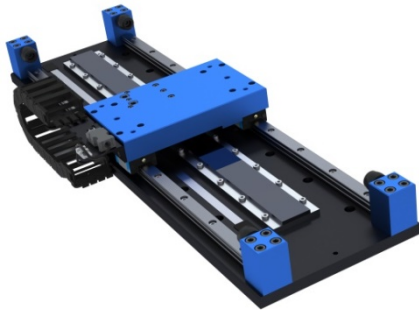


Yaskawa Introduces New Generation of Linear Motor Stages

Sigma Trac II linear motor stages provide high performance turnkey linear motor solution

Waukegan, IL: The Drives & Motion Division of Yaskawa America, Inc. is pleased to announce the introduction of Sigma Trac II series linear servo motor stages to the Sigma-7 servo family.

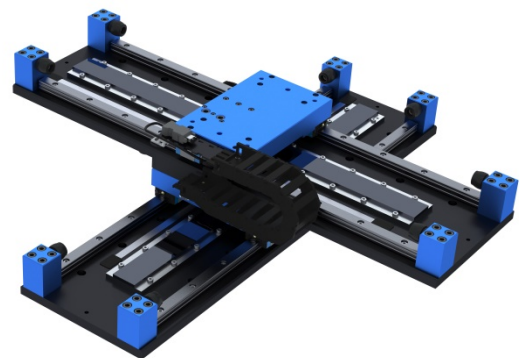
Sigma Trac II combines a Yaskawa SGLF2 series linear motor with linear bearings, high resolution absolute optical scale, cable management, and optional bellows to create a turnkey linear stage. Leveraging the industry-leading performance of Sigma-7 servo amplifiers, system designers and automation end users can design smaller, faster, more accurate linear motion systems for additive manufacturing, packaging, material handling, machining, and assembly applications.



Features include:

- Peak force output up to 540 N
- Speeds up to 5 m/s
- High reliability with 10 million double-stroke design life
- Absolute encoder feedback with 9.765 nm resolution
- Zero maintenance
- Integrated cable management
- Stroke lengths up to 1340 mm
- Optional bellows and X-Y adapter kit

“Our expertly designed, manufactured, and tested mechatronic solutions can reduce your time-to-market”, stated Bryan Knight, Linear and Direct Drive Product Marketing Manager. “This new linear stage design will allow machine builders to create innovative mechanisms that are smaller and faster than ever before.” By using the latest linear motor and magnet technology, Yaskawa has packed more performance in a smaller, lighter linear motor. When combined with Sigma-7 servo amplifiers, Sigma Trac II linear motor stages provide short settling time for greater repeatability in highly dynamic movements that are typical in packaging, assembly, and additive manufacturing applications. Sigma Trac II stages are available in 3 coil sizes and 13 base lengths, making it is easy to select the optimal linear servo motor stage for your application.



Sigma Trac II with XY Adapter Kit

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About Yaskawa

The Drives & Motion Division of Yaskawa America, Inc. manufactures industrial automation equipment. In addition to servo systems and motion controllers, the company's products include low and medium-voltage industrial AC drives, commercial HVAC drives, spindle drives and motors, and low-voltage industrial control switches.

Yaskawa products are used in a wide range of industries, including automotive, additive manufacturing, building automation, chemical, food/beverage, machine tool, material handling, metal forming, packaging, pharmaceutical, solar, plastics/rubber, and textile applications. Yaskawa America's Motoman Robotics Division makes industrial robots that can weld, assemble, cut and handle goods for manufacturers.

Yaskawa America, Inc. employs more than 1,000 people at its headquarters in Waukegan, IL, its manufacturing facilities in Buffalo Grove, IL and Oak Creek, WI, and in offices across the United States. For more information about our products, please visit our website at www.yaskawa.com.

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