

# Power Review

The Power Brands in Power Transmission

**Altra Industrial Motion**  
Food & Beverage

**PACKAGING SOLUTIONS**

**ALTRA WIND TURBINE SOLUTIONS**

Power Transmission Products

**We're committed to the Wind Turbine Market**

As the world's demand for wind power grows, the infrastructure and equipment necessary to produce and distribute under increasing pressure to perform. As industry leaders in electromechanical power transmission products, the Altra Wind Technology family are uniquely positioned to leverage their products' reputations, reliability and technical help achieve the necessary wind power production the world requires.

As a leading multinational designer, producer and marketer of a wide range of electromechanical power transmission Altra offers products utilized in wind turbine applications where reliability and accuracy are necessary to avoid cost assure safe operations and production output.

**Wind Turbine Solutions by Application**

- Meat & Poultry
- Bottling & Capping
- Dairy
- Candy & Confectionery
- Fruits & Vegetables
- Blade Pitch Brakes
- Yaw Brakes
- Shaft Locks
- Rotor Brakes
- Shaft Couplings
- Land-Based Vehicles and Systems

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## Featured in this Edition...

Market Focused Web Portals & Technical Support Literature

- Forklifts
- Elevators
- Mining & Aggregate
- Wind
- Tidal
- Packaging Machinery
- Turf & Garden
- Oil & Gas
- Aerospace & Defense
- Food & Beverage
- Mobile Off-Highway
- Energy

## New Altra Market Websites

See how the Brands of Altra Industrial Motion are Dedicated to Providing Better ways to Solve Power Transmission Applications

Find Altra Industrial Motion on:



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

## Forklifts

Warner Electric and Matrix International are world leaders in the design and manufacture of hydraulic, pneumatic and electromagnetic brakes and clutches for battery powered vehicles.

### Forklift Solutions by Application:

- Electric Counter Balances
- Stackers
- Ride on Pallet Trucks
- Reach Trucks
- High Level Order Pickers
- Very Narrow Aisles

Request brochure # [P-1650-C](#) or visit [www.AltraForklifts.com](http://www.AltraForklifts.com) for more information.



## Mobile Off-Highway

Many of the world's largest OEMs choose the proven products and innovative engineering support offered by Altra brands that provide precision engineered components to support the critical needs of the mobile off-highway industry.

### Mobile Off-Highway Solutions by Application:

- Lifts & Cranes
- Street Sweepers
- Seeders
- Grinding Machines
- Mobile Signs & Lights
- PTOs
- Utility Vehicles
- Forestry
- Chipping Machines
- Band Saws
- Road Construction
- CON/AG Vehicles
- Logging Machines

Visit [www.AltraMobileOffHighway.com](http://www.AltraMobileOffHighway.com) for more information.



## Mining and Aggregate

Altra companies supply a broad product offering to meet the specific power transmission and motion control requirements of all types of mining, quarry, and material handling equipment.

These brands include Ameridrives Couplings, Bibby Turboflex, Boston Gear, Formsprag Clutch, Industrial Clutch, Marland Clutch, Matrix International, Nuttall Gear, Delroyd Worm Gear, Stieber Clutch, TB Wood's and Wichita Clutch.

### Mining and Aggregate Solutions by Application:

- Shovels & Draglines
- Ball & Sag Mills
- Compressors & Pumps
- Cooling Towers
- Blast Hole Drills
- Overland Conveyors
- Fans & HVAC Systems
- Feeder Breakers
- Incline Conveyors
- Winders & Hoists
- Wagon Tippers
- Sizers
- Crushers
- Vehicles
- Stackers
- Reclaimers

Request brochure # [P-1763-C](#) or visit [www.AltraMining.com](http://www.AltraMining.com) for more information.



## Wind

As a leading multinational designer, producer and marketer of a wide range of electromechanical power transmission products, Altra offers products utilized in wind turbine applications where reliability and accuracy are necessary to avoid costly downtime, assure safe operations and production output.

### Wind Turbine Solutions by Application:

- Blade Pitch Brakes
- Rotor Brakes
- Yaw Brakes
- Shaft Couplings
- Shaft Locking Devices
- Access Hatch Actuators

Request brochure # [P-1832-CM](#) or visit [www.AltraWind.com](http://www.AltraWind.com) for more information.



## Tidal

Altra brands Twiflex Ltd. and Wichita Clutch have the technology and engineering capability to provide customized, state-of-the-art braking solutions on any type of tidal turbine.

