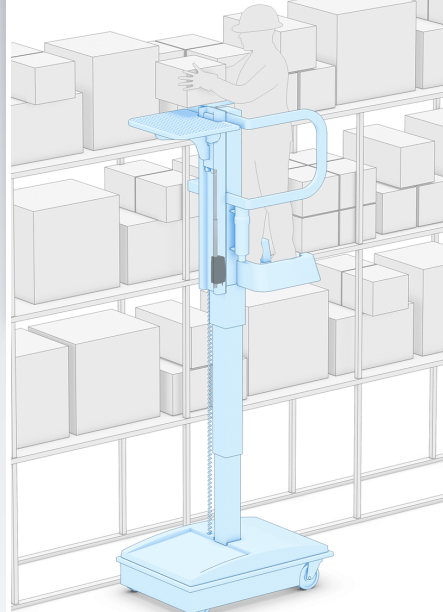




## Thomson electromechanical actuators play key role in helping vertical motion designs reach new heights



In addition to material handling applications such as this, electromechanical actuators are ideal for many other vertical lifting applications in factory and structural automation, and mobile on/off highway.

### What makes industrial linear actuators ideal for vertical lifting applications?

In a recent *Design World* article, Thomson Product Line Specialist for Industrial Linear Actuators, Travis Gilmer, shared his thoughts on some key factors that he feels have made these products invaluable to vertical applications across many markets. He also explained how linear actuators have been able to overcome many of these applications' vertical lifting challenges such as:

- The integration of electronics allows for a turnkey setup for controlling complex, complete lifts.
- Uneven or moment loads can be resolved through bearing-supported actuation and/or synchronization of multiple actuators.
- Electronic load sensing stops actuator movement if an overload is detected, keeping workers and the equipment safe.

For more details on these challenges plus a look at five things to consider for your vertical applications, check out the full article.

[Size and select Thomson linear actuators for your designs >](#)

[Read the article >](#)

## + education/events



This webinar was presented by Chad Carlberg and Travis Gilmer of the Thomson industrial linear actuator product management team.

### On-Demand Webinar Recording Smart Advancements in Industrial Linear Actuation

In this presentation, learn how the technology behind industrial linear actuation has been adapting to Industry 4.0, thereby introducing the "smart factory," reshaping how machine designers approach their work and opening up new opportunities for actuation in a multitude of markets and applications.

[Watch the recording now >](#)

+ applications/tools/products



**Experience what 70+ years of linear bearing, guide and shafting excellence can do for your machine designs**

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Thanks in large part to our technical standards and manufacturing processes, Thomson has continued to set the bar for RoundRail linear guides and components. These advanced, reliable linear motion products deliver key advantages to countless markets and applications, making them go-to components for customers just like yourself. These include:

- Inch and metric Linear Ball Bushing® Bearings, including pillow blocks
- Inch and metric 60 Case® LinearRace® shafting, including quick shafts
- RoundRail linear guides, including end supports

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