

# Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

Vol. 4 | No. 2 | 2015

## Sure-Flex<sup>®</sup> PLUS<sup>+</sup>

TB Wood's Incorporated

### NEW Sure-Flex Plus EPDM & Neoprene Sleeves



### Featured in this Edition...

TB Wood's  
Sure-Flex<sup>®</sup> Plus

Boston Gear Original  
"Domed Crown"  
Stainless Steel Reducer

Delroyd Worm Gear  
Mixer Drives - Improved  
Delivery

Formsprag LCB  
Fan Backstops

Svendborg BSFH 520  
Braking System With  
SOBO<sup>®</sup>

TB Wood's Made-to-  
Order Sheaves



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the Power Review

Altra Industrial Motion *The Power Of Experience*

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

## Sure-Flex® Plus: A New Standard for Performance

For over 50 years, TB Wood's has led the coupling industry with the original TB Wood's Sure-Flex design. And we haven't stopped innovating: this industry favorite just got even better.

Our new Sure-Flex Plus EPDM and Neoprene sleeves are best-in-class for coupling performance and value. Here's why:

### High Torque Rating

30% Increased Torque Rating

Provides longer service life in demanding applications, reducing required maintenance and associated replacement cost.

### Longer Life

Sure-Flex Plus Lasts Over 3X Longer than the Competition

Extensive testing shows our sleeves outlast the imitators. More uptime means less costly downtime.

### Better Value

Save Money Using a Smaller Coupling

The increased rating of the Sure-Flex Plus sleeves lets the user choose a one-size-smaller coupling for over 50% of common applications. This lowers the cost of both initial purchase and future sleeve replacement.

### Interchangeable

Retrofits to Existing Flanges

No need to replace the full coupling – The Sure-Flex Plus sleeve design is 100% compatible with the current industry standard that TB Wood's created over 50 years ago.

For more information download P-7819-TBW from [www.AltraLiterature.com](http://www.AltraLiterature.com) or visit [www.TBWoods.com](http://www.TBWoods.com)



### Easy Online Tools for Quick Selection and Application

New selection program, 3-D CAD models, e-catalog, and interchange guide make selecting the right coupling simple!

[www.TBWoods.com/Select](http://www.TBWoods.com/Select)

[www.TBWoods.com/Support](http://www.TBWoods.com/Support)



### Sure-Flex® Plus Savings Calculator

Calculate your savings by visiting:

[www.SureFlexPlus.com](http://www.SureFlexPlus.com)

### Scan to Watch

Sure-Flex Plus Video

[www.TBWoods.com/SureFlexPlus](http://www.TBWoods.com/SureFlexPlus)



Additional Sure-Flex Plus literature available for download from [www.AltraLiterature.com](http://www.AltraLiterature.com): P-1690-TBW, P-7822-TBW

**TB Wood's**  
Incorporated

## Delroyd Worm Gear Mixer Drives

Delroyd is committed to providing the best delivery in the industry for Worm Gear Mixer Drives.

2" through 12" Standard Catalog Reducers are now available in 4-7 weeks.

Worm Gear Mixer Drives (P30 - P40 - P50 - P60 - HP40 - HP50 - HP60 Units) are now available in 3 weeks.

Download literature from [www.AltraLiterature.com](http://www.AltraLiterature.com) P-7560-DWG, P-7561-DWG, P-7630-DWG or visit [www.Delroyd.com](http://www.Delroyd.com)

Scan to Watch:  
Delroyd Improved Delivery



**Delroyd**  
Worm Gear

## TB Wood's Made-to-Order Sheaves

TB Wood's is recognized in the industry as the "Large Sheave" experts with a maximum capacity of 108-inch diameter.

Experienced Application Engineers provide optimum designs and specific application selections.

Integrated foundry with machining enables superior response time for made-to-order products.

Special Made-to-Order capabilities include:

- Specific, special diameters to achieve optimum speeds
- Special hub designs
- High-grade of iron (ductile) for high speeds
- Private-branded sheaves with OEM brands/part numbers

For more information, visit [www.TBWoods.com](http://www.TBWoods.com) or call 1-888-829-6637

**TB Wood's**  
Incorporated



## Boston Gear Original "Domed Crown" Stainless Steel 700 Series

The Boston Gear 700 Series Worm Gear Speed Reducer has been a foundation in food and beverage applications for decades. As a leader in worm gear technology, Boston Gear continues to improve product performance by developing innovative designs to meet more stringent demands and anticipated tightening of federal regulations in the food and beverage industry.

