

Power Review

The Power Brands in Power Transmission



Featured in this Edition...

TB Wood's Belt Drive Selector Program

Custom Heavy-Duty Speed Reduces

700 Series Speed Reducers

Metals Producers & Metals Processing Market

Heavy Duty & Overrunning Clutch Brake Group

www.WarnerElectric.com

www.Formsprag.com

www.IndClutch.com

www.Marland.com

BeltDriveSelector.TB Woods.com

NEW TB Wood's Belted Drive Selection Program

Altra Industrial Motion *The Power Of Experience*

- | | | | |
|--------------------------------|----------------------|----------------------|-----------------|
| Ameridrives Couplings | Delroyd Worm Gear | Lamiflex Couplings | Twiflex Limited |
| Ameridrives Power Transmission | Formsprag Clutch | Marland Clutch | Warner Electric |
| Bauer Gear Motor | Huco Dynatork | Matrix International | Warner Linear |
| Bibby Turboflex | Industrial Clutch | Nuttall Gear | Wichita Clutch |
| Boston Gear | Inertia Dynamics | Stieber Clutch | |
| | Kilian Manufacturing | TB Wood's | |



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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 Selector Program

TB Wood's has recently introduced a new and improved Belt Drive Selector Program at :

BeltDriveSelector.TBWoods.com

The enhanced online tool allows users to quickly and easily select the right belt drive for a specific application.

Instructions on how to use the tool are defined in a new overview brochure, [TB Wood's Belt Drive Selector Program \(P-7524-TBW\)](#).



Custom Heavy-Duty Speed Reducers

Work is nearing completion on the new Ocean Ave. bridge that spans the intercoastal waterway in Lantana, Florida. The new bridge features a double-leaf bascule center span which opens to accommodate larger boats.

Nuttall Gear was chosen to provide custom primary drives (one for each leaf). The enclosed helical gear differential drives, with right-angle input shafts, feature input rating of 75 HP @ 1200 RPM, reduction ratio of 12.25:1 and output torque rating of 2,080 ft.lbs. Secondary, parallel-shaft reducers were also supplied with input rating of 37.5 HP @ 98 RPM, reduction ratio of 48.5:1 and output torque rating of 101,000 ft.lbs.

Download the full story [P-7517-NG](#) at www.AltraLiterature.com.



700 Series Speed Reducers

A leading manufacturer of packaging equipment needed a reliable gearbox source that could provide units quickly for their line of cartoning machines used in a wide variety of industries including food, pharmaceutical, cosmetics and household products. The machines are often subjected to routine high pressure washdowns.

Due to their exceptional performance in washdown environments, modified Boston Gear SBK 700 Series speed reducers were selected to replace competitor units. This SBK 700 Series is a value solution for certain washdown applications.

Download the full story [P-7479-BG](#) at www.AltraLiterature.com.



Metals Producers & Metals Processing Market

Altra Industrial Motion brands Ameridrives Couplings, Ameridrives Power Transmission, Bauer Gear Motor, TB Wood's, Marland Clutch, Formsprag Clutch, Nuttall Gear, Delroyd Worm Gear, Stieber Clutch, Twiflex Limited, Wichita Clutch and Bibby Turboflex provide power transmission and motion control solutions for the metal mill and metal processing industries.

To support the metals market two brochures have been published identifying where specific Altra products are utilized throughout metal mills including blast furnaces, continuous casters, roughing mills, finishing mills, cold mills and coilers.

Also launched are two new websites, www.AltraMetalProducers.com and www.AltraMetalProcessing.com, that offer the global metals industries convenient access to Altra brands, products and applications critical to virtually every operation in metal mills and metal processing facilities.

Download the new literature ([P-7404-C](#) and [P-7415-C](#)) at www.AltraLiterature.com.



