

Power Review

The Power Brands in Power Transmission

Altra Industrial Motion

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TB Wood's Sure-Flex® Plus, Dura-Flex® and AVS Series Couplings

Guardian Curved Jaw Flange K45 Series

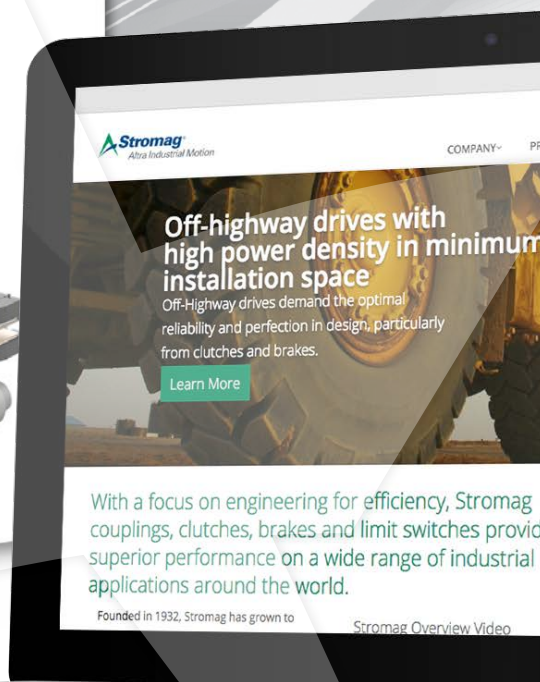
Unique Controllable Features of Huco Air Motors

Altra OnDemand Webinars



NEW Stromag Literature and Website!

Wind Energy Products
Disc Brakes and Rotorlocks



Off-highway drives with high power density in minimum installation space
Off-Highway drives demand the optimal reliability and perfection in design, particularly from clutches and brakes.
[Learn More](#)

With a focus on engineering for efficiency, Stromag couplings, clutches, brakes and limit switches provide superior performance on a wide range of industrial applications around the world.

Founded in 1932, Stromag has grown to

[Stromag Overview Video](#)

News & Press

27 April 2017

Stromag, Engineering and quality combined



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Altra Industrial Motion *The Power Of Experience*

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|-------------------|--------------------|------------------|-----------------|
| Ameridrives | Guardian Couplings | Marland Clutch | TB Wood's |
| Bauer Gear Motor | Huco | Matrix | Twiflex Limited |
| Bibby Turboflex | Industrial Clutch | Nuttall Gear | Warner Electric |
| Boston Gear | Inertia Dynamics | Stieber Clutch | Warner Linear |
| Delroyd Worm Gear | Kilian | Stromag | Wichita Clutch |
| Formsprag Clutch | Lamiflex Couplings | Svendborg Brakes | |

Altra Introduces NEW Stromag Literature and Website

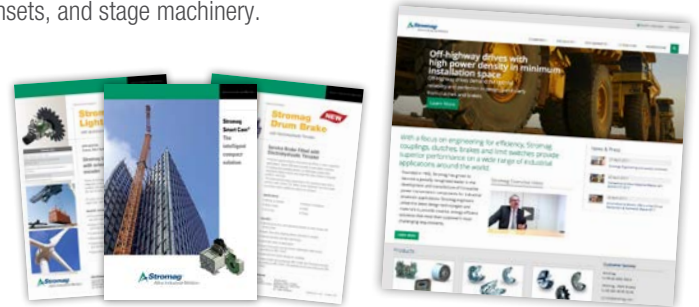
Stromag literature is now available on www.AltraLiterature.com and the Stromag website is now online!

Founded in 1932, Stromag has grown to become a globally recognized leader in the development and manufacture of innovative power transmission components for industrial drivetrain applications. Stromag engineers utilize the latest design technologies and materials to provide creative, energy-efficient solutions that meet their customer's most challenging requirements.

Stromag's extensive product range includes flexible couplings, disc brakes, limit switches, an array of hydraulically, pneumatically, and electrically actuated brakes, and a complete line of electric, hydraulic, and pneumatic clutches.

Stromag engineered solutions improve drivetrain performance in a variety of key markets including energy, off-highway, metals, marine, transportation, printing, textiles, and material handling on applications such as wind turbines, conveyor systems, rolling mills, agriculture and construction machinery, municipal vehicles, forklifts, cranes, presses, deck winches, diesel engines, gensets, and stage machinery.

For more information, download Stromag literature from www.AltraLiterature.com and visit www.Stromag.com



Marland Clutch Certified Rebuild, Service and Assembly Facilities

Your worn Marland Backstops and Clutches can be refurbished to "Like New" condition by the only Authorized Marland Rebuild and Service Center in the U.S. and Canada. S & S Equipment and Supply, LTD is the headquarters and administrative branch of this service. Its subsidiary company, Paducah Gear & Machine, LLC located in Calvert City, Kentucky, performs all repair and rebuild for Marland BCMA, CEBMAG, and CECON Clutch Models. In most instances, your Marland products can be refurbished for substantially less than the cost of a new replacement unit.

As the Marland products are received at the repair facilities, they are inspected, tested, quoted for rebuild, and if authorized, repaired to complete and exact standards in which the original Marland product was manufactured. The process in which this is accomplished is:

- Inspect and replace bearings, seals, springs, gaskets, stop-lugs, alloy steel rollers, aluminum cages, and fasteners as required.
- Inspect and precision grind the outer race and cam if required.
- Assemble and test to meet Marland original design and performance specifications.
- Paint, crate, and prepare for shipment.

For more information, download P-8117-MC from www.AltraLiterature.com



Rebuild centers and services are also available in Australia, Chile, Brazil, and South Africa.



