

# Power Review

*The Power Brands in Power Transmission*

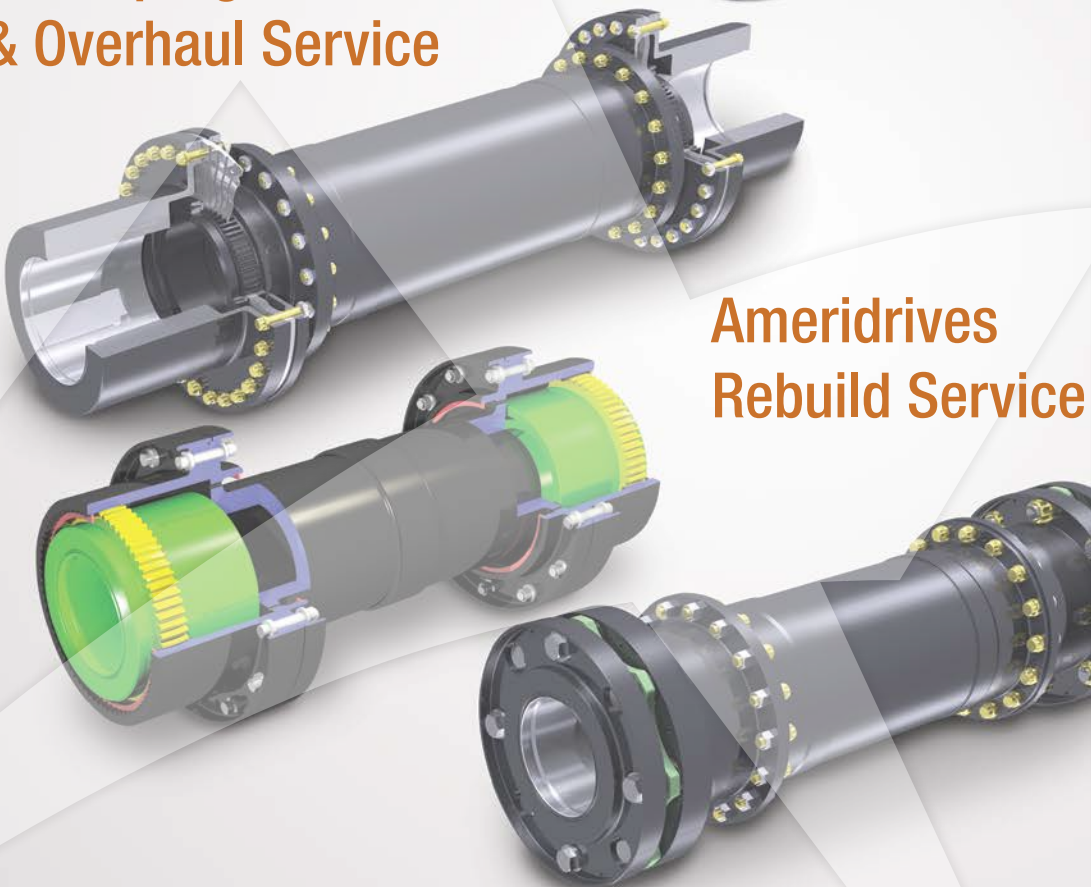
**Altra Industrial Motion**

Vol. 5 | No. 2 | 2016

## Formsprag Rebuild & Overhaul Service



## Ameridrives Rebuild Service



## Featured in this Edition...

Formsprag Rebuild & Overhaul Service

Boston Gear Original Domed Crown™ Stainless Steel 700 Series

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TBW MTO Sheaves

Ameridrives Rebuild Service

Sure-Flex® Plus: A New Standard for Performance

Svendborg Brakes Service & Maintenance

Gearing Solutions for the Nuclear Power Industry



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Altra Industrial Motion *The Power Of Experience*

Ameridrives Couplings

Ameridrives Power Transmission

Bauer Gear Motor

Bibby Turboflex

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

## Formsprag Rebuild and Overhaul Service

Send Formsprag your old clutches to make them like new again. The difference is not just cosmetic.

All internal components – sprags, energized springs, retainer, bearings, seal and hardware are refurbished or replaced to new performance standards. The inner and outer races are ground to specifications noted below so that no wear patterns remain.

- Sprag Surface is hardened to 58-62 Rc
- Sprag Surface finish is 15-25 microinches
- Sprag Surface taper limit is 0.0002 inch per inch

Consider these advantages:

- **Price** – A guaranteed savings of at least 30% or more versus new product
- **Speed** – Clutches are received, inspected and rebuilt in the shortest possible time frame
- **Warranty** – 1 year on labor and materials, same as new clutches
- **Emergency Breakdown Program** – All products that are air freighted into the Warren plant are processed immediately and, in most cases, are able to be rebuilt within a 24-hour period.

For more information download Application Guide P-1465-FC from [www.AltraLiterature.com](http://www.AltraLiterature.com)



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

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 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

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

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)



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



## L-Jaw Coupling Interchange

TB Wood's L-Jaw coupling is designed to meet high-quality standards while remaining affordable. The L-Jaw is available with three insert materials and is 100% interchangeable with industry-standard designs.

