

# Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

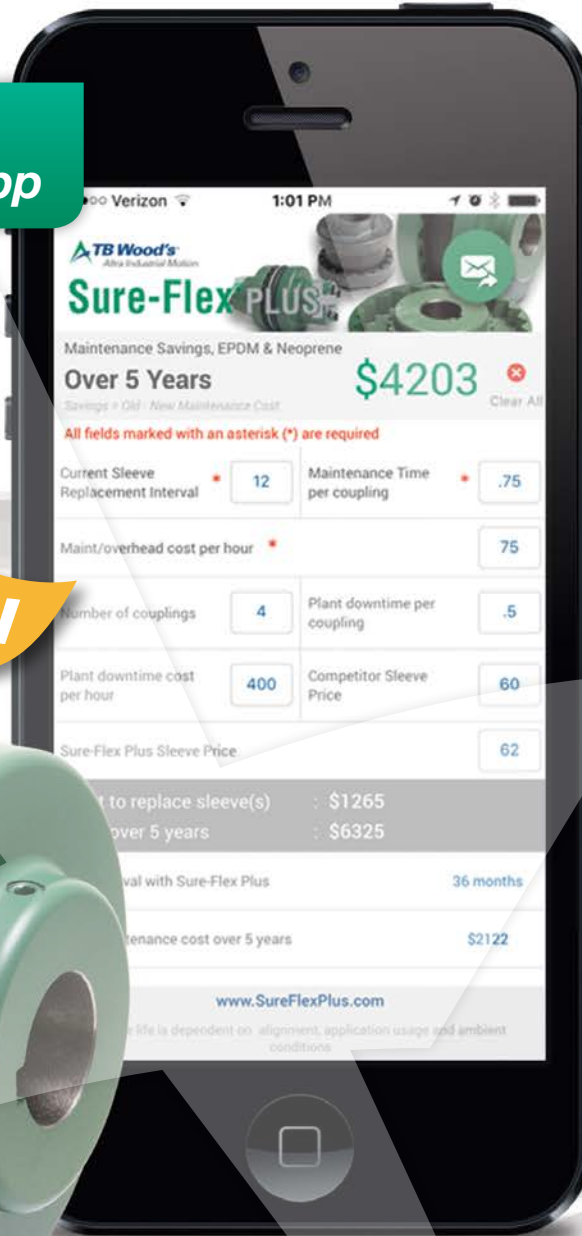
Vol. 6 | No. 4 | 2017

## Sure-Flex® PLUS+

### NEW Maintenance Savings Calculator App

Save money over the long term while satisfying applicable distributors' cost savings program requirements.

NEW



### Featured in this Edition...

Sure-Flex Plus® Maintenance Savings Calculator

Turboflex Plus High Performance Disc Coupling

Twiflex Brake Packages

Stromag is Committed to the Farm and Agriculture Market

Guardian and Stromag Flywheel Drive Couplings

Kilian CB-14 Series Conveyor Bearings

 **Altra®**  
Industrial Motion

Find **Altra Industrial Motion** on:



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



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the interactive version of  
the Power Review

Altra Industrial Motion *The Power Of Experience*

Ameridrives

Bauer Gear Motor

Bibby Turboflex

Boston Gear

Delroyd Worm Gear

Formsprag Clutch

Guardian Couplings

Huco

Industrial Clutch

Inertia Dynamics

Kilian

Lamiflex Couplings

Marland Clutch

Matrix

Nuttall Gear

Stieber Clutch

Stromag

Svendborg Brakes

TB Wood's

Twiflex

Warner Electric

Warner Linear

Wichita Clutch

## Sure-Flex Plus® Maintenance Savings Calculator

Customers often debate the cost savings they will receive when deciding to use a lower standard product or one that is made for high performance. Now, there is a program to allow users to quantify just how significant the savings can be when replacing a copy-cat coupling sleeve with the high performance Sure-Flex Plus EPDM or Neoprene sleeve. The new Sure-Flex Plus Maintenance Savings Calculator does that for you. This program saves money over the long term and satisfies applicable distributors' cost savings program requirements.