Heavy Duty & Overrunning Clutch Brake Group

Wichita Clutch, Industrial Clutch, Twiflex Limited, Formsprag Clutch, Marland Clutch and Stieber Clutch, the industry-leading brands of the Altra Heavy Duty & Overrunning Clutch Brake Group, have been providing innovative solutions to meet the requirements for a broad variety of applications spanning many industries.

www.AltraHeavyDuty.com is the new product-oriented, industry-specific website designed to help educate engineers on the Altra brand component technologies used in a wide variety of industrial applications.

Products on the website are grouped according to type of clutch brake, including backstops/holdbacks, brakes, caliper brakes, clutches, overrunning clutches, and combination clutch/brakes. Product descriptions contain the unique features, benefits and capabilities of each component along with typical applications.

The Altra Heavy Duty & Overrunning Clutch Brake Group has also published a new engineering capabilities brochure which focuses on the engineering design, testing, and support provided by each brand.

Download the new brochure P-7433-C at www.AltraLiterature.com.



Altra
Heavy Duty & Overrunning
Clutch Brake Group

Wichita Clutch • Industrial Clutch • Twiflex Limited
Formsprag Clutch • Marland Clutch • Stieber Clutch

www.WarnerElectric.com

Warner Electric is pleased to launch the new look for the website:

www.WarnerElectric.com

which features a newly designed eCatalog, product line information, key markets, OrderNet and eSales links, a distributor locator, a sales locator, and the Warner Electric Literature Portal.

You can also find quick links to the company social media outlets along with contact information for both the US and Europe.

The website is available in:

- English
- French
- German

Warner
Electric



www.Formsprag.com

Formsprag Clutch has recently released an updated website:

www.Formsprag.com

The new website provides an overview of Formsprag's product offerings for a wide range of industries and applications including the following features:

- A company overview
- Full Formsprag product line information
- An online eCatalog
- Sales Locator
- Distributor Locator
- Catalogs, brochures, service manuals and more for download
- Facility and contact information
- Sales



Formsprag
Clutch

www.IndClutch.com

Industrial Clutch's 75+ years of experience is now showcased in a newly designed website:

www.IndClutch.com

where you can find detailed information about the abilities of the clutch and brake product line, including:

- Dry Clutch and Brake Models LK, LKB, LKM, LKT
- Oil Immersed Clutch and Brake Models CBA, CBH, HBA and HC

The website also provides a company overview, literature and contact information.

Industrial
Clutch



www.Marland.com

Marland Clutch has announced a new and improved website:

www.Marland.com

This freshly modified website is an excellent resource for engineers and technical professions as it holds access to:

- A review of the company and its history
- Information for both Sprag and Roller products
- Catalogs, brochures, service manuals and more in one location
- An overview of many different markets and applications
- Sales Locator
- Contact information



Marland
Clutch

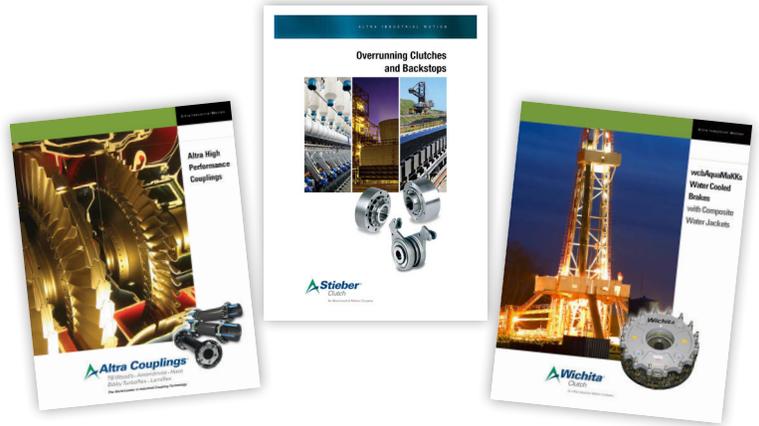
New Literature

Now Available for Download or Request..

New/Updated Catalogs, Brochures, Flyers and More!

