

Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

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SVENDBORG BRAKES *Industrial Product Line*

SOBO® iQ **Controller**



Featured **in this Edition...**

Svendborg Brakes
SOBO® iQ and Industrial
Product Line

Warner X-Small Brakes

Bauer Stainless Steel
Products

Kilian Application Profiles
for the Medical Industry

TB Wood's
Sure-Flex® Plus

Ameridrives Repair
Program

Boston Gear Expanded
Stainless Steel Line

Altra's YouTube How-To
Video Series

Twiflex Brake Calipers



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the Power Review

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

Svendborg Brakes: SOBO® iQ and Industrial Product Line

Svendborg Brakes introduces SOBO® iQ controlled braking for general and conveyor systems for any application with hydraulic failsafe brakes where consistent stopping times or distances are desired and less wear and tear on equipment. The SOBO® iQ provides a soft and predictable braking sequence and is typically utilized in applications such as conveyors, cranes, hoists, water gates, bridges, barge unloaders, plus many others.

As a standalone unit, the SOBO® iQ is capable of controlling up to four different hydraulic power units up to 100km away. The SOBO® iQ is meant to be a single control unit for all of the brakes in a single mechanical chain.

Svendborg Brakes' comprehensive product range also includes: custom, active and failsafe hydraulic brakes, hydraulic power units, brake discs, etc. Complete braking solutions include extensive design services, market-leading products, a quality-focused supply chain and unmatched after sales services.

For more information download
P-7916-SV, P-7923-SV & P-1723-18-SV
from www.AltraLiterature.com
or visit www.Svendborg-Brakes.com



Warner's Custom Designed X-Small Brakes

X-Small Brakes are electrically released spring-set holding brakes for applications where weight or space are major constraints. XS Brakes have been designed with two key constraints in mind: optimize the torque level in the smallest space design and at the lightest weight. XS Brakes are highly reliable, fail safe devices designed as statically engaged/disengaged holding brakes. These brakes provide low cycle rate stopping action in emergency situations.

XS Brakes are particularly suited for applications where very small space envelopes and extra low weights are critical: aerospace, medical machinery, machine tools, etc.

For more information download
P-7778-WE & P-7899-WE from
www.AltraLiterature.com



Bauer Gear Motor Stainless Steel Products

Bauer Gear Motor provides a full complement of worm and helical gear drives with varying degrees of sanitary protection to meet the needs of the diverse requirements within a production facility. From standard cast iron and aluminum housings with white or stainless epoxy paint, to fully aseptic or complete stainless steel units, Bauer Gear Motor can provide a drive solution to meet the application requirements.

For more information
download P-7665-BBG from
www.AltraLiterature.com



Kilian Provides Solutions for the Medical Industry

Kilian Manufacturing provides unique solutions for several facets of the medical field. Precision and custom bearing assemblies are provided for hospital overbed tables, mobile medical workstations, x-ray tables, ambulance stretchers, and blood centrifuges.

Kilian engineers can develop custom solutions to meet OEM requirements. Kilian works to design cost-effective, easy-to-install assemblies to satisfy custom application requirements.

For more information download **Application Profiles**
P-7846-KM, P-7847-KM, P-7848-KM,
P-7850-KM & P-7851-KM from
www.AltraLiterature.com



TB Wood's Sure-Flex® Plus

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
- **Longer Life** - Lasts Over 3X Longer than the Competition
- **Better Value** - Save Money Using a Smaller Coupling
- **Interchangeable** - Retrofits to Existing Flanges

For more information download P-7819-TBW
from www.AltraLiterature.com
or visit www.TBWoods.com

Sure-Flex® PLUS
TB Wood's Incorporated



Ameridrives Repair Program

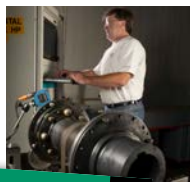
Ameridrives remanufactured couplings look like new, perform like new and are warranted like new.

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.

For details on the rebuild program, call 814.480.5095 or visit www.Ameridrives.com



Ameridrives®
Couplings

Boston Gear Expanded Stainless Steel Line

Boston Gear has recently expanded the Stainless Steel product line to include:

3 New Sizes of SS700 Series - Worm Gear

- 713, 715 and 724 center distances now available
- SSHF713 redesigned to include hollow bores up to 1.00"

All SS700 Series Now Available With QC Option

- QC Quick-Connect motor mount option
- Compact coupling for quick and easy motor disassembly

3 New Sizes of SS2000 Series - Helical Inline

- 2030, 2050 and 2070 frame sizes with full compliment of mounting options
- Output torque to 7500 lbf-in

Larger AC Motors Now Available

- 5, 7.5 and 10 HP TEFC motor sizes
- 208-230/460 -3-60 VAC, 1800 RPM nominal

2 New Styles of SS Mounted Bearings

- Offering now includes 3-bolt drop bearing and wide slot take-up styles
- Expanded range of bore sizes

New Coupling Bore Sizes, Universal Joints and Shaft Accessories

- More complete offering of shaft accessories

For more information download P-7631-BG & P-1998-BG from www.AltraLiterature.com

Boston®
Gear

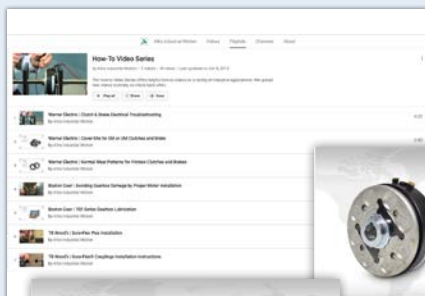


Altra's How-To Video Series on YouTube

Visit Altra Industrial Motion on YouTube to see our newest videos, including our recently added instructional How-To Video Series.

