

# Power Review

The Power Brands in Power Transmission

Altra Motion

Vol. 8 | No. 1 | 2019

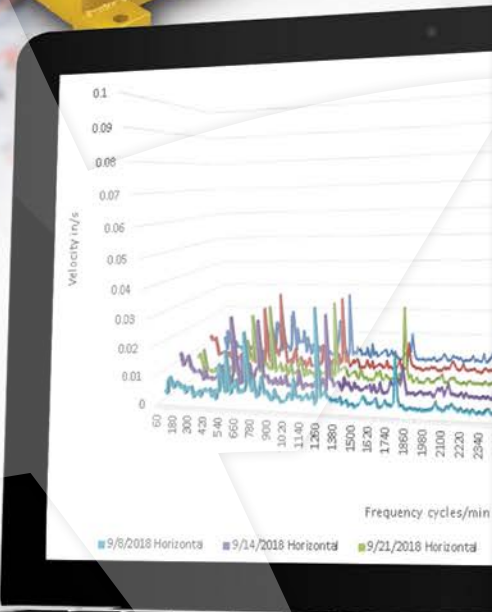
**IoT**  
Industrial Internet of Things



**NEW**

## NEW Smart Marland Monitoring System

Remotely monitor equipment operating conditions



## Featured in this Edition...

Smart Marland Monitoring System

NEW Warner Electric Catalogs

TB Wood's Specify the Difference

Improvements to Online Product Selection Tools: Boston Gear, Formsprag, TB Wood's, Warner Electric & Warner Linear

Let Nuttall Gear and Delroyd Worm Gear Be Your Partner for Gear Box Rebuilds & Repairs



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For more information contact us at:  
[info@altramotion.com](mailto:info@altramotion.com) or  
visit [www.altramotion.com](http://www.altramotion.com)



Scan to download the interactive version of the Power Review

Creating A Premier Industrial Company

Ameridrives

Bauer Gear Motor

Bibby Turboflex

Boston Gear

Delevan

Delroyd Worm Gear

Deltran

Formsprag Clutch

Guardian Couplings

Huco

Jacobs Vehicle Systems

Kilian

Kollmorgen

Lamiflex Couplings

Marland Clutch

Matrix

Nuttall Gear

Portescap

Stieber

Stromag

Svendborg Brakes

TB Wood's

Thomson

Twiflex

Warner Electric

Warner Linear

Wichita Clutch

## Smart Marland Monitoring System

The Smart Marland Monitoring System provides up to the minute access to critical system operating conditions including Vibration, Temperature and Oil Level. You can now remotely monitor the condition of your equipment from anywhere using your computer or cell phone.

### Performance Capabilities:

- Monitor up to 6 devices from a single gateway
- Set desired report intervals
- Perform statistical analysis to identify maintenance and repair needs
- Alarm notifications

### Simple System Requirements:

- Power supply (24VDC, 120/240 VAC, 50/60 Hz)
- Less than 200m line of site between gateway and devices
- Access to local network or cellular signal

### Reporting Capability:

- Current measurements
- Historic trending
- Vibration analysis

For more information, download P-8666-MC from [www.AltraLiterature.com](http://www.AltraLiterature.com)



## NEW Warner Electric Catalogs

Warner Electric has released five new catalogs detailing electromagnetic clutches/brakes. Packaged product overviews and the full engineering section are included in all catalogs.

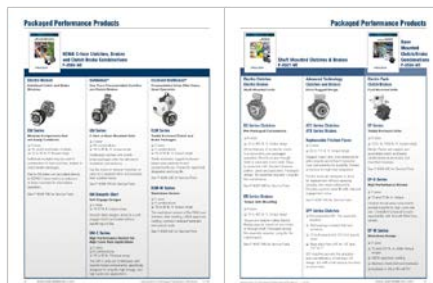
**P-8586-WE** NEMA C-Face Clutches, Brakes and Clutch/Brake Combinations

**P-8587-WE** Shaft Mounted Clutches & Brakes

**P-8588-WE** Base Mounted Clutch/Brake Combinations

**P-8589-WE** Electrically Released Spring-Set Brakes & Unibrake AC Motor Brakes

**P-8590-WE** Permanent Magnet Electrically Released Brakes



Packaged product overviews



For more information, download the catalogs listed above from [www.AltraLiterature.com](http://www.AltraLiterature.com)

## TB Wood's Specify the Difference

TB Wood's is highlighting what sets them apart in the industry in the areas of **SERVICE**, **SUPPORT** and **STRENGTH**.