P-1819-AC	Amerigear Standard Gear Couplings
P-1744-CG-CN-A4	Altra Industrial Couplings brochure - Chinese
P-1954-TBW	QT Power Chain II catalog
P-1956-TBW-A4	Dura-Flex Elastomeric Couplings (Metric)
P-1957-TBW-A4	Sure-Flex Elastomeric Couplings (Metric)
P-7000-DWG	Delroyd Standard Worm Gear Speed Reducers
P-7016-CG	Industrial Couplings Contact Information
P-7039-C-SK-A4	Altra Overview flyer - Slovak
P-7059-WL	S-Track Electric Actuators catalog
P-7070-TBW	Distributor Policies and Procedures brochure
P-7135-BGM-CN-A4	B2010 Energy Saving Geared Motor Platform brochure- Chinese
P-7158-BGM-CN-A4	PM Synchronous Motors for Explosion Proof Environments brochure- Chinese
P-7234-TBW	Sure-Flex, Dura-Flex and Form-Flex eCatalog brochure
P-7240-APT	Americardan Universal Joints catalog
P-7293-HD and A4	Flexible Couplings catalog
P-7362-C-A4	Solutions for the Farm and Agriculture Market
P-7408-TBW	Coupling Selector brochure
P-7424-WE-A4	Warner Electric Europe Overview
P-7424-WE-PT-A4	Warner Electric Europe Overview - Portuguese
P-7426-SC	Main Stieber Catalog: Overrunning Clutches and Backstops
P-7515-CG	Altra High Performance Couplings brochure
P-7521-WC	wcbAquaMaKks Water Cooled Brakes with Composite Water Jackets brochure

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



Articles & Application Profiles

Articles for all Altra Brands

P-1928-WE	"Getting a Handle on Gripping" article
P-7370-BG	Avoiding Common Gearbox Lubrication Problems
P-7380-BG	Stainless Steel Powertrains Provide Peace of Mind article
P-7432-WC	Innovative New Products from Wichita Clutch Featured at OTC
P-7484-BGM	How Looking Back can Help Power Transmission Engineers to Move Forward article
P-7516-TBW	Dura-Flex Couplings Stand up to Tough Mobile Hydraulic Fracturing Pump Applications



Application Profiles for all Altra Brands

P-7063-C	Speed Reducers and Couplings for Winemaking Pump Systems
P-7110-BGM	Hygienic Surface Design of Aseptic Drives
P-7111-BGM	Geared Motors for Wastewater Engineering
P-7319-HD	Flex M Single-Stage Couplings for Measurement Systems application profile
P-7334-WL	K2 Linear Actuators for Grain Truck Chute Opener application profile
P-7353-BG	700 Series Speed Reducers for Powered Conduit Benders application profile
P-7466-WL	Programmable S-Track Electric Actuators for Packaging Lines application profile
P-7467-WL	M-Track Actuators and Wireless Controls for Remote Window Operators application profile
P-7510-NG	Custom Gearboxes for Drilling Rig Drawworks application profile
P-7511-BG	Behind the Scenes: 200 Series Gear Motors application profile
P-7517-NG	Custom Heavy-Duty Speed Reducers for Bascule Lift Bridges application profile
P-7518-NG	Custom Heavy-Duty Gear Drives for Bascule Bridges application profile
P-7519-NG	Custom Speed Reducers for Swing Bridges application profile
P-7520-NG	Heavy-Duty Speed Reducers application profile



Tradeshows

Upcoming Shows

2013 Shows

Turbomachinery	Houston, TX	October 1-3
MecaTec	Helsinki, Finland	October 1-3
Interlift	Augsburg, Germany	October 15-18
PTC Asia	Shanghai, China	October 28-31
ADIPEC	Abu Dhabi	November 1-13
ITES	London, UK	November 12-14
Power Gen 2013	Orlando, FL	November 12-14
Marintec China	Shanghai, China	December 3-6



Turbomachinery 2013
October 1-3 • Houston, TX



AIMEX 2013
August 20-23 • Sydney, Australia

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