

Congressman Manzullo

VISITS NEW DANFOSS FACILITY

Danfoss recently hosted Congressman Don Manzullo (R-IL), local officials and community leaders for a groundbreaking ceremony for the company's new logistics facility in Loves Park, Illinois—home to the VLT Drives division. Fueled by strong growth of high-powered, energy-efficient drives, the company will relocate its receiving, shipping and warehousing operations into this new facility, which will create additional manufacturing capacity at the current location.

During his visit, Manzullo, who founded and serves as co-chairman of the House Manufacturing Caucus, also participated in a discussion with top Danfoss managers about how Danfoss VLT variable frequency drives (VFDs) are helping the environment by reducing energy consumption. He was also given a plant tour so he could learn more first-hand about the manufacturing business in his Congressional district.

In application, VFDs present a great opportunity to save significant amounts of energy and reduce the impact on the environment by reducing the dependence on fossil fuels and the need to build power plants. VFDs can typically save 15 to

40 percent of energy required to operate a motor, depending on the installation; yet, 70 to 80 percent of new industrial electric motors globally do not have variable speed drives. There are more than 3.5 million Danfoss VLT variable speed drives installed worldwide that account for a reduction in carbon dioxide emissions of 33 million tons per year.

Additionally, clean energy technologies, like those manufactured by Danfoss VLT Drives, help to create sustainable jobs. The speakers during the groundbreaking ceremony expressed a similar idea, reinforcing the importance of the impact a company like Danfoss has on the local economy.

“We are very pleased that Danfoss has chosen to keep this new warehouse facility here in Loves Park,” commented Manzullo. “Our region depends on the help of businesses like Danfoss to create jobs and impact the growth of our economy. It's been a great pleasure to be here today to see first-hand the large contributions to economy, energy efficiency and environment that a U.S. manufacturing facility is making worldwide.”



Illinois Congressman Don Manzullo (second from right) participated in a discussion with top Danfoss managers about how Danfoss VLT variable frequency drives (VFDs) are helping the environment by reducing energy consumption (courtesy of Danfoss).



Dunkermotoren

ACQUIRES COPELY MOTION SYSTEMS

Dunkermotoren with its headquarters in Bonndorf/Black Forest, Germany, invests in the expansion of their drive technology product portfolio and has taken over the business of Copely Motion Systems (CMS) with its headquarters in Basildon, east of London. CMS develops and manufactures highly dynamic linear motors. "We expand our range of solutions for existing customers and market segments," said Dunkermotoren managing director Nikolaus Gräf.

Dunkermotoren currently develops and manufactures customized solutions based on rotary drives, namely brushless and brush-type DC motors with integrated power and control electronics. Within a modular system, these motors are combined with specifically developed and manufactured planetary and worm gearboxes as well as with encoders and brakes. With the acquisition of the linear motor manufacturer CMS, Dunkermotoren is determined to further develop and strengthen its favorable market position.

"Technology and product lines are logical complements. The extended product portfolio gives our globally positioned sales team the chance to offer even more comprehensive packages of service to the customer," Gräf says.

AMT and AMTDA

EXPLORE PRODUCT/SERVICE INTEGRATION

The Association for Manufacturing Technology (AMT) and the American Machine Tool Distributors' Association (AMTDA) have announced the formation of a committee to explore ways to integrate their products and services to better serve the members of both associations. This committee, which will be made up of staff and board members from

continued

PRECISION GAGE COMPANY

"Quality Since 1948"

+ GearMaster - Backed by 50 years Experience

Large Gear Inspection (up to 15" center distance)

Nick and Burr Detection

Spur, Helical, Worm and Bevel Gears

For greater accuracy and efficiency, as well as historical record tracking, use GearMaster with the Vari-PC Gear Analyzer to achieve all your composite gear inspection and analysis needs.



100 Shore Drive
Burr Ridge, IL 60527
Phone: 630-655-2121
Fax: 630-655-3073
www.precisiongageco.com



ISO 9001 CERTIFIED

Ground Gears. Fresh Daily.



Niagara Gear serves fresh ground gears manufactured to the highest quality at an affordable price.

Sizes from 1/2" to 12" diameter • Customer supplied blanks accepted
Stocking programs available • Dedicated, personal service

1.800.447.2392
niagaragear.com



Spiral Bevel Gears

for Electric and Pneumatic Tools,
Machine Tools, Agricultural
Machinery and Automobiles

Gear Grinding for Coupling
Gear DA Turret



Gleason 475 GMM
CNC Inspection



Gleason 600 HTL
Turbo Lapper



Gleason Phoenix
275H Bevel Gear
Cutter



Gleason Phoenix
275G Bevel Gear
Grinder



CNC Hobbing
Machine



Yager Gear Enterprise Co., Ltd.

