



Research team develops new Tesla coil designs with support of a high-precision Thomson ball screw assembly

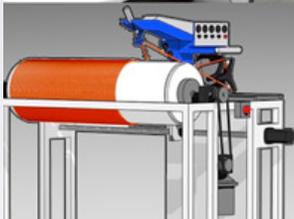


Researchers at The Geek Group National Science Institute in Michigan, USA, are revisiting Tesla's vision of creating an open, wireless technology that would transmit power around the globe without cables, and they are seeking to discover new uses.

With the help of a Thomson precision ball screw assembly, they automated the winding process with the steady motion needed to keep the coil turning reliably and precisely for days at a time.

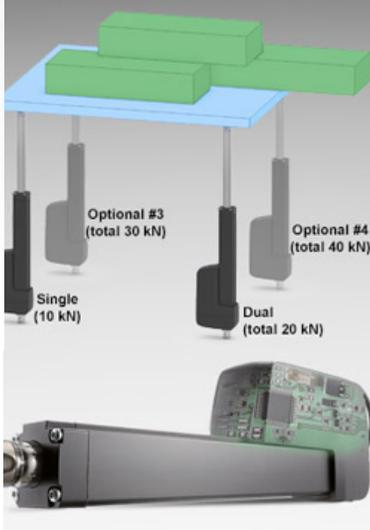
Will the Geek Group end up realizing Tesla's vision? A recently published article in *Applied Automation* details their visionary research.

[Read the whole story >](#)



+ applications/tools/products

Synchronization: Multi-Actuator Control for Level Support of Uneven Loads



The new synchronization option enables motion integration of up to four Electrak HD actuators.

New synchronization option for Electrak® HD actuators adds even more control to machine designs

Designers of equipment in which large or awkward loads must be moved repeatedly and evenly, such as table lifts or heavy hoods on construction equipment, can now simultaneously distribute that load. The Thomson Electrak HD electromechanical linear actuator, is now available with a synchronization option that allows up to four HD units to share a load and thereby:

- Improve handling of uneven or offset loads.
- Open up new application opportunities where a single actuator couldn't handle the load.
- Take advantage of a more stable and potentially quicker lift.
- Simplify installation and system wiring, and eliminate additional guides.

Learn more about achieving synchronization more easily and cost effectively:

[Size and select Electrak HD actuators >](#)

[Download the new Electrak HD brochure >](#)

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