The How-to Video Series offers helpful how-to videos on a variety of industrial applications. We upload new videos routinely, so check back often.

Warner Electric, TB Wood's, and Boston Gear currently have videos featured in the How-To Series that include installation instructions and troubleshooting.



You Tube

www.YouTube.com/user/AltraIndMotion



Scan to visit the
How-To Video
Series

**For more information
download P-7949-C from
www.AltraLiterature.com**

Altra®
Industrial Motion



Twiflex Brake Calipers

Twiflex offers the largest range of industrial disc brake calipers in the world. Spring applied units may be retracted pneumatically, hydraulically or electrically (depending on caliper design) while most direct acting brakes have some form of positive retraction device.

Pneumatically Applied Brakes are best suited for light to medium stopping duties and for tensioning applications where a high degree of control is required.

Hydraulically Applied Brakes address higher torque requirements, while spring applied calipers are essential where braking must be maintained in the event of supply system failure

Mechanically Applied Units are suitable for light tensioning duties or where no external power is available. They may also be specified when designers wish to use their own means of actuation.

**For more information
download P-1648-TF from
www.AltraLiterature.com**



Twiflex®
Limited

**Call Twiflex
Toll-Free: 844.723.3483**

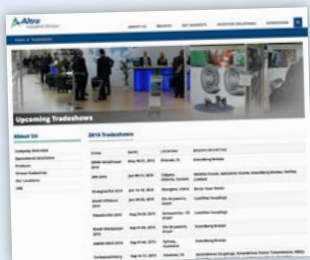
Upcoming North American Shows

2015 Shows

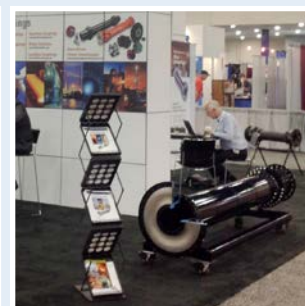
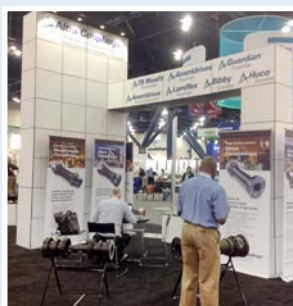
Mining in Mexico	Acapulco, Mexico	October 7-10
International WorkBoat	New Orleans, LA	Dec 1-3
Power-Gen International	Las Vegas, NV	Dec 8-10

2016 Shows

SME	Phoenix, AZ	Feb. 21-24
ISRI	Las Vegas, NV	April 4-6
Coal Prep	Louisville, KY	April 25-27
OTC	Houston, TX	May 2-5
AISTech	Cleveland, OH	May 4-7
GPS	Calgary, Canada	June 7-9
MINExpo International	Las Vegas, NV	September 26-28



For more information about upcoming tradeshows, visit:
www.Altramotion.com/Tradeshow



Turbomachinery 2015
September 14-17 | Houston, Texas

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Featured News Stories



Nuttall – Pentagon Chiller Plant Speed Increasers for Factory Rebuild

The Pentagon's heating and refrigeration plant identified the need to overhaul aging chiller system equipment. Nuttall was contracted to overhaul and modernize the speed increasers. Units were restored to as-new condition. The Nuttall Gear team also provided startup assistance, including laser alignment and vibration analysis of the powertrain, to ensure optimal performance.



Warner – K2x & M-Track Linear Actuators for Baby Leaf Greenhouse Harvesters

A leading manufacturer of horticulture machinery, needed linear actuators to replace hydraulic pistons on their new line of baby leaf harvesters. Two Warner Linear K2x actuators, are used to adjust the position of the conveyor belt and cutting blades. The M-Track actuator is used to adjust the cutting heads' position. M-Track models feature an aluminum zinc alloy housing which resists corrosion and provides protection from dirt, dust and humidity.



Ameridrives – Custom Ameriflex and Amerigear Couplings for Naval Propulsion

Ameridrives Couplings was selected to provide a variety of custom coupling solutions for use aboard the U.S. Navy's fleet of missile destroyers. Engineers worked closely with the ship's propulsion drive OEM to develop custom Ameriflex and Amerigear couplings to meet the challenging application requirements. Both types of couplings are incorporated within both drivetrains on the twin propeller shafts.