

June 2014

Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

Vol. 3 | No. 2



**Altra Unveils NEW
Corporate Website
and Brochure!**

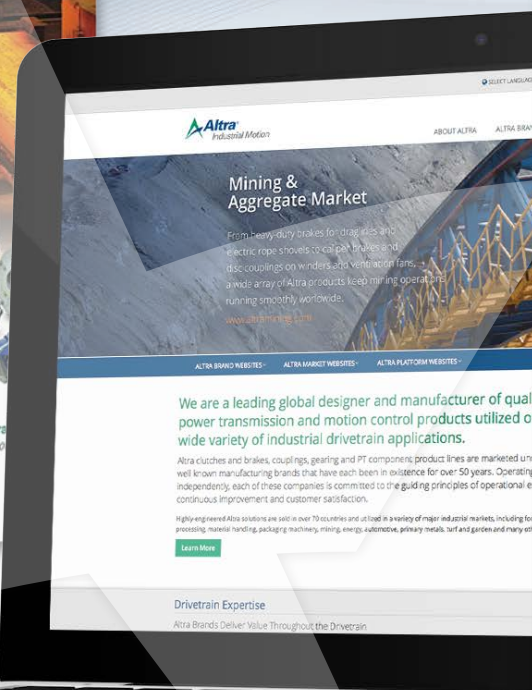


Power Transmission and Motion Control Solutions
for Industrial Applications



www.Altra.com
The Power of Experience

NEW



Featured in this Edition...

T30 & VM118 Top Drive
Brakes

Programmable S-Track
Linear Actuator

Gearing & Motor
Solutions for the Food
and Beverage Industry

Huco Oldham Couplings

Universal Driveshafts

NEW Altra Corporate
Website and Brochure

Twiflex Limited Parked
Off Brake Feature

Stieber Clutch Outperforms
the Competition

Investor Relations

Altra Industrial Motion Corp.
NASDAQ: AISE - Jan 11, 2014 2:04 PM
954-414-8244 (US)

News & Press

30 May 2014

Altra Unveils NEW Corporate
Website and Brochure
Corporate Website Unveiled
30 May 2014

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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 Couplings
Ameridrives Power
Transmission
Bauer Gear Motor
Bibby Turboflex
Boston Gear

Delroyd Worm Gear
Formsprag Clutch
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

T30 & VM118 Top Drive Brakes

The Twiflex T30 is a pressure applied modular brake design, developed to provide a high braking force capacity from a compact assembly. It features a split housing for flexibility of mounting and accommodation of a variety of disc thicknesses.

The Wichita "VM" brake is a hydraulic pressure applied, single-plate unit designed for high energy dynamic stops, and parking, in vertical-shaft mounted applications. It is intended to install on the upper end of a top-drive motor.

It features a sealed piston holding plate to protect against the ingress of dirt and moisture, when fitted with a sealed cover, or may accommodate a speed encoder in the same location.

For more information
download flyer
P-7652-C from
www.AltraLiterature.com



Twiflex®
Limited

Wichita®
Clutch

Programmable S-Track Linear Actuator

Warner Linear has expanded the S-Track linear actuator product line with the addition of a new programmable model.

An easy-to-use integrated keypad allows operators to set and reset end of travel positions as well as two intermediate stops.

New S-Track electric actuators are designed for better control and quieter operation in general duty applications including medical, industrial, turf & garden and recreational vehicles.

For more information download
catalog P-1581-WL from
www.AltraLiterature.com or visit
www.WarnerLinear.com



Warner®
Linear



Gearing & Motor Solutions for the Food and Beverage Industry

The family of gearing & motor products manufactured by Boston Gear and Bauer Gear Motor includes varying degrees of protection against the harsh elements increasingly used in the prevention of microbial contamination and bacterial growth in hygiene sensitive environments.

Boston Gear and Bauer Gear Motor provide 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 and white or stainless epoxy paint to fully aseptic or complete stainless steel units. Whatever challenges the integrity of your drive system, Altra has a solution.

Request Brochure P-7665-BBG or visit
www.AltraFoodandBeverage.com

Bauer®
Gear Motor

Boston®
Gear



Proven Oldham Couplings 25% Higher Torque

Just introduced, the Oldham lateral offset couplings are designed to handle 25% higher torque than their forerunners.

Previously, a peak torque rating of 44Nm was the highest available. Now, 55.36Nm is possible using a specially designed larger diameter disc.

The Oldham is precision engineered throughout and comprises two hubs with inward facing tenons. These engage with matching slots spaced at 90° in a central lightweight torque disc. A hard, low friction facing on the working surface guarantees long, trouble-free operation.

Typical applications range from the incremental control of fluid valves to positional systems in machinery, robots and slide tables. They can also be applied to microstepper and closed loop servo systems and, to a lesser extent, half and full step motor drives.

Huco®
Dynatork

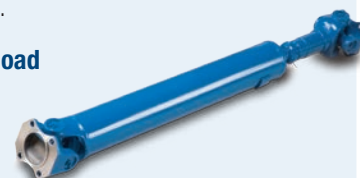


Universal Driveshafts

Americardan® universal joints by Ameridrives are designed to provide long lasting performance in irrigation applications.

