

March 2014

Power Review

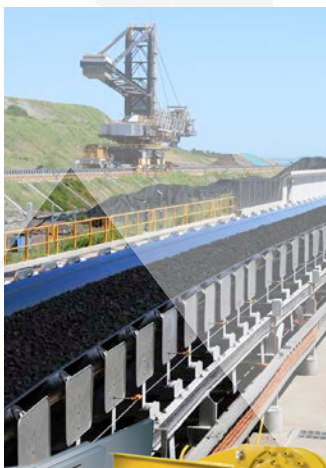
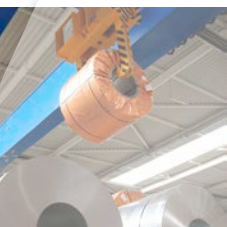
The Power Brands in Power Transmission

Altra Industrial Motion

Vol. 3 | No. 1



*Power Transmission
and Motion Control Products*



Altra Industrial Motion *The Power Of Experience*

Ameridrives Couplings
Ameridrives Power
Transmission
Bauer Gear Motor
Bibby Turboflex
Boston Gear

Delroyd Worm Gear
Formsprag Clutch
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

Featured in this Edition...

TB Wood's Belt Drive
Selection Program

Formsprag *New Products*

Nuttall Gear and
Delroyd Worm Gear

Matrix Servo Brakes

Boston Gear Series 2000

New Strategic Market
Portals for:

- Pump Market
- Metal Shredder Market
- Material Handling Market

Heavy Duty &
Overrunning Clutch
Brake Group *New Website*

Wichita Clutch *New Website*

Welcome to Svendborg



Find **Altra Industrial Motion** on:



For more information contact us at:
info@altramotion.com or
visit **www.altramotion.com**



Scan to download
the interactive version of
the Power Review

TB Wood's Belt Drive Selection Program

The new web based belted drive selector at www.tbwoods.com allows you to choose your belted drive solution in four easy steps! This tool is accessible from any device with an internet connection. All user settings are recalled, regardless of the device used to access the information. This allows for easy retrieval and sharing of prior solutions.

To use the selection tool visit www.tbwoods.com. For more information download brochure P-7524-TBW at www.AltraLiterature.com.



TB Wood's
Incorporated

Formsprag New Product

Formsprag has more than 60 years of backstopping experience and is excited to introduce the new LCB-200 and LCB-400 for wind-milling fan applications.

The Model LCB-200 and 400 are economical low torque clutches which can accommodate a range of shaft diameters between 1-7/8" and 5".

These clutches can be installed on vertical or horizontal fan shafts without the use of a key. They are maintenance free and easy to install.

For more information request flyer P-7428-FC.



Formsprag
Clutch

Nuttall Gear and Delroyd Worm Gear

Delroyd Worm Gear is committed to offering customers first-class delivery times, and the new standard order-to-delivery lead time for 2" through 12" standard catalog reducers is just 4-7 weeks. Delivery times have also been shortened for Delroyd Worm Gear Mixer Drives — P30 - P40 - P50 - P60 and HP40 - HP50 - HP60 units — with order-to-delivery in just 3 weeks.

This new delivery commitment is a result of capital investment in new machinery and improved manufacturing processes.

Nuttall and Delroyd also provide comprehensive services for any manufacturer's gear drive. Extensive experience in gear drive applications, combined with our manufacturing and design capabilities enable us to provide a single-source solution for minimizing downtime and improving productivity.

For more information, download promotional flyer P-7560-DWG & P-7630-DWG, brochure P-7561-DWG, and flyer P-7542-ND from www.AltraLiterature.com.

Featured Nuttall Gear & Delroyd Worm Gear Videos

Facility Overview - Nuttall Gear and Delroyd Worm Gear
Products, Services and Markets - Delroyd Worm Gear
Bridge Applications for Gearing - Nuttall Gear

Watch these videos and more on Altra's YouTube Channel www.youtube.com/AltraIndMotion



Delroyd Worm Gear **Nuttall** Gear

Matrix Servo Motor Brakes

Matrix International introduces Servo Motor Brakes for robotics, machine tool, renewable energy, and medical applications. The standard brakes are known for their high torque, low wear rate, low inertia, low backlash, and competitive costs.

The specialized brakes have 2x torque in the same diameter with "double disc" design, zero backlash hub option, and customized designs to fit new or existing applications.

For more information download flyer P-7416-MX or visit www.Matrix-International.com.



Matrix
International

Boston Gear Series 2000

Series 2000 Inline Helical Gear Drives & Gear Motors are loaded with unique performance and convenience features to meet a wide variety of application requirements.

We asked OEMs, end users and distributors what mattered most when it came to gear motor design. Their responses helped guide the development of the new Series 2000 Gear Motor product line.

Series 2000 Advantages

- Altra's Competitive Displacement Product Offering
- Enhanced Performance
- Design Flexibility
- Fast and Easy Installation
- Low Maintenance

Visit www.helical2000.com or download catalog P-7414-BG and the promotional flyer P-7419-BG.



