



New Options for WhisperTrak™ Linear Actuators Deliver Benefits to Motion System Designers



New WhisperTrak models include an IP67 static environmental rating, which provides the ability to operate in harsh conditions in which they are exposed to washdown, rain and dust without the use of an additional cover.

The popular Thomson WhisperTrak line of electric linear actuators has been expanded to give designers greater ability to extend quiet, compact actuation to more demanding applications.

These new additions:

- Double force-handling capability from 2kN to 4kN.
- Provide higher-speed operation at 2kN.
- Offer new options for low-level switching, limit switching and position control at both 2kN and 4kN operation.

New electronics options, which allow designers to work smarter, include:

- Two-wire switching with only electronic limit switches promotes easy installation and retention of end-of-stroke protection.
- Adding electronic limit switches to our potentiometer and digital encoder feedback options, which lets you run the actuator without risking damage due to an overload condition or reaching the end of stroke.

[Download the WhisperTrak brochure >](#)

[Find the right actuator for your application >](#)

+ education/events



Tech Tips Video

Ball vs. Lead Screw Technology

While both ball and lead screw drive systems can be found within Thomson actuators, do you know which is the best fit for your specific application?

This quick new video explains the key differences between the two screws to help you achieve maximum efficiency in your actuation

performance.

[Watch the video now >](#)

+ applications/tools/products



Save time and money with Inch Series precision ball screws

Need dependable accuracy and repeatability at an economical price?

Thomson precision rolled inch ball screws are available in a full range of diameters, leads and ball nut configurations; in either preloaded or non-preloaded types; and all in industry-standard envelopes.

- Replace conventional actuation systems, such as acme screws, hydraulics, or pneumatics, to reduce the need for auxiliary equipment.
- Tangential ball returns minimize recirculated bearing ball deflection for smoother and quieter operation.
- 90+% efficiency with a constant low coefficient of friction.
- Gothic arch ball groove geometry extends service life, reduces lash, and optimizes stiffness in preloaded assemblies.

[Size your system >](#)

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