

Altra takes hydraulics electric at The World of Technology & Science 2022

Leading brands of Altra Industrial Motion Corp. including Bauer Gear Motor, Stromag and Thomson Linear will be displaying innovative power transmission solutions at The World of Technology & Science (WOTS) 2022. Visitors will be able to meet brand experts in Hall 11, Stand 11B077 from 27th – 30th September at the Jaarbeurs in Utrecht.

WOTS showcases the latest technological advancements for industrial applications. Displaying in the 'World of Motion & Drives' area, leading Altra brands will focus on how complementary drive technology solutions can seamlessly combine to replace hydraulics with electrics. A large video wall on stand will demonstrate this interoperability of motors, limit switches and high load ball screws which can supersede hydraulics in many industrial applications.

Bauer Gear Motor

A market-leader in geared motor technology, Bauer will highlight its high efficiency and hygienic motor designs. The former will be represented by its range of permanent magnet synchronous motors (PMSM), which deliver exceptional efficiency and performance. Available in classes up to IE5, operators can expect overall efficiency improvements of over 10% and more than 30% under partial load compared to other motor technologies. For challenging applications in hygienic areas, like those in the food and beverage sector, Bauer will highlight its stainless-steel motor solutions such as its HiflexDRIVE. With a smooth exterior and high resistance to washdowns, its robust construction even preserves hygienic compliance in the event of mechanical impact.

Stromag

A global brake, coupling and limit switch expert, Stromag will display two innovative products on stand. First, its Series 51 Geared Cam Limit Switch, a trusted solution for limiting the movement of cranes, hoists, stage equipment, bridges, dams, wind turbines and even telescopes. Its large cam disc and gear ratio of 146 provides operators with excellent accuracy of adjustment, delivering precision and versatility. Joining this will be the Periflex® N shaft coupling, a highly flexible rubber-fabric design that is ideal for shaft connections in electric drives. Its central 'shaft tyre' easily absorbs extremely large displacements in any direction. ATEX certified, the Periflex® N also offers a static torque capacity from 35 to 20,500 Nm.

Thomson Linear

A leading manufacturer of linear motion control solutions, Thomson Linear will focus on its wide range of advanced electric linear actuators, which offer a highly controllable and cost-effective alternative to hydraulic and pneumatic cylinders. Its high-load ball screws will also take centre stage, providing the performance to reliably move twice the load of a standard ball screw with a significantly extended service life. Suitability across industrial applications is assured thanks to a wide range of sizes and a maximum dynamic load capacity of 1,440 kN. In fact, Thomson regularly provides motion solutions for off-highway, medical, packaging, food processing, material handling, automation, renewable and machine tool applications.

You can meet with experts from leading Altra Industrial Motion brands at WOTS 2022 in Hall 11, Stand 11B077 from the 27th – 30th September at the Jaarbeurs, Utrecht, The Netherlands.

Image Captions:

Image 1: Bauer is a market-leader in geared motor technology, offering high efficiency and hygienic designs.

Image 2: Stromag Series 51 Geared Cam Limit Switches are a trusted solution for limiting the movement of equipment.

Image 3: High-load ball screws from Thomson provide a long service life.

About Altra Industrial Motion Corporation

Altra Motion is a premier industrial, global manufacturer and supplier of electromechanical power transmission, motion control and automation products, including highly engineered power transmission, motion control and engine braking systems and components. Altra's portfolio consists of 27 well-respected brands including Bauer Gear Motor, Boston Gear, Jacobs Vehicle Systems, Kollmorgen, Portescap, Stromag, Svendborg Brakes, TB Wood's, Thomson and Warner Electric. Headquartered in Braintree, Massachusetts, Altra has approximately 9,200 employees and 50 production facilities in 16 countries around the world.

For more information, visit www.altramotion.com

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