Available both on our website, or installed as a smartphone app on your Android or Apple device. Simply input your current maintenance interval, cost of downtime, sleeve replacement cost, etc. and the program will show you just how much you could be saving by using genuine TB Wood's Sure-Flex Plus sleeves.

### Sure-Flex Plus Maintenance Savings Calculator App

- Save hundreds – or thousands – on maintenance
- Sure-Flex Plus sleeve life is over 3x that of imitators
- Maintenance intervals can be extended by 3x or more using Sure-Flex Plus
- More durable: Minimize downtime from competitors' premature sleeve failure

For more information, download P-8367-TBW  
from [www.AltraLiterature.com](http://www.AltraLiterature.com)



Scan to download the Sure-Flex Plus®  
Maintenance Savings Calculator

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



## Turboflex Plus High Performance Disc Coupling

This high-performance coupling is designed with technology that provides solutions for Turbomachinery applications.

As a cost-reduced disc coupling that provides exceptional value, the Turboflex Plus meets market demands for high performance at an economical price. Available are three different types of Turboflex Plus couplings, which demonstrate the flexibility that this solution provides. All models are fully API-671/ISO 10441 compliant for critical oil and gas, energy, and petrochemical applications. Features and advantages include:

- Scalloped profile disc pack optimized for high speed compressor applications
- Cost reduced, economical solution for today's turbomachinery market
- Fully compliant to API-671/ISO10441
- Disc material – 300 series stainless, Inconel option
- Coated or uncoated discs
- Phosphate coating standard on components
- Shrouded fasteners for reduced windage

For more information, download  
P-8366-C & P-8388-C from  
[www.AltraLiterature.com](http://www.AltraLiterature.com)

Scan to watch the  
Turboflex Plus Video



## Twiflex Brake Packages

Twiflex brake packages combine world-class Twiflex spring applied, hydraulically released caliper brakes with the state-of-the-art LCS hydraulic power unit mounted on a custom fabricated base/pedestal. These compact units feature a small footprint allowing them to fit into applications with limited space available.

Twiflex standard brake packages are available with three different spring applied, hydraulically released brake models with braking force ratings ranging from 6.8 kN to 119 kN. These compact configurations are designed to meet the most common range of application requirements. All three packages are shipped complete with a hand pump, terminal box, and pressure gauge.

Complete, ready-to-install brake assemblies from Twiflex provide time-saving convenience to OEMs while ensuring component compatibility and optimized performance.

### All Standard Packages Include:

- Brake Assembly (spring applied, hydraulically released)
- LCS Hydraulic Power Unit
- Mounting Base/Pedestal
- Hand Pump (including manual detents)
- Terminal Box
- Pressure Gauge (0-250 bar)

For more information, download P-8454-TF from [www.AltraLiterature.com](http://www.AltraLiterature.com)



## Stromag is Committed to the Farm and Agriculture Market

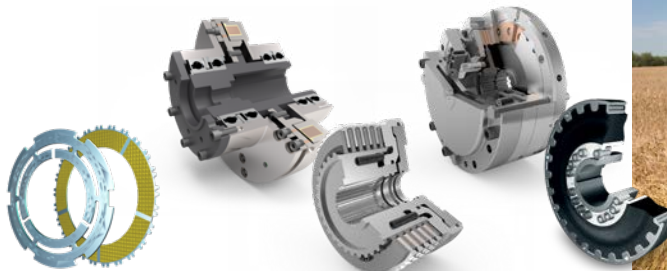
Stromag offers many critical drivetrain products utilized in farming applications including clutches & brakes, friction discs and flywheel couplings.

Stromag is uniquely positioned to leverage their products' reputations, reliability and technologies to help farm equipment manufacturers achieve the necessary productivity and efficiency that farmers require. Every application is analyzed in order to provide efficient, easy-to-maintain, cost-effective solutions to our customers.

For this reason, many leading farm and agriculture OEM's chose Stromag products when reliability and accuracy are necessary to avoid costly downtime and enhance operations.

