



## Smart linear actuators are extending plant control capabilities and cost savings



Industrial devices are becoming more intelligent and interconnected, and smart linear actuators such as those from Thomson are no exception. A recent article in Plant Engineering explores the integration of these actuators into factory automation and how they are reshaping the plant floor and associated maintenance functions.

Featuring integrated electronics, smart linear actuators offer machine designers benefits such as:

- Increased energy efficiency
- Minimal attention to external wiring required
- Diagnostics across the network bus
- Safer operation
- Condition monitoring
- Allows for more strategic maintenance

**What functions can smart actuators improve in your facility?**

[Explore Thomson Smart Actuators >](#)

[Read the Article >](#)

### + education/events



#### New Video on Smart Actuators: Designing Smart Machines with Smart Tools

Thomson is advancing linear actuation technology with a new generation of smart electromechanical actuators. We integrate onboard electronics directly into the actuator, and resulting benefits to your machine design can include:

- Improved control
- Reduced complexity
- Fewer components
- Reduced installation time
- Lower overall costs

Watch our new video, which details the technologies, applications and products of smart actuation.

[Watch the new video now >](#)

+ news



## Thomson Publishes Metric Ball Screws Brochure

We would like to inform you about a new Thomson brochure available in Europe in both printed and digital versions:

**"Metric Precision Ball Screws - Made in Germany"**  
in [English](#) and [German](#).

This new Thomson brochure details our line of rolled, whirled and ground ball screws and assemblies which are manufactured in Germany.

It presents motion system designers with richly detailed 3D application renderings of fabrication equipment of all sizes, robots and factory automation, aircraft and vehicle construction, and medical devices, as well as sizing and selection guidance.

[Order a free printed sample >](#)

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**Publisher: Thomson Industries, Inc.**

[sales.europe@thomsonlinear.com](mailto:sales.europe@thomsonlinear.com)

**THOMSON NEFF GmbH**

Nürtinger Str. 70 | 72649 Wolfschlugen | Germany

Phone +49 7022 504 0 | Fax +49 7022 504 405

[sales.germany@thomsonlinear.com](mailto:sales.germany@thomsonlinear.com)

[www.thomsonlinear.com](http://www.thomsonlinear.com)

**THOMSON Tollo Linear AB**

Estridsväg 10 | 29165 Kristianstad | Sweden

Phone +46 44 246700 | Fax +46 44 244085

[sales.scandinavia@thomsonlinear.com](mailto:sales.scandinavia@thomsonlinear.com)

Register Office: Local Court Stuttgart, HRB 220154

Managing Directors: Wolfgang Becker, Hannes Koch, Scott Benigni