



TECHNICAL ARTICLE

Electrak® HD Linear Actuators Keep Spika Work Platforms In Sync

After unsuccessful attempts with hydraulics and other linear actuators, Spika Design & Manufacturing found the ideal solution for its work platforms in Thomson Electrak HD electric linear actuators. With customers increasingly demanding greater height variations on heavier loads, the Electrak HD's synchronization option has helped maintain a constant speed of actuation even in the presence of alternative loads on the actuators. This feature has provided Spika customers in aerospace, manufacturing and other industries with **improved performance, functionality and safety.**



“Especially in comparison to hydraulic systems, the Thomson synchronised actuators provide us an optimal solution for our applications,” said Spika.

“With Thomson’s synchronised actuators, our platforms stay level regardless of the load distribution; something that hydraulics cannot do easily.”

Click below to read the full *Design Solutions* article and learn more about Spika's use of Thomson Electrak HD linear actuators.

[Read the whole article >](#)

[Find your ideal electric actuator >](#)

Explore How Smart Actuators Can Improve Application Control, Flexibility And Efficiency
Access our new white paper

Thomson is advancing linear actuation technology with a new generation of

smart electromechanical actuators. Smart actuation begins with the integration of onboard electronics directly into the actuator. Resulting benefits to your next machine design can include:

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

These actuators are tough. Thomson smart linear actuators have been lab-tested to exceed the toughest OEM mechanical and electrical component tests on the market today.

[Access "The Fundamental Benefits of Smart Actuators"](#) today and learn more by taking a look at a new white paper that details the history, technologies and future applications in smart actuation.



[Access the white paper >](#)

Find The Right Stepper Motor Linear Actuators - *FAST*

Try our new online product selector tool

When you need the right type of stepper motor linear actuator for your machine designs, you can't afford the time to conduct an extensive search - especially without having the certainty that you're choosing the exact model required. Thomson's enhanced online **selector tool for stepper motor linear actuators** addresses this problem, simplifying the search and selection process to help you quickly identify the right motor with the right type of lead screw (if necessary), access a 3D model with just one click, and view product specifications.



Try the tool >

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