Stromag products for the Farm and Ag market include: KEVO Pole-Face Friction Clutch, KHM 800/4 Double Piston Clutch, High Temperature Periflex VN, KUK Hydraulic Multi-Disc Clutch and Friction Discs.

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



## Guardian and Stromag Flywheel Drive Couplings

Guardian Couplings and Stromag offer a variety of flywheel couplings for a wide range of applications including but not limited to compressors, pumps, blowers, aerial lifts, excavators, diesel gensets, skid steer loaders, forklifts, and generators.



For more information,  
download P-8395-C from  
[www.AltraLiterature.com](http://www.AltraLiterature.com)



## Kilian CB-14 Series Conveyor Bearings

Kilian introduces the new CB-14 Series Conveyor Bearings. These unique and cost-effective bearings are designed to operate quietly and dependably in the most demanding material handling applications.

CB-14 bearings combine two major features that act together to reduce the metal-to-metal contact that is a common source of noise throughout the conveyor system. The entire CB-14 series has a one-piece, precision machined outer ring to prevent any spreading or splitting under load.

These bearings accommodate standard 7/16-inch hex shafting and dampen noise which is normally transmitted to the conveyor frame. Both inner and outer rings are precision machined from bar stock for maximum concentricity and true running performance. The solid, one-piece rings prevent spreading or splitting problems.

### Benefits Include:

- Noise Reduction
- Easy Replacement
- High-Speed Operation
- One-Piece Outer Ring
- A dependable, low-cost
- Features for retrofit applications or new designs



For more information, download  
P-8455-KM from [www.AltraLiterature.com](http://www.AltraLiterature.com)





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### Boston Gear Centric® Centrifugal Clutch for Mine HVAC System

A global mine ventilation equipment manufacturer needed an overload clutch solution for a large fan drive application. Fans are used to drive fresh air into a downcast shaft while the large diameter main fans draw out old air from the mine through an upcast shaft.



### TB Wood's V-Belt Drive for Sand Mine Conveyors

A reliable belted drive solution was needed by a large mining equipment manufacturer for its moveable inclined conveyors. To meet the application drive requirements, TB Wood's supplied paired ductile iron, 2-groove, v-belt sheaves. 10 in. dia. sheaves were mounted to the electric drive motor shaft, and larger 20 in. dia. sheaves were mounted to the gearbox to achieve the desired torque and speed.



### Warner Electric SF Series Bell Housing Clutch for Oil Well Pump Jacks

An oil drilling company wanted to replace the mechanical (cam over center) clutches on a large number of its pump jacks operating in various oil fields with a new clutch solution. The modified SF Series bell housing electric clutches allow the customer to easily monitor all of their pump jacks and remotely engage and disengage the drive motors as needed from a remote location saving the company considerable cost and time.

## Altra OnDemand Webinars



### OnDemand Webinars:

- Factors to Consider When Selecting a Friction Type Clutch, Brake or Clutch/Brake
- Altra Industrial Motion I Proper Torque Arm Use
- Factors To Consider In Coupling Selection
- Load Holding Brake Solutions: High Capacity Systems
- Factors To Consider When Selecting A Right Angle Worm Gearbox
- Helping Us Help You: Product Identification
- Small Couplings With Big Potential
- Factors to Consider When Selecting Backstopping Clutches
- Factors to Consider in Linear Actuator Selection
- New TB Wood's Sure-Flex Plus Savings Calculator

**For more information, download the Altra OnDemand flyers P-8121-4-C & P-8121-5-C from [www.AltraMarcom.com](http://www.AltraMarcom.com)**

## Upcoming North American Tradeshow

### 2017 Shows

Pacific Marine Expo	Seattle, WA	Nov. 17-19
Workboat	New Orleans, LA	Nov. 29 - Dec. 1
Powergen	Las Vegas, NV	Dec. 5-7
Turbomachinery	Houston, TX	Dec. 12-14

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



**GMRC 2017**

**October 1-4 | Pittsburgh, PA**