

## **BAUMA 2019 will see wide range of Altra power transmission solutions**

**From the 8th – 14th April, Altra Industrial Motion Corp. will be exhibiting at BAUMA 2019 in Messe München, Munich. A range of premier brands will be present, displaying solutions for vertical lift, mining and mobile power equipment applications.**

*Guardian Couplings, Stieber, Stromag, Svendborg Brakes, Thomson Industries, Warner Electric and Warner Linear will be represented on the stand in **Hall A4.305**, with brand experts ready to discuss application requirements.*

Altra Industrial Motion Corp. gathers leading brands in power transmission as a united group, offering specifiers the option to seamlessly combine products from different manufacturers to create a fully integrated, highly reliable system. The benefits include reduced maintenance as well as a single point of contact during specification. Construction machinery is an area of particular expertise for Altra, which is illustrated by the brands and products which will be present on at BAUMA.

### **Mobile Power Equipment**

Off-highway vehicles are expected to operate faultlessly in challenging conditions, carrying out the heavy-duty tasks that ensure any project schedule is adhered to. Whether transporting loads, digging deep or moving earth – ensuring the reliability of this equipment is symbiotically tied to success on-site.

The off-highway vehicle powertrain is vital in achieving this performance in an efficient, safe manner. Minimising shocks throughout the powertrain with couplings such as those offered by Guardian Couplings, or Stromag's newly launched steel spring loaded coupling, can reduce maintenance requirements by providing effective damping. Fan drive clutches and AC compressor clutches from Warner Electric can deliver energy savings while offering total reliability, promoting long term fuel efficiency. Compact, electromechanical heavy duty actuators from Thomson offer integrated electronics and control options to promote space efficiency across a design and enhance user experience. Finally, high performance brakes can provide the raw stopping power required for large machinery.

### **Vertical lift systems**

Cranes lift vast loads, so all designs must be able to take the strain. Applications set within harsh environments such as offshore add further complications, as waves and sea water place increased stresses on equipment. Lifting must also be carried out with precision, ensuring that suspended assemblies and structures can be installed easily and reliably. Altra offers the power transmission solutions that stand up to these demands for any design of crane.

Brakes are an important aspect of any crane, with Altra offering compact, highly reliable devices for tower cranes, boom cranes, automotive cranes and offshore applications. To suit the inherent challenges of lifting at sea, brands such as Stromag offer the specialised NFF brake for the most demanding requirements. In terms of precision control, limit switches can limit the hook lift of a crane hoist for precise movement of loads. Reliability and performance are the minimal requirements for these towering structures.

## Mining

Unearthing resources from the ground, processing them and transporting heavy loads across long distances places huge strains on equipment. The very process of mining means that power transmission equipment must be able to withstand the biggest shocks and loads the tunnel or pit can conjure. The greater the durability, the more resources that can be gathered.

Each of Altra's premier brands offer specialist solutions to the sector, each is designed with compatibility in mind – meaning that customers can specify brakes, backstops, couplings, gearing etc. safe in knowledge that the drive train will operate efficiently. In some instances the separate brands have shared expertise to provide integrated systems, such as Stieber and Svendborg Brakes' combined RBD backstop and SOBO® IQ system.

### Image Captions:

**Image 1:** Altra Industrial Motion Corp. gathers leading brands in power transmission as a united group, offering specifiers the option to seamlessly combine products from different manufacturers to create a fully integrated, highly reliable system.

**Images 2-4:** Altra Industrial Motion Corp. will be displaying solutions for vertical lift, mining and mobile power equipment applications.

(Image 2 Source: iStock – curraheeshutter. Image 3 + 4 Source: AdbobeStock – Kadmy, Hoda Bogdan)

## About Altra Industrial Motion Corporation

Altra Industrial Motion Corp. is a premier industrial manufacturer of 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, Stieber, Stromag, Svendborg Brakes, TB Wood's, Twiflex, Thomson and Warner Electric. Headquartered in Braintree, Massachusetts, Altra has approximately 9,300 employees and over 50 production facilities in 16 countries around the world.

For more information, visit [www.altramotion.com](http://www.altramotion.com)

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