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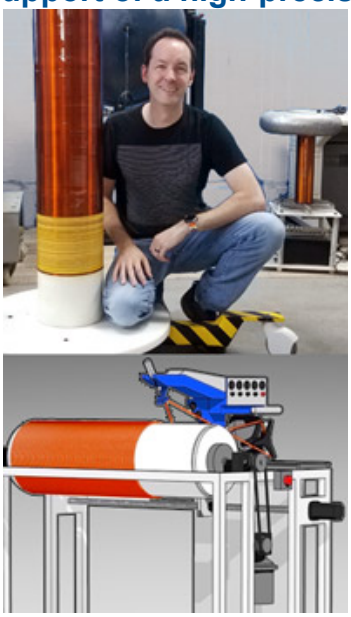
Research team develops new Tesla coil designs with support of a high-precision Thomson ball screw assembly



Researchers at The Geek Group National Science Institute in Michigan are revisiting Nikola 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.

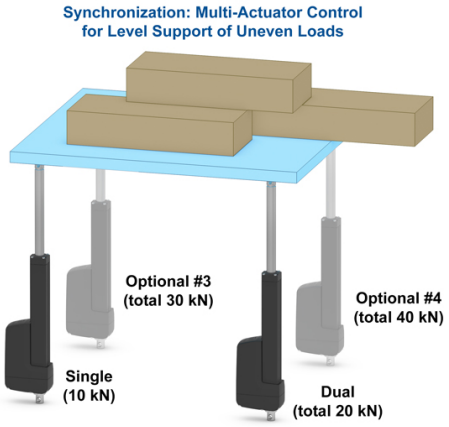
With the help of a Thomson precision ball screw assembly, they automated the winding process with the steady motion needed to keep the coil turning reliably and precisely for days at a time.

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

Read the whole story >

+ applications/tools/products

New synchronization option adds even more control to Electrak® HD Electromechanical Linear Actuators



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

Thomson Electrak HD, our latest and most advanced line of linear actuators, is available with a new synchronization option to add even more control to your machine designs. This feature allows up to four HD units to share a load, thereby opening up new application opportunities where a single HD actuator cannot handle the load.

- When multiple actuators with synchronization are installed, designers can take advantage of a more stable and potentially quicker lift, no additional guides, and improved handling of uneven loads.
- With these controls integrated into the actuators, installation and system wiring are simplified.
- Ideal applications include table lifts, solar panels, hood lifts and other machines in which uneven or offset loading is a potential design requirement.

Size & Select Electrak HD Actuators >

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