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eNews

Smart actuators help robot valets optimize high-volume auto storage and retrieval

Managing large, high-volume auto storage lots requires many manual, time-intensive tasks, and parking results in inefficient space and labor utilization, burning of fuel, and risk of accident and injury to attendants. Stanley Robotics, a leading provider of automobile storage logistics robots, hopes to change all that, offering a self-guided, vehicle-carrying platform that finds a car, lifts it, moves it gently, and parks it in an allocated space.

A recent article (also published in *IEN*) explores how Thomson smart electric linear actuators contribute to this solution by helping secure vehicles on the valet platform and lifting it.

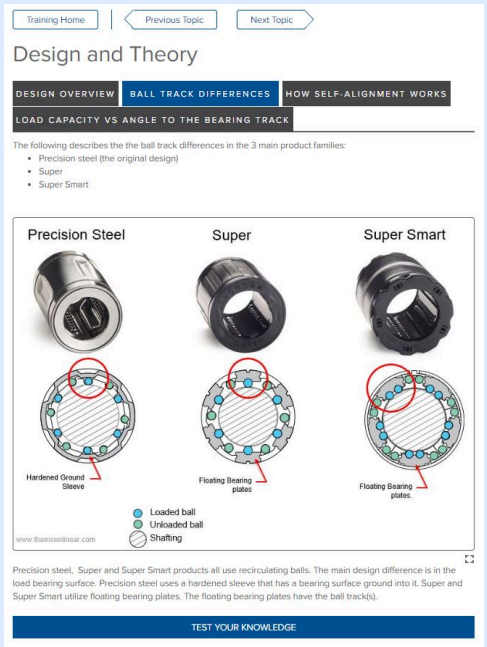
READ THE FULL ARTICLE

TRY OUR LINEAR ACTUATOR SELECTOR TOOL

Did you know the Thomson website can help you become a linear motion expert?

Visit our training site

How can you dig deeper to enhance your linear motion education and understanding? Explore Thomson's easy-to-use, self-serve training website. It covers all of our product categories with details on product design, specifications, maintenance, applications, installation instructions and history.
Training is now available to you whenever and wherever you need it - there's no need to leave your desk or RSVP. Plus, we're always adding fresh content to optimize your learning experience.



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TRY OUR DESIGN TOOLS

Design for high loads and longer life in space-conscious applications

Thomson German-engineered **miniature metric ball screws** with U.S.-based machining and distribution provide best-in-class load capacity in confined spaces. They use a unique multi-start ball return design that maximizes support for higher loads while providing precise, smooth and quiet operation.

- Screw diameters from 8 to 12 mm, screw lengths up to 3000 mm
- Ball nuts with flanged, cylindrical or threaded mounting interface
- Available with different coatings, lead accuracies and preloading options

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