Utilizing the often imitated but never equaled 700 series worm gearing combined with new exterior designs, the new stainless steel 700 series performance has been optimized to withstand the harshest washdown conditions! The new line incorporates features that were designed with the input of some of the food processing industries' leading players to maintain optimal performance in the toughest caustic environments.

The Stainless Speed Reducer is NSF International certified and the Stainless Gearmotor is UL / ULc Certified.

### Boston Gear Stainless Gear Drives Enhance Food Safety

#### The Clean Product Advantage

- NSF Certified
- Sealed motor flange
- Electropolished exterior finish
- Covered hardware
- Maintenance friendly features



P-7756-BG



Laser marked nameplate provides worry-free part identification while maintaining a smooth, unetched surface. Rounded housing prevents foreign matter adherence and fluid accumulation.

Process improvements have yielded the BEST standard leadtime for stainless worm gear reducers.

#### The Boston Gear Service Advantage

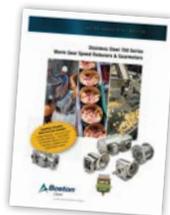
- Standard 2 day delivery on any cataloged SS700 Series product
- Same day break down service
- After hours/holiday hotline
- Stocked at local and regional distribution centers



Scan to learn more about the SS700 Series full range of products



For more information download P-1998-BG & P-7756-BG from [www.AltraLiterature.com](http://www.AltraLiterature.com) or visit [www.BostonGear.com](http://www.BostonGear.com)



## Formsprag LCB Fan Backstops

Looking for an economic way to solve the problem of wind-milling in fan applications and extend the life of your fan system? Formsprag has the answer!

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. These clutches are maintenance free and easy to install.

For more information download P-7428-FC from [www.AltraLiterature.com](http://www.AltraLiterature.com) or visit [www.Formsprag.com](http://www.Formsprag.com)



## BSFH 520 Braking System With SOBO®

Svendborg's unique soft braking control (SOBO) provides a range of safety and durability benefits in heavy industrial applications including mining. Deceleration and the stopping of heavy conveyor loads is critical, and controlled braking is essential for a significant reduction of torque peaks, preventing damage to the belt and mechanical components. Manufactured in-house, Svendborg's specialized hydraulic power units are engineered to meet any mining requirement. In order to minimize downtime, the braking systems are equipped to monitor oil level and temperature, motor and pump function, and operational pressure.

For more information download P-7770-SV from [www.AltraLiterature.com](http://www.AltraLiterature.com) or visit [www.Svendborg-Brakes.com](http://www.Svendborg-Brakes.com)



## Upcoming North American Shows

### 2015 Shows

OTC 2015	Houston, TX	May 4-7
AISTech 2015	Cleveland, OH	May 4-7
CIM 2015	Montreal, Canada	May 10-12
AWEA WindPower	Orlando, FL	May 18-21
GPS 2015	Calgary, AB, Canada	June 9-11
Turbomachinery	Houston, TX	September 14-17
Process Expo 2015	Chicago, IL	September 15-18



### 2016 Shows

MINExpo International 2016	Las Vegas, NV	September 26-28
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For more information about upcoming tradeshows, visit:  
[www.Altramotion.com/Tradeshow](http://www.Altramotion.com/Tradeshow)



**OTC 2015**  
 May 4-7 | Houston, TX

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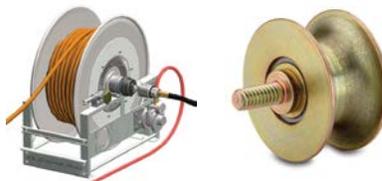
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### Featured News Stories



#### Ameridrives – Ameriflex® Disconnect Coupling for Power Plant

A new engineered coupling solution was needed at the first coal-fired power plant in the U.S. that utilizes ultrasupercritical boiler technology, where water moves directly from a liquid to superheated steam. As a result of the process, the new plant is much more efficient with reduced carbon dioxide emissions.



#### Kilian – Anti-Corrosive Custom Bearings For Pressure Washer Hose Reel

A high-pressure cleaning machine manufacturer submitted a request to the Kilian team. This manufacturer needed a custom bearing solution that could handle a guide hose reel. The custom bearing had to allow the unit to hold, retract and dispense the hose for the cleaning machines.



#### Bauer Gear Motor – AsepticDrive with PMSMs for Fish Processing Lines

Van der Lee Seafish processes 250 tons of fresh frozen fish every week for shipment to customers worldwide. The company was using a variety of motors on their processing machines and conveyor systems at their facility in Urk, Netherlands..