Boston
Gear

Pump Market Portal

As industry leaders in electromechanical power transmission products, the companies of Altra Industrial Motion provide full drive train solutions for the pump market, with a comprehensive offering of couplings, backstops, overrunning clutches, speed reducers, gear motors, torque-limiting devices, and belted drives to meet the specific requirements of pump applications.

TB Wood's Sure-Flex® Couplings are available in many different types of materials and configuration options ensuring the right coupling for the pump application. Multiple flange/hub options make shaft connection fast and easy!

TB Wood's Dura-Flex® elastomer couplings provide longer life than competitive products, reducing the total cost of ownership, while minimizing misalignment loads on connected equipment.

Ameridrives Torsiflex-i has been specially designed to provide increased performance for pump applications. Altra responded to industry demand for a cold-install hub that provides the secure torque transmission and balance repeatability of an interference fit. We've combined shaft locking devices with Torsiflex-i to provide a pre-engineered solution that meets the balance requirements of API 610.

All of these products are ATEX Compliant.

Request brochure P-1721-C or visit www.AltraPumps.com for more information.



Metal Shredder Market Portal

Altra Industrial Motion has been helping metal shredder equipment manufacturers and metal shredders worldwide achieve great success by increasing efficiency while reducing costs and downtime. Altra engineered power transmission products are installed in a wide array of shredder applications including primary shredders, feeding apron conveyors, dust conveyors and magnetic material separator conveyors.

Request brochure P-7523-C or visit www.AltraMetalShredder.com for more information

Visit us April 7-9, at the ISRI 2014 Convention & Exposition, booth # 1312.



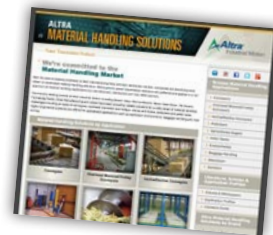
Material Handling Market Portal

Altra material handling solutions maximize uptime, increase accuracy and reduce overall cost of ownership in a wide range of custom applications.

Altra power transmission products are installed in a wide variety of applications that include bulk material handling conveyors, monorails, storage retrieval systems, and unit handling conveyors.

Check out the specialized PT solutions offered by Bauer Gear Motor, Boston Gear, Formsprag Clutch, Huco Dynatork, TB Wood's and Warner Electric.

For more information visit www.AltraMaterialHandling.com.



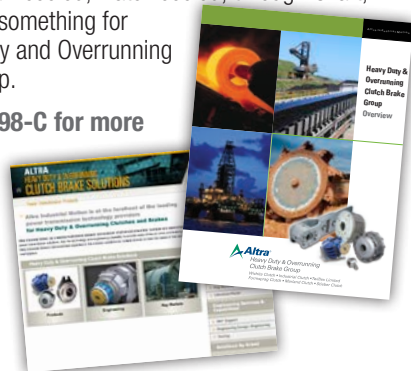
Heavy Duty & Overrunning Clutch Brake Group

Altra Industrial Motion is the leader among power transmission technology providers for Heavy Duty & Overrunning Clutches and Brakes.

Rugged construction, dependable performance and extended service life are the reasons why Altra products are preferred. Products include: spring or pneumatically applied, high torque, low inertia, high-cycling, air-cooled, water-cooled, through-shaft, or shaft-to-shaft. There's something for everyone in the Heavy Duty and Overrunning Clutch Brake Group line-up.

Request brochure P-7398-C for more information or visit www.AltraHDOCB.com

- Wichita Clutch
- Industrial Clutch
- Svendborg Brakes
- Stieber Clutch
- Formsprag Clutch
- Marland Clutch

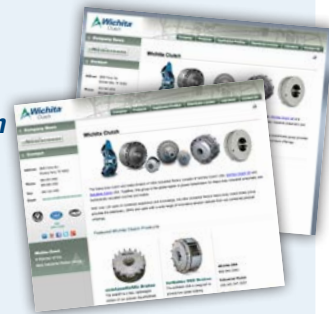


Wichita Clutch

Wichita Clutch launched a new website, www.WichitaClutch.com, which focuses on technical solutions to meet the specific power transmission requirements of all types of mining and quarry equipment.

The new company website provides an overview of Wichita product offerings for a wide range of industries and applications. The site also includes a company overview with contact information, product features and benefits, and a literature portal with all the latest catalogs, brochures and service manuals for order or download.

Visit www.WichitaClutch.com or www.WichitaClutch.co.uk for more information.



New Literature

Now Available for Download or Request..

New/Updated Catalogs, Brochures, Flyers and More!