### SERVICE

- We provide fast answers, with a "live" customer service associate based at our factory
- Our manufacturing plants are structured to provide short lead times
- We provide fast, accurate quote turnaround
- We're responsive to ensure that our customers questions and issues will be promptly and properly addressed

### SUPPORT

- We provide the right solution, the first time, every time.
- Our customer service team is very knowledgeable
- We're extremely experienced with more than a century of manufacturing in Chambersburg, PA
- We're problem solvers for the tough applications many competitors can't handle
- We provide exceptional field support

### STRENGTH

- We provide the best-in-class design and materials
- We deliver consistent product quality you can depend on
- We maintain complete control of product specifications and design flexibility



For more information, visit [www.tbwoods.com](http://www.tbwoods.com)

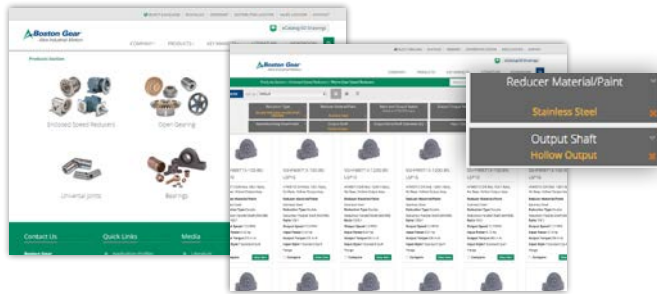


Scan to see the Specify the Difference overview video

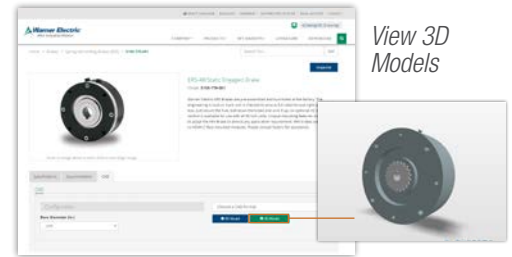


## Improvements to Online Product Selection Tools: Boston Gear, Formsprag, TB Wood's, Warner Electric & Warner Linear

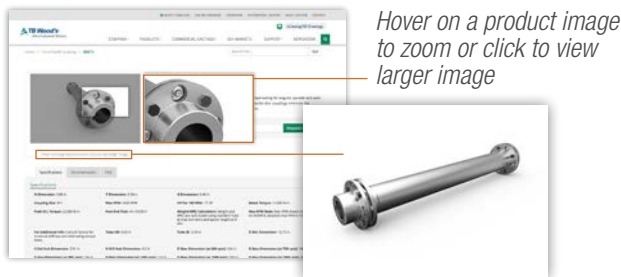
The Boston Gear, Formsprag Clutch, TB Wood's, Warner Electric and Warner Linear eCatalogs have been updated to a more user-friendly interface with simplified navigation tools. Line drawings are now expandable for easier reading and new CAD models have been added. Easily select filters and compare products to meet specific requirements and applications. Request quotes, view related literature and product models. eCatalogs are also mobile device and tablet friendly.



