

Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

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**Advanced Braking Solutions
For Industrial Applications**



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Altra Industrial Motion *The Power Of Experience*

Ameridrives Couplings
Ameridrives Power
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Bauer Gear Motor
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Boston Gear

Delroyd Worm Gear
Formsprag Clutch
Guardian Couplings
Huco Dynatork
Industrial Clutch
Inertia Dynamics

Kilian Manufacturing
Lamiflex Couplings
Marland Clutch
Matrix International
Nuttall Gear
Stieber Clutch

Svendborg Brakes
TB Wood's
Twiflex Limited
Warner Electric
Warner Linear
Wichita Clutch

Twiflex Introduces New Turning, Locking & Braking System

The Twiflex system comprises a Turning gear, Locking device, and shaft Brake (TLB) together with a power unit (e.g. Hydraulic Powerpack) and a control panel for local operation of the system close to the equipment. TLB is available as a continuous turning option as shown or as an indexing system using a simple hydraulic 'push-pull' arrangement with the brakes and brake disc to inch the propeller shaft for maintenance and accurate alignment. For a more cost effective solution, a simple manual option is also available for this purpose.

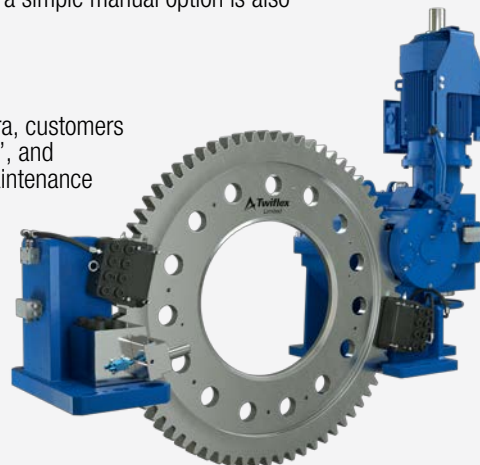
Benefits of a Complete Integrated System

When purchasing a complete turning gear system integrated with locking and braking from Altra, customers can consolidate 3 separate interfaces into one multi-functional solution: Turning 'T', Locking 'L', and Braking 'B', which enables customers to save dimensional space, decrease installation and maintenance time and reduce costs! A Superior Solution From A Single Source.

Download P-8052-C from www.AltraLiterature.com



Scan to watch
Twiflex TLB video



Nuttall Gear Moduline® Inline Speed Reducers Order-to-Delivery in 3 Weeks!

Moduline® Reducers Order-to-Delivery in 3 Weeks!*

Moduline Type R concentric shaft speed reducers utilize a modular concept to deliver standard units and ratios in just three (3) weeks.* Choose from eight (8) standard reducer sizes and readily available drives to accommodate output torque requirements up to 90,000 in-lbs.

Nuttall's New Delivery Commitment

Standard Units and Ratios can be ordered for delivery in 3 weeks!*

8 Standard Type R Inline Gear Reducer Catalog Sizes: 10-21-32-43-54-64-76-88

Most spare parts are in inventory for same week delivery

Output Torque Ratings at 1750 RPM input: 2,500 in-lbs to 90,000 in-lbs

For more information, download the Moduline Inline Speed Reducers brochure.

* Reducer only. Motor, accessories and modifications will affect lead time.



For more information download
P-8103-ND & P-8104-ND from
www.AltraLiterature.com

Altra Launches Webinar Series

Altra Industrial Motion announces a new webinar series that will highlight product and service solutions for various applications relating to a variety of Altra brands.

The Altra Webinar Series is open to the public and will be held on the first Wednesday of each month at 10 AM (CST). Topics will include product solutions, proper product selection, installation and service. Because the Altra Webinars are public events, they will be posted to the websites for access.

For more information, please contact
altra-webinar@altramotion.com.

For OnDemand information, download
P-8121-5-C from www.AltraMarcom.com



Webinar SERIES
ALTRA INDUSTRIAL MOTION



Inertia Dynamics Introduces New Website and Product Catalog

Inertia Dynamics has recently launched an updated website and product catalog. The website enhancements include a Featured Content Slider on the Home Page to highlight the newest brand information, and a News & Press area that links direct to the Altra Newsroom for quick access to the most recent news. The website also features a new responsive design, so the site is easily viewed on various types of electronic devices.

The newly expanded Inertia Dynamics Electric Clutches & Brakes catalog features the full line of Electromagnetic Power-On Clutches and Brakes, as well as Spring Applied Brakes, Motor Brakes, Controls and Moment of Inertia Measuring Equipment. The same updated product information is included on the new website as well.

New metric offerings and dimensional information has been added for Inertia Dynamics Power-On Brakes and Spring Set Brakes. Ordering information has been updated and simplified in the revised catalog, along with the Part Numbering System and the 4-Step Selection Process.

For more information, download P-7874-IDI from www.AltraLiterature.com and visit www.idicb.com



Boston Gear Reducer Express Deliveries

The Reducer Express Program

- Phone, fax or e-mail your purchase order by 2:00 PM Eastern time with a purchase order clearly marked with "Reducer Express".
- Contact our team of customer service representatives to confirm the part number eligibility.
- Our production team will build and ship your Reducer Express order same day. Orders received after 2:00 PM Eastern time will be shipped the following business day.

