



TECHNICAL ARTICLE:

**Achieving high power doesn't require bulky components
New compact electric linear actuators
can fulfill your needs**

More and more applications for mobile off-highway, material handling, factory automation among others are requiring the actuation of heavier loads in more constrained spaces without the environmental and maintenance drawbacks of hydraulic systems. This trend has led design engineers to begin taking advantage of smaller-form-factor electromechanical linear actuators, which not only deliver the necessary power but smart control capabilities via integrated onboard electronics as well.



Even with a compact chassis, the new Thomson Electrak® MD smart electric actuator can handle up to 2 kN/450 lbf loads.

Click below to read the full article and learn how these actuators are answering the call for demanding design requirements and delivering new benefits to a number of diverse applications.

[Read the Full Article >](#)

[Size & Select Your Ideal Electric Actuator >](#)

+ education/events

Boost your ball screw knowledge with two new webinar recordings

Whether you're new to ball screws or a seasoned pro, it's always good to continue learning about linear components and how they can improve your designs. Recently, we hosted and recorded a couple of webinars focused on ball screws that could benefit your projects. Give either or both a listen when you've got some time, and keep an eye out for future webinar invites.



[Considerations and Calculations for Choosing the Right Ball Screw for Your Application >](#)

[Maximize Load Capacity, Lifecycle and Compactness of Your Linear Motion Designs >](#)

Our most popular profile rail SKUs are ready for same- or next-day shipment

Thomson stocks the most popular **400 Series profile linear guide and rail SKUs**, ready for same- or next-day shipment from our Marengo, IL, facility.

- Wide offering of the most common carriage styles with matched rails from our cut center.
- Profile rails provide the “just-right” fit for your applications with genuine Thomson quality.
- Drop-in replacement product for common alternatives. Click the link below and go to page 2 to see the competitive cross reference chart.
- Enhanced Kanbans have these carriages and rails stocked for same- or next-day shipments.
 - Immediate shipments limited to 25 carriages/order/SKU
 - Rail shipments limited to 10 cuts/order/SKU
- Accessories available to ship within two days.



[View 400 Series Express Flyer >](#)

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