Filtered selections now remain at the top of the page and scroll with the user

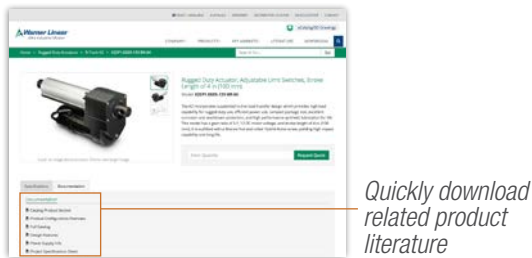
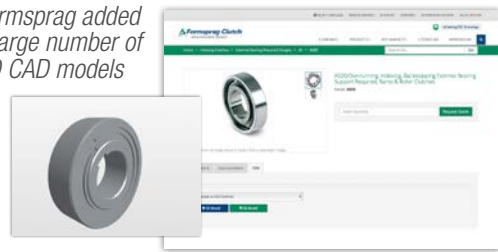


View 3D Models

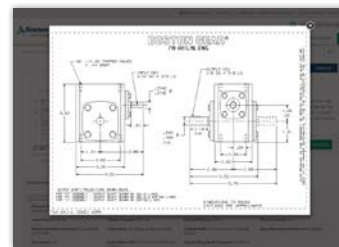


Hover on a product image to zoom or click to view larger image

Formsprag added a large number of 3D CAD models



Quickly download related product literature

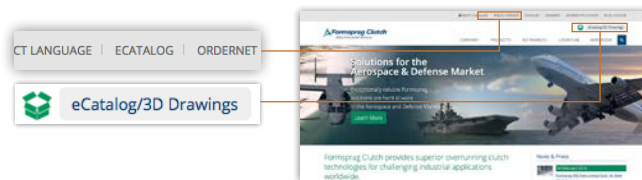


Boston Gear one page specification sheets are now available

For more information, visit the brand sites below and click on the eCatalog link in the menu bar or the eCatalog icon:

[www.bostongear.com](http://www.bostongear.com)  
[www.formsprag.com](http://www.formsprag.com)  
[www.tbwoods.com](http://www.tbwoods.com)

[www.warnerelectric.com](http://www.warnerelectric.com)  
[www.warnerlinear.com](http://www.warnerlinear.com)



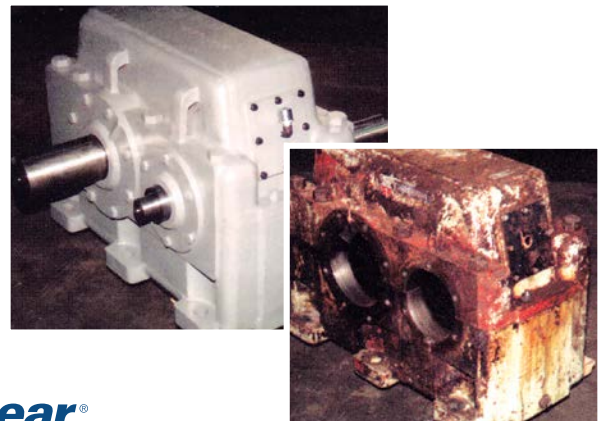
## Let Nuttall Gear and Delroyd Worm Gear Be Your Partner for Gear Box Rebuilds & Repairs

Nuttall and Delroyd have extensive experience in gear drive applications, combined with the total manufacturing and design capabilities that enable them to provide a single, comprehensive source for improving productivity, and offers a cost-effective repair solution for any manufacturer's gear drive.

**All complete rebuilds include new factory warranty.**

- Repair and Rebuild
- Redesign and Rerate
- System Analysis
- Quality Assurance
- Load Testing
- Field Service
  - 24-Hour Emergency Service
  - Mill Outage Support Services
  - Predictive Maintenance Services
  - Repairs
  - Torque Measurements
  - Training Seminars

For more information, visit:  
[www.nuttallgear.com/services/rebuild-services](http://www.nuttallgear.com/services/rebuild-services)  
[www.delroyd.com/services/rebuild-services](http://www.delroyd.com/services/rebuild-services)



