



TECHNICAL ARTICLE

Improve efficiency and productivity while reducing operating costs with electro-hydraulic actuators

Packing more power into smaller spaces is a common goal for industrial designers, and actuators used in outdoor equipment are among the linear components facing this demanding requirement. With the many drawbacks of traditional hydraulic systems, many designers are realizing the benefits of electro-hydraulic linear actuators. Containing powerful hydraulic systems in a housing similar to that used in a conventional electromechanical actuator, these hybrid tools deliver the best of both worlds without the downsides. Some benefits include:

- High-density load handling
- Shock resistance
- Higher total cycle speeds
- Cleaner, safer operation
- Simpler integration into existing systems



The Thomson H-Track electro-hydraulic actuator provides the performance of hydraulics without the expansive space requirements nor the prohibitive cost of full-sized hydraulic systems.

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[LEARN MORE ABOUT THOMSON H-TRACK ACTUATORS](#)

SAVE A SEAT FOR OUR NEXT WEBINAR

THURSDAY, OCTOBER 1

The Latest Smart Actuator Advancements

Electric linear actuators, which are integral to countless heavy duty applications across industries, continue to meet the demand for sophisticated, easily controlled industrial machinery and devices.

Join us for this 30-minute webinar on October 1, which will cover the latest advancements you can find available with today's smart linear actuators. These include position feedback, condition monitoring, CANopen industrial networking protocol, brushless motor technology, expanded input voltage options and many more.



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Visualize your customers' linear motion solutions

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Sometimes it takes a visual of a concept or product to fully understand how something looks or works, so we at Thomson continually work to build upon a helpful video library for our partner and customers. Covering a wide range of our product categories, including actuators, ball and lead screws, Linear Ball Bushing® Bearings, and linear motion systems, these 60+ videos include how-to instructions,



success stories, product comparisons,
technology spotlights, application details
and more.

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