Americardan irrigation universal joint driveshafts provide a cost effective means to transmit power from the engine to the pump or generator of an irrigation set. Installation time is reduced as the need for critical alignment tolerances required by other types of couplings is eliminated. The telescopic feature eliminates the need for movement of machinery for installation or maintenance removal. The telescopic feature also allows motion during operation or no-load conditions.

For more information download
brochure P-7629-APT from
www.AltraLiterature.com



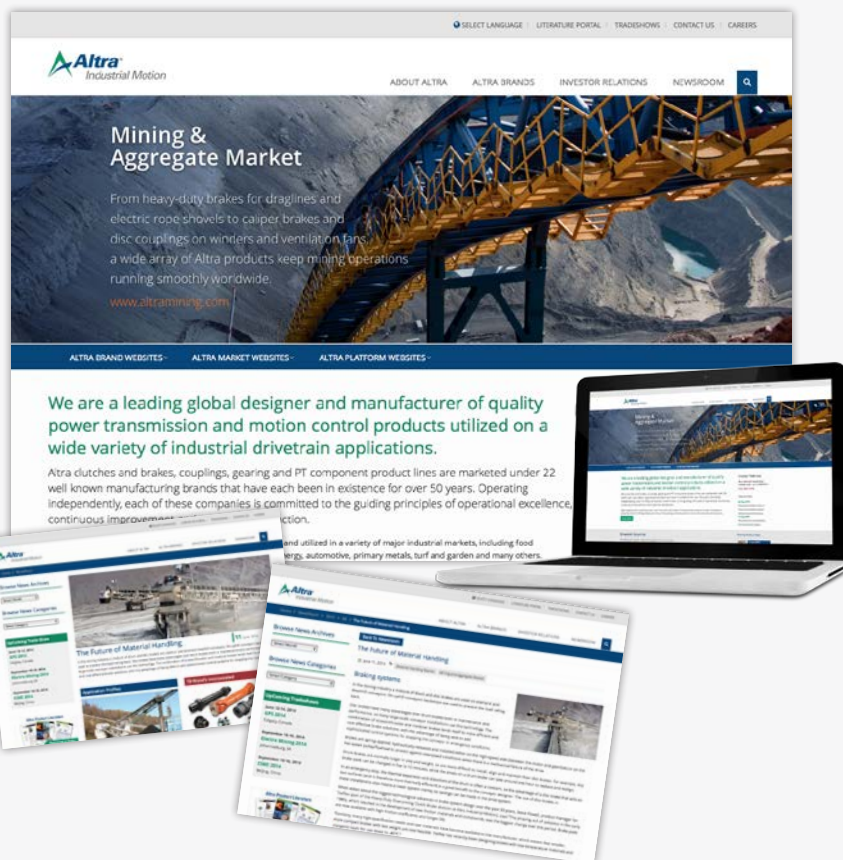
Ameridrives®
Power Transmission

NEW Altra Corporate Website and Brochure

Altra Industrial Motion is the leading global designer and manufacturer of quality power transmission and motion control products utilized on a wide variety of industrial drivetrain applications.

WWW.ALTRAMOTION.COM

www.AltraMotion.com features a new user friendly interface that emphasizes Altra's brands, markets, and platforms. Altra has also unveiled updates to its Investors Relation, Newsroom, and Careers pages. These updates revolve around getting information efficiently. For example, the updated Newsroom features information on Altra's literature, trade shows, and recent press releases. The new site also allows users to easily download Application Profiles about recent success stories in the marketplace by just clicking the "Download a PDF of this article" link.



NEW CORPORATE BROCHURE

The new corporate brochure complements the new website, providing information related to all of the Altra brands and product categories.

The brochure is available in the following languages: English, Russian, Chinese, Spanish, Portuguese, German, Italian and French.



Visit www.AltraMotion.com or request P-1658-C from www.AltraLiterature.com to find out more information.

Twiflex Brakes

Designed for the industrial and mining sectors, the VKSD and VKSD-VR (large pad) calipers are spring applied, hydraulically released disc brakes which comprise two spring modules located on either side of a mounting plate.

The plate can be made in any thickness to accommodate brake discs of 20mm thickness or over. The minimum disc diameter is 1000mm and there is no maximum. For high duty and frequent stopping applications the large pad version (VKSD-VR) offers excellent thermal capacity.

With the brake in the "parked off" position, disc spring load and hydraulic pressure are zero, allowing pads to be safely removed. This feature also permits brake installation without the need for hydraulic pressure.

For more information request flyer P-7360-TF or scan the QR code to watch the video.



Stieber Clutch | Formsprag Clutch

Mountain Trike, a wheelchair designed specifically for use off-road and in difficult terrain, putting a strain on the chair components and sourcing parts to withstand these tough environments.

