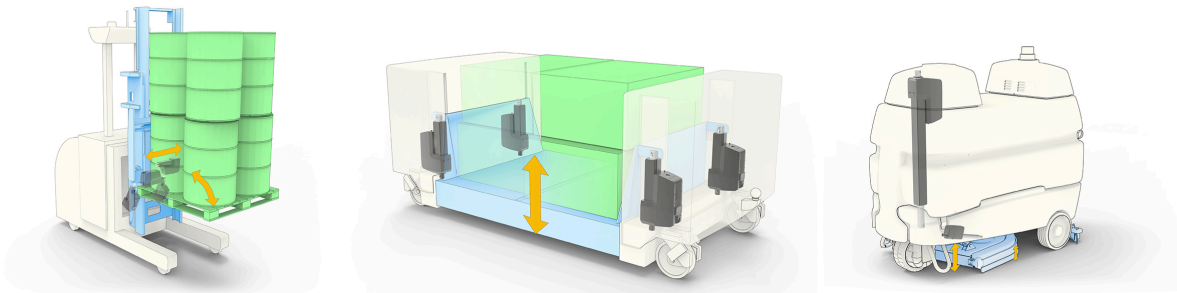


## Electrification of Linear Actuators Brings New Productivity and Flexibility to Material Handling



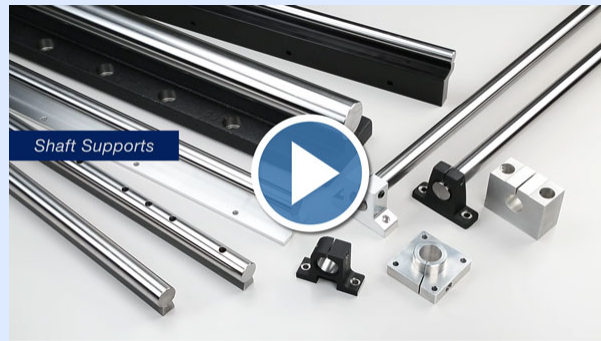
Electric linear actuators are raising material handling to new heights. As digital transformation extends the scope of automation to more axes and electric linear actuators handle increasingly heavier loads, more material handling system designers are converting hydraulic and pneumatic motion control to electric, especially in new projects. Linear actuator suppliers, including Thomson, are responding with innovations that extend the scope of material handling automation in load management, sizing, intelligence, durability, energy efficiency, safety, and ergonomics. A recent article (also published in *Control Engineering*) takes a look at the key considerations for automation within material handling and the many qualifications that electric linear actuators offer these applications.

[READ THE FULL ARTICLE](#)

[TRY OUR ACTUATOR SELECTOR TOOL](#)

## VIDEO: Choosing a Thomson Shaft Support

Shaft supports are needed for mounting round shafting to be used as a linear guide. Watch this video to learn about the different styles and how you can use them in your designs.



WATCH THE VIDEO

FIND YOUR SHAFTING SOLUTION

## Add speed, control and more to your long-life actuator solution

The long life of [Thomson Electrak LL](#) makes it ideal for applications where before it may have been difficult or impossible to use electric linear actuators due to life expectancy constraints. As part of a product line expansion, the LL now offers your machine designs a higher speed option, more electronic control options including CANopen®, SAE J1939 communications and analog feedback, and a 48-volt option to



*The Electrak LL's new options are ideal for applications such as smart railway pantographs and couplers, AGVs, automated farming robots, movable steps, and access lifts for trains and buses.*

meet the power requirements in  
battery powered applications.

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