An L-Jaw assembly consists of one spider (Buna-N, Urethane or Hytrel) and two hubs (L, AL or SS). Order by component. See catalog for available stock sizes.

For more information, download P-8017-TBW from [www.AltraLiterature.com](http://www.AltraLiterature.com)



## 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, download P-7968-TBW from [www.AltraLiterature.com](http://www.AltraLiterature.com)





## Ameridrives Rebuild Service

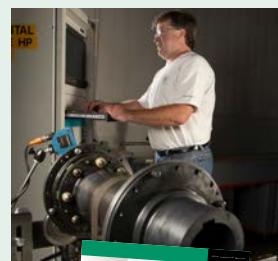
**Ameridrives remanufactured couplings look like new, perform like new and are warranted like new.**

Ameridrives Rebuild Service can refurbish your old, worn couplings for substantially less than the cost of a new replacement coupling. The economical rebuild service applies to all Ameridrives couplings including Ameridisc®, Ameriflex® and Amerigear® high performance, high speed couplings used primarily on turbomachinery, compressor and pump applications in the power generation, oil & gas and marine industries. Other coupling brands are accepted on a case-by-case basis.

As a leading global coupling manufacturer, Ameridrives has the team, facilities, and nearly 100 years of inspection and repair experience to rebuild and replace all coupling components as required. Repairs are completed to meet the exacting standards of the original coupling.

For more information download P-7948-AC from [www.AltraLiterature.com](http://www.AltraLiterature.com).

For details on the rebuild program, call 814.480.5095 or visit [www.Ameridrives.com](http://www.Ameridrives.com)



## 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)

**Sure-Flex® PLUS**  
TB Wood's Incorporated



## Svendborg Brakes Service & Maintenance

In order to reduce costs and increase productivity, you must be able to measure and compare how your system is performing over time. After all, you can not manage what you haven't analyzed.

A Service visit will provide the owner of a Svendborg system with a complete picture of how the brake system is performing. Over time, regular servicing of the system will ensure it continues to run according to the original specification as well as avoiding unplanned shutdowns.

For more information download P-8009-SV from [www.AltraLiterature.com](http://www.AltraLiterature.com)



## Gearing Solutions for the Nuclear Power Industry

In 2014, after decades of supplying nuclear parts through strategic partners, Nuttall Gear decided to further its commitment to their nuclear customers by establishing its own Nuclear Quality Assurance Program.

The 10CFR50 Appendix B program is implemented through ASME NQA-1 with Nuttall Gear also being an ISO 9001:2008 certified manufacturing facility. The experience and commitment to quality are second to none, and by partnering with Nuttall Gear, you can be assured that repairs and replacement components are genuine OEM quality and manufactured to meet or exceed original design specifications.

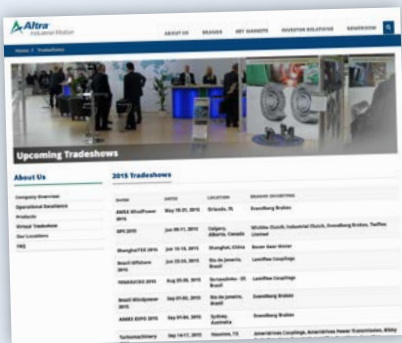
For more information download P-8021-NG from [www.AltraLiterature.com](http://www.AltraLiterature.com)



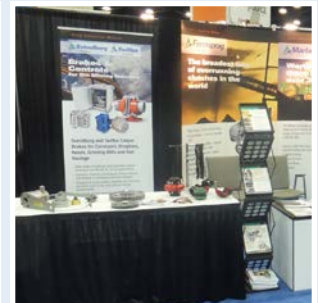
## Upcoming North American Shows

### 2016 Shows

GPS	Calgary, Alberta, Canada	June 7-9
Turbomachinery	Houston, TX	September 12-15
Heavy Movable Structures (HMS)	Tampa, FL	September 19-22
MINExpo International	Las Vegas, NV	September 26-28
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](http://www.Altramotion.com/Tradeshow)



**Coal Prep 2016**  
**April 25-27 | Louisville, KY**

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## Featured News Stories



### Bauer Custom Geared Motor Drive Assembly for Gear Inspection Stand

A leading global aerospace and defense OEM required a unique gear drive solution for use on a large gear inspection stand located in a clean room chamber. The 11 ft. diameter gears are used in state-of-the-art hybrid propulsion drives installed on US Navy warships.



### Kilian Custom Bearing Assemblies for Hospital Overbed Tables

A leading international hospital equipment manufacturer needed a cost-effective bearing solution to replace the nylon bushings used on its adjustable height overbed tables. The bearings allow the telescoping table base to be raised and lowered for optimum ergonomic patient use.



### Guardian Superflex Couplings for Portable Quarry & Mining Screens

The OEM consulted with Guardian engineers after testing three competitor coupling designs without success. Upon careful review of the Guardian coupling choices available, the Superflex coupling was selected due to its ability to withstand the harsh environment and stand up to the severe shock and vibratory loading of the screen.