Screw Jacks Selector

**Accelerate the configuration of Screw Jacks to suit your specific application requirements.**

Quickly and easily configure Screw Jacks based on screw configuration, rotation features, lifting capacity, screw type, gear speed and ratio.



With the new Screw Jacks Selector you can:

- Get detailed specs, performance tables and dimensional drawings
- Review accessories, adapters and mounting options
- Request a formal quote

**Start selecting Screw Jacks now >**

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