

EUROPEAN Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

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The Latest News From:

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Bibby Turboflex

Huco Dynatork

Matrix International

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Stieber Clutch

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Warner Electric

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Bauer Launches New HiflexDRIVE

Bauer Gear Motor has launched its latest innovation, the HiflexDRIVE, combining a modular design, high efficiency, cleanability and a compact footprint to deliver a market-leading solution for a range of commercial applications.

Available in standard, aseptic and stainless versions, the new geared motor range delivers excellent efficiency and reliability, especially in hygienic applications where regular washdowns are necessary.

The motors of the aseptic and stainless models have a completely smooth casing, a sealed non-drive end and are capable of withstanding chemicals with a pH range of 2-12. With an IP rating up to IP69K, the latest IE4 motors and modular gearboxes, HiflexDrive delivers power and efficiency.

For more information visit www.bauergears.com

Bauer®
Gear Motor



Svendborg Brakes SOBO® iQ

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 utilised 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.

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

Svendborg®
Brakes



Twiflex Germany: The Original Heavy Duty Braking System Available Direct

World renowned for quality and robust design, the Twiflex range of original heavy duty braking systems, clutches and couplings is now available direct from its sister company, Stieber, in Heidelberg.

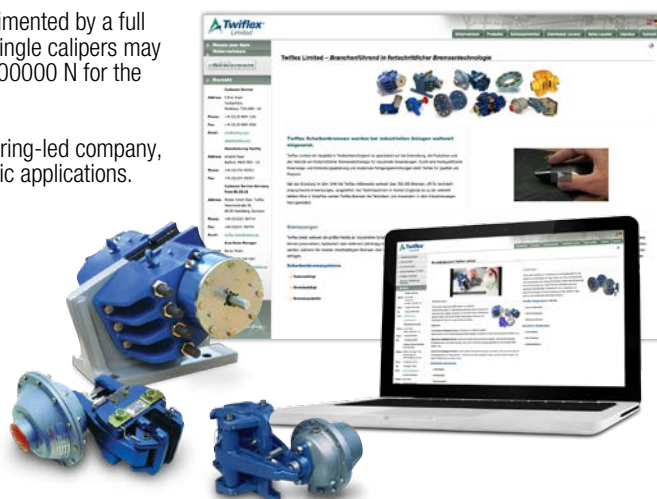
Twiflex offers the largest range of industrial disc brake calipers in the world, complimented by a full line of actuators, control systems, flexible couplings, and centrifugal clutch units. Single calipers may be rated at less than 800 N braking force for the lightest tensioning duties, up to 800000 N for the largest grinding mill brakes.

Most standard parts and spares are available from local stock while, as an engineering-led company, custom designs and solutions are routinely developed to satisfy the needs of specific applications.

For more information visit www.AltraMotion.com, www.Twiflex.com & www.StieberClutch.com

Twiflex®
Limited

Stieber®
Clutch



Programmable S-Track Linear Actuator

Warner Linear has expanded the S-Track linear actuator product line with the addition of a new programmable model.

An easy-to-use integrated keypad allows operators to set and reset end of travel positions as well as two intermediate stops.

New S-Track electric actuators are designed for better control and quieter operation in general duty applications including medical, industrial, turf & garden and recreational vehicles.

For more information download catalog P-1581-WL from www.AltraLiterature.com or visit www.WarnerLinear.com

Warner®
Linear



TB Wood's Couplings Available Through Huco

TB Wood's couplings are now available and stocked in Europe through sister company Huco Dynatork. The new distribution channel for TB Wood's couplings will improve the local technical support, shorten the leadtime of products available Ex-Stock and permit immediate response to breakdown situations.

An express bore and keyway service for Sure-Flex® Plus range has been set up to optimise and answer customer demand delivering an express bore and Keyway service in 2 to 3 working days leadtime and a standard service within 5 working days.

For more information download P-7936-HD from www.AltraLiterature.com

TB Wood's®
Incorporated

Huco®
Dynatork



Altra Provides Power Transmission Solutions for the Forklift Truck Market

Warner Electric and Matrix International, two Altra Industrial Motion companies, are world leaders in the design and manufacture of hydraulic, pneumatic and electromagnetic brakes and clutches for battery powered vehicles. Combined, they offer a full range of traction motor and load wheel brakes and specialise in customised solutions to meet specific performance and installation requirements. Matrix International and Warner Electric forklift truck brakes are designed with the industry's toughest challenges in mind, utilizing proprietary technology to analyse magnetic properties of the brake, and brake interfaces and surroundings.

Many global leaders in the industrial truck sector consider these two brands as their 'standard' and have come to rely on their over 60 years of experience of delivering high technology, cost-effective braking systems. Production, engineering and application support is available from Altra facilities in Europe, the U.S. and China.

As the world's leading trade fair for intralogistics and supply chain management, CeMAT presents manufacturers and suppliers with the opportunity to showcase their latest developments. This year Matrix International, Warner Electric and Warner Linear, from Altra Industrial Motion's Electro-Mechanical Clutches and Brakes (ECB) division, exhibited alongside their sister brand, Bauer Gear Motor. Each brand offers unique and high quality engineering solutions for the intralogistics industry: this year ECB will be promoting a new range of IP67 brakes for forklifts, while Bauer will show its HiflexDRIVE range of IE4, PMSM motors.