Shipments are guaranteed on time or the freight cost is free!

For more information download P-8119-BG from www.AltraLiterature.com



Formsprag Products for Aerospace Applications

Formsprag Clutch sprag retainer assemblies and bi-directional clutches and backstops are used on fixed and rotary wing aircraft flight controls, actuators, positioners, and APU and engine starters, as well as on a variety of onboard material handling actuation and holding systems including davits, hoists, and lifts. Formsprag clutches and backstops can also be found on marine vessel main propulsion layouts and auxiliary power generation systems, land based vehicles and systems, and satellites and space applications.

For more information relating to aerospace and defense products, please contact Formsprag directly by phone 586.758.5000.



TB Wood's Form-Flex® Floating Shafts

TB Wood's supplied a custom coupling to a major OEM that was modified with limited end float features to keep the sleeve bearing motor rotor from being damaged. The large 21.5 ft. long coupling is being used for an operating speed of 600 RPM, but the first critical speed is much higher due to the oversized tube diameter (24 in.) to meet the torsional requirements of the fan drive system.

The Form-Flex floating shaft has a continuous torque capacity of 1,100,000 lb.in. with a peak torque rating of 2,400,000 lb.in. The robust coupling design features an alloy steel motor hub with provisions for hydraulic removal, carbon steel flange adapter, welded steel spacer, high-strength alloy steel hardware and stainless steel disc packs.

For more information download P-8096-TBW from www.AltraLiterature.com



Svendborg BSFA 1000 Series Braking Systems

Svendborg Brakes recently supplied complete braking systems for 6 new ball mills that are part of a major expansion at an open-pit copper/molybdenum mine. Each mill is 9.5 m (27 ft.) in diameter and equipped with a 22 MW gearless drive. The new mills will increase the mine's concentrator output to 360,000 tonnes/day, making it one of the largest copper mines in the world.

The braking systems for each ball mill consist of BSFA 1000 Series mono-spring caliper disc brakes that provide a minimum of 18,103,932 Nm braking torque per mill. Each system is controlled by a Svendborg gearless mill hydraulic power unit (HPU).

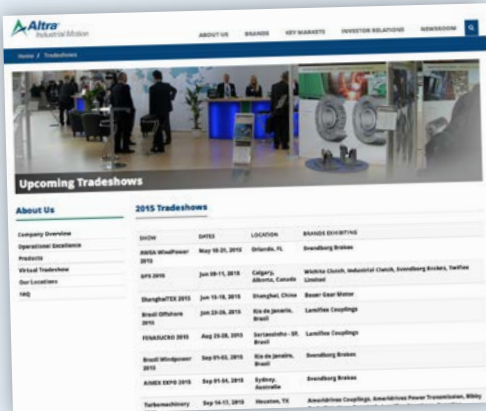
For more information download P-8109-SV from www.AltraLiterature.com



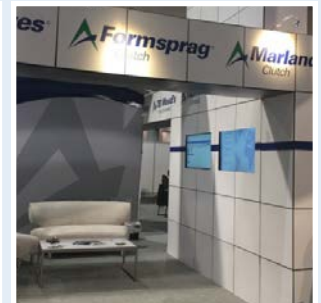
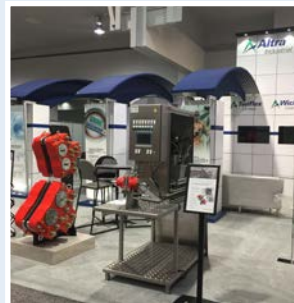
Upcoming North American Shows

2016 Shows

Pacific Marine Expo 2016	Seattle, WA	November 17-19
International Work Boat Show	New Orleans, LA	Nov. 30 - Dec. 2
Power Gen	Orlando, FL	December 13-15



For more information about upcoming tradeshows, visit: www.Altramotion.com/Tradeshow



MINExpo 2016
September 26-28 | Las Vegas, Nevada

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Featured News Stories



Twiflex Parking Brakes For Gold Mine Hoist Offers Rapid Stopping Speeds

Twiflex, a member of the Altra Industrial Motion Group, a leading global supplier of power transmission components, has provided a parking and emergency brake for use on hoists at a gold mine in Elko County, Nevada. The VCSD-VR brakes are installed on a motor pinion, operating on a 1.168 metre diameter disc to produce a total torque of 128 kNm.



Huco Couplings Specified For Forklift Steering Columns

In the forklift industry reliability issues can quickly damage even the best reputation. So, when a leading European manufacturer of forklifts experienced coupling failures in the steering columns of some of its products, Huco Dynatork was able to provide a high quality solution. Huco's Oldham Style couplings proved the perfect fit, delivering precise steering and complete reliability.



TB Wood's MTO & Standard Sheaves for Mine Flotation Tank Agitator Drives

A major global mineral and metals processing equipment OEM needed reliable belt drive solutions for its line of mining flotation cells (tanks). The tanks are used to recover minerals utilizing a flotation process.