Twiflex LCS Hydraulic Power Unit

The Twiflex type LCS is a compact electro-hydraulic power unit range designed to operate small caliber brakes in a proven, reliable package.

It provides on/off control of spring applied ("passive") brakes, with a selectable "fast-approach/soft-braking" function integrated into the circuit as standard. This feature rapidly brings the brakes on to a factory-set touch pressure (pads in contact with the disc face) before the remaining pressure decays to zero and the brakes gradually apply.

A wide range of motor and auxiliary connection voltages can be accommodated.

If required, a terminal box may be specified, in which all electrical connections can be made. This also permits the addition of a motor contactor if preferred.

A hand-pump assembly may be provided as an option to manually release the calipers in the event of complete power loss.

The LCS is normally mounted via the M10 holes provided in the manifold block. A bracket is also available which permits base-mounting.

For more information, download P-8159-TF from www.AltraLiterature.com



TB Wood's Sure-Flex® Plus, Dura-Flex® and AVS Series Couplings

Sure-Flex® Plus Elastomeric Coupling

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

Dura-Flex® Elastomeric Coupling

- Outperforms the Competition
- Longest Life: Provides better flexibility and longer life in challenging environments
- Minimizes Stress: Patented shoe design minimizes bond stress to ensure long life
- Easy Installation: "Split-in-half" element design allows for replacement without moving hubs or equipment
- No lubrication or maintenance

AVS Series (Adjustable Vertical Spacer)

- Coupling used for vertical turbine pumps
- No flexible element
- Integral "nut" used for infinite adjustment of pump turbine spacing
- Major components are AISI 1045 Steel
- Grade 8, Zinc Plated Hardware
- Meets AGMA 8 balance
- Zinc Phosphate coated hubs, spacer, and adjuster nut



For more information, download P-1690-TBW, P-7031-1-TBW, and P-7819-TBW from www.AltraLiterature.com or visit www.TBwoods.com



Guardian Curved Jaw Flange K45 Series

Torsionally Flexible Coupling

- Shaft coupling JF K45 Series Coupling with brake disk for brake calipers
- Brake disk and spider can be replaced while being assembled
- The brake disk has to be placed onto the shaft end with the biggest mass moment of inertia
- The maximum braking torque must not exceed the maximum torque of the coupling

For more information, download P-8346-GC from www.AltraLiterature.com



Unique Controllable Features of Huco Air Motors

Controllable Speed and Torque

Speed control can be adjusted to fine limits by means of a simple flow valve on the exhaust port. Speed change is almost instantaneous due to fast response time.

Instant Stop-Start-Reverse

Dynatork Piston Air Motors can stop-start and reverse under load with characteristics similar to a stepper motor.

Maximum Torque at Start

Dynatork Piston Air Motors deliver maximum torque at start up, ensuring no delay or dwell before operation.

- ATEX Approved for hazardous areas
- Fully Submersible
- Corrosion Resistant

For more information, download P-8297-HD from www.AltraLiterature.com



Altra OnDemand Webinars

The Altra Webinar Series is open to the public and are held on the first Wednesday of each month at 10 AM (CST). They will be accessible after the live presentation for those who are unable to attend the live session and will be posted to our websites for access. For more information, please contact altra-webinar@altramotion.com.

OnDemand Webinars:

- Factors To Consider When Selecting A Right Angle Worm Gearbox
- High Capacity Gearboxes And Overrunning Clutches
- Warner Linear Product Launch – Introduction To H-Track
- Factors To Consider When Selecting A Friction Type Clutch, Brake Or Clutch/Brake
- Altra Industrial Motion | 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

For more information, download the Altra OnDemand flyers P-8121-4-C and P-8121-5-C from www.AltraMarcom.com



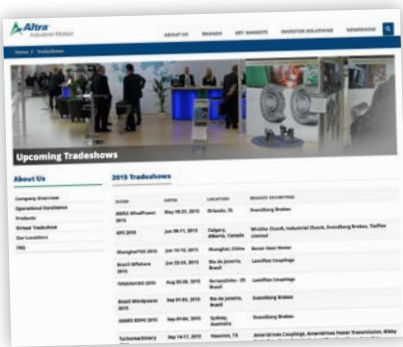
ALTRA OnDemand
WEBINAR SERIES



Upcoming North American Shows

2017 Shows

AWEA Windpower	Anaheim, CA	May 22-25
GPS	Calgary, Alberta	June 13-15
TURBOMACHINERY	Houston, TX	Sept 12-14
WEFTEC	Chicago, IL	Sept 30-Oct 4
AIMMGM	Guadalajara, Mexico	Oct 23-28
PACIFIC MARINE EXPO	Seattle, WA	NOV 17-19
WORKBOAT	New Orleans, LA	NOV 29 - DEC 1
POWERGEN	Las Vegas, NV	Dec 5-7



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

Hannover Messe 2017
April 24-28 | Hannover, Germany

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Warner Electric Stop Light – Powerful Braking Performance in a Lightweight Package

The XS-Series of spring-actuated, electrically released brakes from Warner Electric - part of the Altra Industrial Motion Corporation - has been developed specifically to meet stringent space and weight requirements, providing reliable braking performance in a package weighing as little as 27g. Designed as statically engaged holding brakes, the XS units can also be used to stop a moving load in exceptional situations.



Altra Provides High Performance Coupling Solutions for Navies Around the World

Modern navies are comprised of a wide variety of sophisticated vessels, including aircraft carriers, destroyers, frigates, patrol boats and submarines.



Industrial Clutch LKB Brakes for Mine Spreader

An open pit coal mine operator in the western US needed to replace some of the brakes on its overburden spreader. The massive machine features two large intake and discharge conveyor booms along with a heavy counterweight boom.