

EUROPEAN Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

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Altra Industrial Motion at
Hannover Messe 2017



Altra
Hall 25, Booth C11



Find Altra Industrial Motion on:



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Stromag
Hall 25, Booth J03

Bauer Builds on 90 Years of Expertise with New Innovations

Celebrating its 90th year as a market leader, Bauer Gear Motor will be continuing the celebrations at Hannover Messe 2017, taking the opportunity to showcase the innovation that has driven the business forward for nearly a century. Visitors will be able to engage with the latest Bauer solutions and gain advice from expert engineers regarding geared motor requirements throughout the event.

Bauer's offering this year will include:

- Submersible products for waste water processing
- High efficiency drive solutions including the new IE3 range
- The HiflexDRIVE range with the new BK04
- Stainless steel geared motor solutions for hygienically sensitive environments
- Bespoke engineered solutions designed to tackle specialist application challenges.



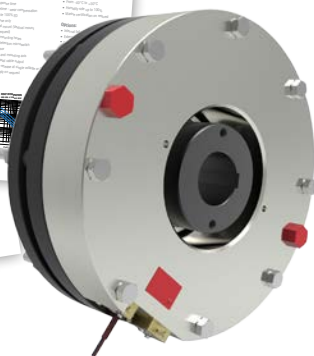
Bauer Gear Motor®
Altra Industrial Motion

Warner's Spring-Operated Electromagnetic ERD and ERDD GEN2/GEN4 Brakes

Warner Electric will be showcasing the latest ERD and ERDD GEN 2 and GEN4 braking systems. Those spring-operated electromagnetically released brakes are available in a single disc or dual disc version. The product is activated by spring pressure, provides high speed, high torque, a 100% energized duty cycle, low response time and extended lifetime. The GEN4 is equipped with IP67 protection. Learn more about the product with the expert engineers on our booth.



**For more information, download
P-7309-WE & P-8179-WE from
www.AltraLiterature.com**



Warner Electric®
Altra Industrial Motion

TB Wood's Latest Elastomeric Couplings

Highly-engineered TB Wood's coupling products, including Sure-Flex® Plus and Dura-Flex® elastomeric couplings, Form-Flex® disc couplings, G-Flex® grid couplings, Jaw couplings and bushings, represent the latest in coupling technology, featuring superior design and exceptional quality to ensure long-lasting performance. The full range of elastomeric couplings proposed by the brand will be available on the Altra stand.

**For more information,
download P-1690-TBW
and P-7526-CG from
www.AltraLiterature.com**

Available through Huco



TB Wood's®
Altra Industrial Motion

Svendborg Brakes: SOBO® iQ and Industrial Product Line

Svendborg Brakes introduces SOBO® iQ controlled braking for general and conveyor systems for any application with hydraulic failsafe brakes where consistent stopping times or distances are desired and less wear and tear on equipment. The SOBO® iQ provides a soft and predictable braking sequence and is typically utilized in applications such as conveyors, cranes, hoists, water gates, bridges, barge unloaders, plus many others.

As a standalone unit, the SOBO® iQ is capable of controlling up to four different hydraulic power units up to 100km away. The SOBO® iQ is meant to be a single control unit for all of the brakes in a single mechanical chain. Learn more about it at the fair.

**For more information download
P-7916-SV, P-7923-SV & P-1723-18-SV
from www.AltraLiterature.com
or visit www.Svendborg-Brakes.com**



Svendborg Brakes®
Altra Industrial Motion

Matrix Brakes for Servo Motor Applications

Servo-driven solutions can achieve faster speeds with more precise accuracy while providing greater flexibility and quicker changeover in various industrial applications including: robotics & industrial automation, machine tool, medical, automotive, printing & paper converting, assembly & semiconductors and renewable energy. The Matrix experienced design and development team provides solutions that meet the specific requirements of a wide range of servo motor applications. 3D CAD and mathematical modelling software, alongside computer-controlled test and data capture equipment ensure very high quality and consistency levels.

Our flexible engineering systems support design, development, manufacturing and testing of custom solutions. Working with your design team, we can engineer brakes that: provide specified performance within given space restrictions, closely integrate the brake with the motor and use friction materials to meet specific torque, temperature & energy requirements.

**For more information,
download P-7772-MX from
www.AltraLiterature.com**



Twiflex SMR and MS100 Small Caliper Brakes

Twiflex is launching a new range of small caliper brakes to complete the range available to customers. The SMR caliper is a side-mounted brake suitable for use with discs of 12-15 mm thickness. It is designed to operate with the standard range of actuators, providing direct or spring-applied braking forces up to 14 kN. The MS100 design is a compact, side-mounted caliper that can accommodate discs of 12-15 mm thickness. The articulating shoes prevent tapered wear and maximise the life of the pads. The proven actuator range generates braking forces up to 2.8 kN. Discuss those new products with our range of experts on the booth.

**For more information,
download P-1648-TF from
www.AltraLiterature.com**



Wichita's New MSV Metallic Sinter Friction Pin Drive Clutch

Wichita's new MSV Metallic Sinter Friction pin drive clutch is designed to meet the most extreme high energy start applications. The clutch is equipped with sinter metallic friction where start inertias and high engaging speeds are required and insuring extremely long lifetime compared to organic friction alternatives. To assure plate separation and ease maintenance in difficult operational environments, a pin drive arrangement has been chosen as the suitable solution. This allows for the option of radially removed friction segments to dramatically reduce maintenance downtime. The product can be combined with all major flexible coupling brands to provide the best possible solution for a wide range of high energy clutching duties. The clutch is ideal for the main marine propulsion and PTO drives.