### Tidal Solutions by Application:

- Disc Brakes
- Caliper Brakes
- Shaft Couplings
- Shaft Locking Devices
- Discs & Hubs
- Torque Limiters
- Power Packs

Request brochure # [P-7013-CM](#) or visit [www.AltraTidal.com](http://www.AltraTidal.com) for more information.



## Packaging Machinery

As pioneers in the power transmission product business, Boston Gear, Warner Electric, TB Wood's, Formsprag Clutch, Warner Linear and Bauer Gear Motor offer a broad product offering to exceed power transmission requirements for all types of packaging machinery with industry focused sales managers who make understanding your application a high priority.

### Packaging Solutions by Application:

- Carton & Case Packaging
- Filling
- Cleaning & Sterilizing
- Wrapping
- Form, Fill & Seal
- Inspections
- Palletizing
- Bottling & Capping
- Blisterpacking
- Labeling

Visit [www.Altra-Packaging.com](http://www.Altra-Packaging.com) for more information.



## Turf & Garden

Warner Electric has many years of experience designing and manufacturing electric clutch and clutch/brake units for mower blade drives on walk-behind mowers, lawn tractors and garden tractors, as well as heavy-duty clutch/brakes for high-end residential and commercial mowers.

Warner Linear engineers have carefully designed linear actuators that provide long-lasting and maintenance-free operation in mower blade lift applications. TB Wood's elastomeric couplings and light-duty pulleys, together with value-added Kilian bearing assemblies are utilized in many mower applications.

### Turf and Garden Solutions by Application:

- Commercial Mowers
- Garden Tractors
- Lawn Tractors
- Walk Behind Mowers

Request catalog # [P-1698-WE](#) or visit [www.AltraTurfandGarden.com](http://www.AltraTurfandGarden.com) for more information.



## Oil & Gas

Altra engineered products such as heavy-duty clutches and brakes, open and enclosed gearing, couplings, and sheaves provide the reliable performance vital to the flow of production in harsh environments and rugged applications. Altra also offers exceptional sales and engineering support localized to the key oil and gas installations worldwide.

### Oil & Gas Solutions by Application:

- Platforms
- Compressors & Pumps
- Pump Jacks
- Drilling and Service Rigs
- Mooring/Positioning
- Fans
- Mud Pumps
- Petro Chem
- Draw Works
- Engine Gearboxes
- Kilns

Request brochure # [P-1173-WC](#) or visit [www.AltraOilandGas.com](http://www.AltraOilandGas.com) for more information.



## Aerospace and Defense

The companies of Altra Industrial Motion provide custom engineered electro-mechanical power transmission solutions to the Aerospace and Defense markets' top customers by applying the latest technologies in design, materials and manufacturing, thoroughly analyzing customer applications and by calling upon extensive application experience.

### Aerospace and Defense by Application:

- Fixed Wing Aircrafts
- Rotary Wing Aircrafts
- Naval Vessels
- Land Based Vehicles & Systems

Request brochure # [P-1717-C](#) or visit [www.Altra-Aerospace-Defense.com](http://www.Altra-Aerospace-Defense.com) for more information.



## Food and Beverage

The brands of Altra Industrial Motion are committed to solving your Food and Beverage applications. Looking for quality and reliability? We have products and the experience to solve your power transmission applications.

### Food and Beverage Solutions by Application:

- Meat & Poultry
- Bakery & Snacks
- Dairy
- Candy & Confectionary
- Bottling & Capping
- Canned Goods
- Fruits and Vegetables

Visit [www.AltraFoodandBeverage.com](http://www.AltraFoodandBeverage.com) for more information.



## Elevators

Elevator braking systems from Warner Electric and Twiflex Ltd. have a reputation for exceptional performance and reliability with major elevator and escalator OEMs globally.

### Elevator Solutions by Application:

- Geared Motors
- Gearless Motors
- Retrofit

Request brochure # [P-1733-C](#) or visit [www.AltraElevators.com](http://www.AltraElevators.com) for more information.



## Energy

Wichita Clutch, Formsprag Clutch, Ameridrives, Marland Clutch, Twiflex Ltd. and TB Wood's are brands that offer years of experience to solve your energy power transmission applications.

### Energy Solutions by Application:

- Steam Turbines
- Fans & Blowers
- Gas Turbines
- Coal Fired Plants
- Cooling Towers
- Ethanol Plants
- Nuclear Power Pumps
- Inclined Conveyors
- Conveyors
- Solar

Request brochure # [P-1908-C](#) or visit [www.AltraEnergyOilandGas.com](http://www.AltraEnergyOilandGas.com) for more information.