Mountain Trike selected Stieber CSK PP overrunning clutches to meet this challenging application. CSK units feature ultra-hard Formchrome® sprags which provide extra-long life, maximum wear resistance and lower maintenance costs. Exclusive with Stieber and Formsprag, Formchrome® sprags are made by diffusing chromium into the surface of hardened high carbon alloy steel to form a chromium-carbide alloy.

For the complete Application Profile download P-7627-SC from www.AltraLiterature.com or scan the QR code below to watch the video.



New Literature

Now Available for Download or Request..

New/Updated Catalogs, Brochures, Flyers and More!

P-1943-BB-KR-A4	Torsiflex Disc Couplings Brochure
P-7023-BB-RU-A4	Turboflex HF Series Disc Couplings Brochure
P-1658-C & A4	Altra Corporate Overview Brochure (CN, DE, ES, FR, PT, IT, RU)
P-7652-C	Topdrive Brakes Flyer
P-7309-WE	ERD/ERDD GEN 2 Flyer
P-7039-C	Altra Overview Flyer
P-7651-WC-A4	MLI Marine Low Inertia Clutch Brochure
P-1820-AC-KR-A4	Ameridisc® Special Purpose Couplings Catalog
P-1744-CG	Industrial Couplings Brochure
P-1894-WE	CMS 250 Clutch/Brake Brochure
P-2017-WE-FR	ZRC Magnetic Capping Headsets Service Manual
P-7090-BG	Series 2000 Right Angle Helical Bevel Gear Drives and Gear Motors Brochure
P-7522-WL-A4	Electric Actuators and Actuator Controls M-Track Brochure
P-1234-WE	Warner Electric Catalog
P-1930-BG	Rotary Drive Products Boston Gear Catalog
P-1390 819-0188	Recommended Electrical Installation Procedure for Warner Electric Clutches and Brakes Service Manual
A-251 819-0209	12-1/4" x 3-1/2" Electric Wheel Brake Replacement Instructions
P-1733-12-WE-CN	ERS TWINIX Flyer

To download or request literature visit www.AltraLiterature.com.

Articles & Application Profiles

Articles for all Altra Brands

P-7666-SC	Going Off-Road
P-7649-TF	Effective (Ore) Liberation
P-7531-C	Small Changes Help Achieve the Wow Factor in Power Transmission Components
P-7529-WE	Selecting the Correct Electrical Power-Off Brake
P-7574-C	Excerpt From Driving Forward

Application Profiles for all Altra Brands

P-7578-DWG	Worm Gear Drives Screwdown Mill Stands
P-7579-DWG	Worm Gear Sets Screwdown Mill Stands
P-7580-DWG	Steel Mill Charging Crane
P-7640-MX	Paper Making Machine Scanner
P-7670-WC	Thin Gauge Steel Coating Line
P-7450-FC	FHB High-Speed External Backstop
P-7456-FC	Model HPI Indexing Clutch
P-7455-FC	CSK Backstopping Clutch
P-7459-FC	Model HSB Backstopping Clutch
P-7604-KM	Custom Roller Bearings
P-7316-HD	Piston Air Motors
P-7460-FC	Model FSO Overrunning Clutches
P-7461-FC	Model FWW Overrunning Clutch Couplings
P-7462-FC	Model FSO Overrunning Clutches Textile Processing Equipment
P-7451-FC	Model FSO Overrunning Clutches Auto Assembly Dual-Drive Conveyor
P-7634-NG	Custom Gear Drives Vertical Lift Bridge
P-7627-SC	All-Terrain Wheel Chair
P-7509-WE	Workboat Fire Pumps
P-7571-HD	Flatbed Laser Cutters and Engravers
P-7646-TF	Essar Power Coal Conveyor
P-7647-TF	Copper/Gold Mine SAG and Ball Mills
P-1801-MC	1.4 Mile Overland Mine Conveyor
P-1802-WE	Bottle Capping Lanes
P-1809-WC	Corrugated Packaging Roll Stands
P-1920-C	Metal Shredder

To download Articles or Application Profiles visit www.AltraLiterature.com.



Tradeshows

Upcoming Shows

2014 Shows

Power Gen Europe	Cologne, Germany	June 3-5
GPS 2014	Calgary, Canada	June 12-14
China Paper 2014	Shanghai, China	September 15-17
HMS Bridge Symposium	New Orleans, LA	September 15-18
Electra Mining 2014	Johannesburg, SA	September 15-19
CIME 2014	Beijing, China	September 16-18
Turbomachinery 2014	Houston, TX	September 22-25
HUSUM Wind 2014	Husum, Germany	September 23-26
China Beverage 2014	Beijing, China	October 13-16
PTC 2014	Shanghai, China	October 27-30
ADIPEC 2014	Abu Dhabi	November 3-6
Power Gen 2014	Orlando, FL	December 9-11

2015 Shows

SME 2015	Englewood, CO	February 15-18
Coal Prep 2015	Lexington, KY	April 27-30
OTC 2015	Houston, TX	May 4-7
GPS 2015	Calgary, Canada	June 9-11



OTC 2014
May 5-8 • Houston, TX

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