# Altra OnDemand Webinars



## OnDemand Webinars:

- Altra Refinery Applications
- Factors To Consider When Selecting A V-Belt Drive
- Factors To Consider In Coupling Selection
- Load Holding Brake Solutions: High Capacity Systems
- Open Gearing Capabilities: Standard & Custom
- Helping Us Help You: Product Identification
- IP Ratings: Where It Matters & How We Address It
- Warner Linear Product Launch – Introduction To H-Track
- Factors to Consider in Linear Actuator Selection
- New TB Wood's Sure-Flex Plus® Savings Calculator
- Centrifugal Clutches: Applications and Selection

## Fast Facts Webinars:

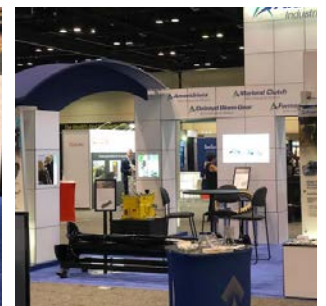
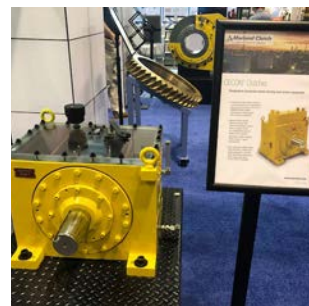
- Clutch/Brakes: Heavy Duty or Normal Duty  
*Explains the differences in Normal Duty and Heavy Duty product configuration*
- Power Supplies: AC or DC Side Switching  
*A review of why an application will most easily use either switching on the AC or the DC side of the power supply.*
- Magnetic Particle Clutches and Brakes  
*A review of magnetic particle design considerations and constraints.*
- Electromagnetic Clutches/Brakes: Why DC?  
*An explanation of why electro-magnetic friction clutches and brakes use DC power to operate.*
- Warner Electric Clutches and Brakes: Why not below 100 RPM?  
*This presentation explains why Warner Electric clutches and brakes operate best at speeds above 100 RPM.*
- Burnishing Electromagnetic Clutches and Brakes  
*An explanation of burnishing and why it is important to proper operation of clutches and brakes.*

For more information, visit [www.AltraWebinars.com](http://www.AltraWebinars.com)

# Upcoming North American Tradeshows

## 2019 Shows

AWEA O&M	Coronado, CA	Feb 27 - 28
HELI-EXPO	Atlanta, GA	Mar 5 - 7
WESTERN TURBINE USERS, INC.	Palm Springs, CA	Mar 17 - 20
GCA	Galveston, TX	Mar 19 - 22
USITT	Louisville, KY	Mar 20 - 23
PROFOOD TECH	Chicago, IL	Mar 26 - 28
ISRI	Las Vegas, NV	Apr 6 - 11
WIND OPERATIONS DALLAS	Dallas, TX	Apr 16 - 17
MARI-TECH	Ottawa, Canada	Apr 23 - 25
AFS METALCASTING CONGRESS	Ft. Worth, TX	Apr 27 - 30
CIM	Montreal, Canada	Apr 28 - May 1
OTC	Houston, TX	May 6 - 9
AISTECH	Pittsburgh, PA	May 6 - 9
RAPID	Pittsburgh, PA	May 20 - 23
AWEA	Houston, TX	May 20 - 23
CANADA GAS & LNG	Vancouver, Canada	May 21 - 23
GPS	Calgary, Canada	June 11 - 13
TURBOMACHINERY	Houston, TX	Sept 10 - 12
NAEC	Grand Rapids, MI	Sept 18 - 19
WEFTEC	Chicago, IL	Sept 21 - 25
MINEXPO	Las Vegas, NV	Sept 26 - 28
GIE+EXPO	Louisville, KY	Oct 16 - 19
PACIFIC MARINE EXPO	Seattle, WA	Nov 18 - 20
POWERGEN	Orlando, FL	Nov 19 - 21
WORKBOAT	New Orleans, LA	Dec 3 - 5



## POWERGEN 2018

Dec 4-6, 2018 | Orlando, FL

For more information about upcoming tradeshows, visit: [www.Altramotion.com/Tradeshow](http://www.Altramotion.com/Tradeshow)