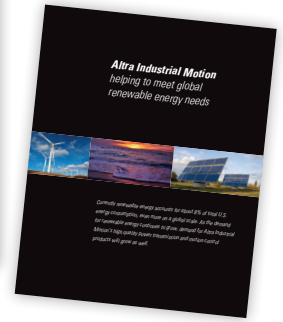
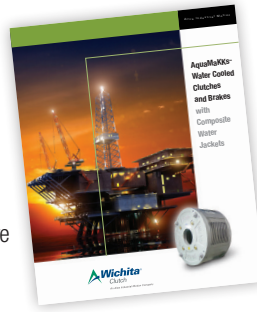


## New Literature

### Now Available for Download or Request..

New/Updated Catalogs, Brochures, Flyers and More!

- P-1173-WC Energy & Offshore Oil brochure
- P-1465-FC Overrunning Clutches Application Guide
- P-1622-TF Disc Brake Calipers for Energy & Offshore Applications brochure
- P-1636-WC AquaMaKks Water Cooled Clutches/Brakes brochure
- P-1674-TBW G-Flex Grid Coupling catalog
- P-1789-WL Linear Actuator brochure
- P-1856-FC Model FHB High Speed Backstops sheet
- P-1889-TF VCS Series Disc Brakes for Industrial & Marine Applications
- P-1998-BG SS700 Series catalog
- P-7008-NG Reducers, Gearmotors, Speed Increasers brochure
- P-7009-NG Nuttall: Serving the Metals Industry brochure
- P-7016-CG Industrial Couplings Contact brochure
- P-7048-WC AquaMaKks Interchange brochure



- P-7086-TBW Engineering Support and Capabilities brochure
- P-7124-BGM Bauer Standard Overview brochure
- P-7234-TBW Sureflex I Duraflex Coupling eCatalog brochure
- P-2016-WE ARC 2000 Magnetic Capping Headsets service manual
- WP-001 Critical Applications in the Energy Industry white paper
- WP-002 Global Mining white paper
- WP-006 Renewable Energy white paper

To download or request literature visit [www.AltraLiterature.com](http://www.AltraLiterature.com)

## Articles & Application Profiles

### Articles

for all Altra Brands

- P-7030-WE Actuation Matters
- P-7094-C Power Transmission Solutions for Wind Turbines
- P-7209-AC Making Easier Pump Connections while Meeting Rigorous API 610 Standards
- P-7210-WC AquaMaKks Dual-Actuator Brakes offer Economical Two-for-One Simplicity



### Application Profiles

for all Altra Brands

- P-1792-WE SF200 Clutch & PB110 Brake for Document Binding Equipment
- P-1868-KM Precision Bearing Assembly for AG/Construction Equipment
- P-1882-TBW Form-Flex Disc Couplings for Underwater Mining Dredge
- P-1895-HD 3 Air Motors for Offshore Platform Cable/Hose Reels
- P-1913-TF VMSDP Brakes for World's Largest Ball Mills
- P-1914-WC Kopper Kooled Brakes for Mooring of Sub-Sea Oil Rigs
- P-7049-WC AquaMaKks LI-SSB Brakes for Diving Support Vessels
- P-7053-IC Industrial HC Clutches for Marine Gearboxes
- P-7237-BG SS700 Series for Olive Processing Lines
- P-7243-WE Modified CMS Clutch for Oil Field Pump Jacks
- P-1912-HD PEEK MultiBeam Couplings for Solar Panel Capacitors



To download or request Articles or Application Profiles visit [www.AltraLiterature.com](http://www.AltraLiterature.com)

## Tradeshows

### Upcoming Shows

#### 2012 Shows

WEE 2012	Guangzhou, China	May 16-19
Windpower 2012	Atlanta, GA	June 3-6
Global Petroleum	Calgary, Canada	June 12-14
QME	Queensland, Australia	July 24-26
Coal Gen	Lexington, KY	August 15-17
Electra Mining	Johannesburg, South Africa	September 10-14
China Beverage	Beijing, China	September 19-22
Mine Expo	Las Vegas, NV	September 24-26
Turbomachinery	Houston, TX	September 24-27
IPA 2012	Paris, France	October 21-25
Pack Expo	Chicago, IL	October 28-31
Power Gen 2012	Orlando, FL	December 11-13

## Altra Newsroom

### Get Connected Altra News

Altra makes it quick and easy for you to get the news you need. From new literature releases to trade show schedules, the news is at your fingertips 24 hours a day.

[News.Altramotion.com](http://News.Altramotion.com)



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