P-2097-WE-A4	Tension Control System XCTRL & XCTRL-2DRV
P-2098-WE-A4	Tension Control System X2DRV
P-2099-WE-A4	Tension Control System XPRO
P-1825-MC-PT-A4	Marland Clutch Overview Flyer
P-7427-FC	CFB Model Backstop for C-Face Motors and C-Face Backstops
P-7560-DWG	Worm Gear Mixer Drives
P-7554-SC-A4	KI - Built-In Freewheels (RU, CN)
P-7561-DWG	Mixer Drive Units
P-7428-FC	LCB-200 & 400 Fan Backstops
P-7362-C-A4	Power Transmission Solutions for the Farm and Agriculture Market (IT, DE, FR, ES)
P-6004-NG	Type SU/SD High Speed Increases and Reducers manual
367SH & A4	Ameriflex Installation and Maintenance Manual (IT, RU, PT)
P-1721-C & A4	Power Transmission Solutions for Pump Applications
P-1733-14-WE-CN-A4	ERS FENIX 08 Electrically Released Brake for Elevators
P-7523-C	Power Transmission Solutions for the Metal Shredder Market
P-7395-C	North & Latin America General Line Sales Team
P-7016-CG & A4	Industrial Couplings Contact Information
P-7526-CG & A4, CN	Flexible Disc Couplings I TB Wood's Form Flex® & Torsiflex-i
P-7630-DWG	Heavy Duty Worm Gear Products
P-7446-WC-A4	Mistral Pneumatic Brakes
P-7447-WC-A4	Drum Clutch and Brake
P-7448-WC-A4	Model HC (Dry) Pneumatically or Hydraulically Actuated Clutches
P-7449-WC-A4	Altra Steady Series
P-1779-WC-A4	Altra Easy Series

To download or request literature visit www.AltraLiterature.com.

Articles & Application Profiles

Articles for all Altra Brands

P-7495-AC	A New Wrinkle to Diaphragm Couplings
P-7494-AC	Spindle Lubrication Discovery on No. 2 RCM at Nucor Steel-Berkeley
P-7500-AC	The Manufacturer's World of Coupling Potential Unbalance
P-7498-AC	Retrofitting Turbomachinery with High Performance Flexible Dry Couplings
P-7497-AC	Retrofitting Gear Couplings with Diaphragm Couplings
P-7493-AC	Operating Characteristics of High-Performance Diaphragm Couplings
P-7492-AC	Metallic Flexible Coupling Service Life and Failure Modes
P-7491-AC	High Performance Non-Lubricated Coupling Service Life and Failure Modes
P-7490-AC	High Performance Flexible Coupling Introduced for Turbomachinery
P-7489-AC	Flexible Couplings for Gas Turbine Applications
P-7488-AC	Disc vs Diaphragm Couplings
P-7487-AC	Diaphragm Coupling Versus Gear Couplings for Marine Applications
P-7485-AC	Couplings-A User's Point of View
P-7486-AC	Custom Designed Couplings
P-7597-WC	Support Engineering
P-7566-C	The Efficient Drive System
P-7568-APT	Vibration Reduction in a 5 Stand Cold Mill
P-7618-APT	Design and Selection of Universal Joints for Rolling Mills
P-7619-APT	Mill Spindle Advanced Gear Design
P-7603-C	The Future of Material Handling

Application Profiles for all Altra Brands

P-7563-BGM	BK Series Geared Motors I Steel Mill Overhead Crane
P-7508-WL	K2x Linear Actuators I Car Racing Simulator
P-7596-IC	LKB Hydraulically-Released Brakes I North America's Largest Barge Dredge
P-7559-SC	RDBK Backstops I Inclined Coal Mine Conveyors
P-7573-BB	Grid Coupling I Press Pump
P-7572-TBW	Sure-Flex Couplings I Industrial Mixer
P-7562-MX	ICD Series Brakes

To download Articles or Application Profiles visit www.AltraLiterature.com.

Svendborg Brakes

Altra Welcomes Svendborg Brakes to the Family!

Heavy Duty Clutches and Brakes

Wichita Clutch • Twiflex Limited
Industrial Clutch • Svendborg Brakes



Tradeshows

Upcoming Shows

2014 Shows

GCA 2014	Galveston, TX	April 6-9
ISRI 2014	Las Vegas, NV	April 7-9
Hannover 2014	Hannover, Germany	April 7-11
CHINAPLAS	Shanghai, China	April 23-26
Coal Prep 2014	Lexington, KY	April 29 - May 1
OTC 2014	Houston, TX	May 5-8
WEE 2014	Guangzhou, China	May 13-16
MMC 2014	Beijing, China	May 19-22
CeMAT 2014	Hannover, Germany	May 19-23
IE Expo 2014	Shanghai, China	May 20-22
Power Gen Europe	Cologne, Germany	June 3-5
GPS 2014	Calgary, Canada	June 12-14
Electra Mining 2014	Johannesburg, SA	September 15-19
Turbomachinery 2014	Houston, TX	September 22-25
HUSUM Wind 2014	Husum, Germany	September 23-26
China Beverage	Beijing, China	October 13-16
PTC 2014	Shanghai, China	October 27-30
ADIPEC 2014	Abu Dhabi	November 3-6
Power Gen 2014	Orlando, FL	December 9-11

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News.Altramotion.com



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