**For more information,
download P-1636-WC from
www.AltraLiterature.com**



Wichita Clutch®
Altra Industrial Motion

Warner Linear Actuators

Warner Linear offers a broad selection of maintenance-free, long-life electric actuators designed to meet the needs of light-duty, general-duty, or rugged-duty applications. A wide range of actuator controls is also available from simple-to-use switch box controls to state-of-the-art microprocessor based digital electronic models.

At the Altra booth, Warner Linear will be exhibiting the four main actuators designed for the European market: B-Track, M-Track, S-Track and I-Track.

**For more information,
download P-7693-WL
and P-1789-WL from
www.AltraLiterature.com**



Warner Linear®
Altra Industrial Motion

Stieber Range of Freewheels and Backstops

Stieber will be featuring the breadth of their freewheels and backstops offering with:

- The latest bearing supported CSK sprag type freewheel
- The further developed RDBK and RSCI lift off type backstops
- The customized-solution stainless steel backstop
- The Marland one-way CECON clutch Engineers from German facilities in Heidelberg will be on-hand at the Hannover Fair to provide technical advice to visitors.

**For more information,
download P-7426-SC
and P-7694-SC from
www.AltraLiterature.com**



Stieber Clutch®
Altra Industrial Motion

Guardian FL Series Flywheel Coupling

The FL is a two-piece flywheel coupling used on off-highway construction equipment such as skid steer loaders, aerial lifts, excavators, and many other mobile hydraulic applications. The FL product is our oldest line, and has decades of proven success in the field. Not only is the FL our oldest product line, it is our most economical design! The design consists of a glass reinforced nylon flywheel flange that will fit both SAE and metric flywheels. The mating hub is produced from sintered steel and can be used on both splined and straight shafts. The FL product is considered a torsionally stiff design, and does not require lubrication. This design is interchangeable with other popular coupling brands.

**For more information,
download P-7720-GC
and P-7717-GC from
www.AltraLiterature.com**

Available through Huco



Guardian Couplings®
Altra Industrial Motion

Huco's Dynatork Piston Air Motors Are Efficient And We Can Prove It!

Compressed air usage for a Dynatork 3 motor can be less than 25% of conventional air motors because leakage is negligible giving maximum torque with minimum air consumption. Dynatork motors can use a clean, non-lubricated air supply, eliminating contamination in a clean environment.

They also emit very low noise levels compared with conventional air motors. They can operate in harsh environments and do not suffer any damage from condensate in the air supply. Check the unique controllable features of the product such as controllable speed and torque, instant stop-start-reverse function and maximum torque at start live on our booth.

**For more information,
download P-1700-HD from
www.AltraLiterature.com**



Huco®
Altra Industrial Motion

Bibby High-Performance Turboflex Type HS-39-400 Coupling

Altra has, for many years, designed and supplied highly engineered coupling for many of the world's Navies. Recently developments in technology including on-board Gas Turbines engines and water-jet propulsion systems have introduced even more demanding requirements. This technology enables war ships to operate at very high speed in very shallow water thus meeting, and exceeding, today's increasingly onerous operating demands. The Altra High Performance Coupling group has risen to these challenges and now is the leading supplier of couplings for this market through their Bibby Turboflex and Ameridrives brands. Discover a scaled version of the Turboflex type HS-39-400 on our booth.

**For more information,
download P-1943-BB from
www.AltraLiterature.com**



Bibby Turboflex®
Altra Industrial Motion

Boston Gear Stainless Steel Gear Drives Enhance Food Safety

Boston Gear Stainless steel gear drives will be featured in the gearing area of the Altra booth. The product features enhance food safety in tough hygienic environment with the following benefits:

- 316SS stainless exterior with Domed Crown™ Technology for superior runoff of washdown solutions and resistance to caustic chemicals
- IEC and NEMA motor mounting flanges for easier motor removal and use of common stocked motors
- IP69K sealing systems available for use with high pressure washdowns

Additional for SS2000:

- Internal embedded Rare Earth Magnets in gear train to extract metallic wear debris for prolonged operating life
- Dimensional drop-in replacement for common European models

Additional for SS700:

- Special gear polishing process for operating efficiencies that rival helical gearing
- NSF International Certification and lasermarked directly on nameplate

For more information download P-8026-BBG from www.AltraLiterature.com



Altra Welcomes Power Brand Stromag at Hannover Messe 2017 | Hall 25, Stand J03

The exhibition will see Stromag's Hannover debut as part of Altra, with the premium manufacturer of clutches, brakes, flexible couplings and geared cam limit switches having joined the group in December. A separate Stromag stand will be located in Hall 25, Stand J03.

Stromag AG will present its latest products and innovations along with associated industrial value chain. Stromag's unified concept will support this presentation by exhibiting engineered solutions:

- Fast maintenance solution for braking systems: Stromag CB 90 RS
- Newly Developed High Temperature Compound: Stromag Periflex® VN
- Brake for heavy duty operations: TDXB - Thrustor Disc Brake
- Latest range of Electromagnetic Brakes and Gear Cam Limit Switches

For more information, visit www.Stromag.com