Download P-7637-C from www.AltraLiterature.com



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.

Download P-7772-MX from www.AltraLiterature.com



Proven Oldham Couplings 25% Higher Torque

Just introduced, the Oldham lateral offset couplings are designed to handle 25% higher torque than their forerunners.

Previously, a peak torque rating of 44Nm was the highest available. Now, 55.36Nm is possible using a specially designed larger diameter disc.

The Oldham is precision engineered throughout and comprises two hubs with inward facing tenons. These engage with matching slots spaced at 90° in a central lightweight torque disc. A hard, low friction facing on the working surface guarantees long, trouble-free operation.

Typical applications range from the incremental control of fluid valves to positional systems in machinery, robots and slide tables. They can also be applied to microstepper and closed loop servo systems and, to a lesser extent, half and full step motor drives.

For more information visit www.Huco.com



Stieber RDBR-E Backstops Range

Stieber presents the new RDBR-E, torque limiting and load sharing low speed backstop releasable under load. With a high torque density, greater reliable functionality through an innovative design, the backstops provide the highest torque capacity for releasable external backstops in the market.

The technology permits the load sharing over several backstops which limits the stresses on the equipment and protects your conveyor belt system.

The RDBR-E roller ramp type backstops are externally mounted, self-contained on a shaft extension with a torque arm. With an internal torque limiter, the RDBR-E is designed for the use on large inclined conveyors, where the release function or load sharing is required. The RDBR-E also protects the conveyor belt system by cutting the peak loads.

For more information download P-7820-SC from www.AltraLiterature.com



Bibby Torsiflex® Couplings for Smooth Operation

Bibby's Torsiflex disc couplings are manufactured in high quality carbon steels to tight tolerances, minimising internal clearances, ensuring zero backlash and compliance with ANSI/AGMA 9000-C90 Class 9* which means they have sufficient intrinsic balance to meet most pump industry requirements (including API 610) without the cost of additional dynamic balancing.

The balance requirements for the full assembly of a rotating system depend on the vibration sensitivity at the application speed of the driver and driven machinery. Bibby's passion for precision ensures that potential out-of-balance forces and, hence, unwelcome vibration are minimised.

Bibby Turboflex helps customers avoid wasting money and extending lead times when specifying their balance requirements.

*Equivalent to Grade G6.6 in the ISO 1941-1 Balance specification.

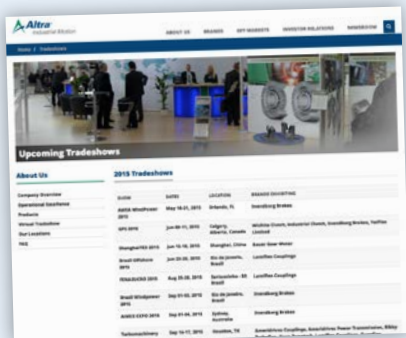
For more information download P-8011-BB from www.AltraLiterature.com



Upcoming European Shows

2016 Shows

| | | |
|------------------|-----------------|--------------------|
| ELEVCON | May 10-12 | Madrid, Spain |
| Elmia Automation | May 10-13 | Jönköping, Sweden |
| IFAT | May 30 - June 3 | Munich, Germany |
| CeMAT | May 31 - June 3 | Hannover, Germany |
| SMM | September 6-9 | Hamburg, Germany |
| BrauBeviale | November 8-10 | Nuremberg, Germany |
| SPS IPC Drives | November 22-24 | Nuremberg, Germany |



Hannover Messe
Hannover, Germany

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www.Altramotion.com/Tradeshow

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Featured News Stories



Warner Linear B-Track K2x Electric Actuator for Adjustable Combine Chute Spout

A major global manufacturer of agriculture equipment required a rugged electric actuator solution for use on their line of combines. The actuator is mounted to the combine's auger chute and lets the operator pivot the auger spout while grain is being unloaded. Instead of moving the combine, the operator can simply adjust the position of the spout, while sitting in the cab.



Svendborg BSFH 300 Series Brakes for Offshore Wind Turbines

A major wind turbine OEM needed a reliable rotor braking solution for offshore turbines with rotor diameters of 76 meters (250 ft.). Located in Middelgrunden off the coast of the Danish capital Copenhagen, the turbines are installed in a slight curve with 180 meters (197 yds.) between each and an overall length of 3.4 kilometers (2.1 miles). The total wind farm area is about 1 hectare (2.5 acres).



Huco Dynatork launches Guardian Delta Couplings for Mobile Plant Applications

Huco Dynatork, the leading manufacturer of small precision couplings, has become the UK distributor of Delta flywheel couplings from Guardian Couplings. The Delta range is specifically designed to deliver smooth power transmission, with reduced noise and vibration, for diesel driven hydrostatic machinery including forklifts, agricultural vehicles and off-highway plant equipment.