ADD: No. 57, Shigu Ln., Guozhong Rd., Dali Dist.,

Taichung City 412, Taiwan

Tel: +886-4-24076223 EXT. 30

Fax: +886-4-24076218

E-mail: sa02@yagergear.com

<http://www.yagergear.com>



Douglas K. Woods

both organizations, will meet and discuss strategic partnerships and a joint approach to important manufacturing issues, as well as consolidated services. The committee will begin its work in the next several weeks and is expected to report back to both organizations by year's end.

"It has always been my goal to find better ways to serve the manufacturing industry," said Douglas K. Woods, president of AMT. "This exploration, which we expect will lead to a very close cooperation with AMTDA, is a natural partnership that will help both organizations as they seek to advance manufacturing in the United States."

"AMTDA has always been focused on strengthening the collaboration between the product manufacturer (OEM), the local distribution firms, and the final customer," said Peter Borden, president of AMTDA. "We believe that a greater integration of our two associations' constituencies and products can further enhance the performance of each of these groups at a critical time for our industry."

Romax

AWARDED
GL GEARBOX DESIGN ASSESSMENT

Romax Technology has been awarded the GL Renewables (GL) A-Design Assessment for its new range of WT2000 licensed 2 MW gearboxes. Achieving this high level of certification means that the gearbox design has passed the most stringent independent requirements set for the wind industry and is another significant achievement for Romax Technology. The WT2000 2 MW gearbox is the fourth successful Romax gearbox and driveline which includes 1.5 MW, 2.5 MW and 3 MW. Romax is continuing to work with GL to ensure its latest designs meet with the high standards set by the GL guidelines with the aim of achieving further A-Design Assessment certification for designs in the range of 750 KW to 5 MW.

The 2 MW, WT2000 certification represents the culmination of successful collaboration between Romax, AMSC-Windtec and a number of key gearbox manufacturers. The gearbox will be manufactured by Romax customers in China, Taiwan, India and South Korea and has been designed for Windtec's WT2000FC and WT2000DF wind turbine models. The Romax engineering design team has achieved com-

Temporiti **BRAKES**

SPRING APPLIED • FAIL SAFE

- 4 ~ 2065 lb.ft
- AC or DC supply
- Single or multi-disc
- Electromagnetic or permanent magnet
- Spring applied for fail safe operation
- Many accessories and options
- Quick deliveries
- OEM pricing



Visit us on the web!
www.temporiti.it



For North American Inquiries, please contact:

VL Motion Systems Inc.

precision in movement

vlmotion.com | 1.866.267.8077 | Fax 1.888.217.7926

pliance with the stringent guidelines set by GL, and has also delivered a gearbox design that meets the varying production criteria stipulated by each of the manufacturers within a very competitive timeframe. This has resulted in a refined, fully certified gearbox design, available in multiple regions which in turn will strengthen and improve the offering of the local supply chain.

“The WT2000 design is based on our licensable 2 MW wind turbine gearbox design,” says Andy Poon, director of renewables at Romax. “Working closely with AMSC-Windtec and GL Renewables Certification has proven our design to be straightforward to certify and easy to produce in volume by many manufacturers.”

NFPA

AWARDS MAJOR RESEARCH GRANT TO IOWA STATE UNIVERSITY

The National Fluid Power Association (NFPA) Education and Technology Foundation, in keeping with its vision to pursue research that has the potential to transform the fluid power industry, has awarded a major research grant to Dr. Brian Steward and the Agricultural and Biosystems Engineering Department at Iowa State University. The project, *Dielectric Spectroscopy Sensor Development for Hydraulic Fluid Contaminant Detection*, will focus on developing new technology for low-cost, on-board, real-time fluid power sensors. Industry partners with an interest in this area of research are welcome to join the advisory board that will provide oversight, recommendations and guidance to the Iowa State University researchers. Participating companies will help ensure the project serves the needs of industry and will receive opportunities to commercialize the results of the research discovery. For more information, visit www.nfpa.com.

EPTDA

ADDS THREE MEMBERSHIPS

The European Power Transmission Distributors Association (EPTDA) recently announced three new memberships, including Simatec ag of Switzerland, Cooper Bearings Ltd. of the United Kingdom and PTM Industries Inc. of Canada.

continued



**QTC's
PRECISION
RACKS & PINIONS**

With our large selection of standardized metric gear racks, QTC will meet all of your precision linear motion requirements.

Available from stock are racks in modules 0.5 to 10 and lengths of 100, 300, 500, 1000, 1500 and 2000 mm.

Our stock gear racks are manufactured to JIS standards using stainless steel, chrome moly alloy steel, carbon steel, brass and nylon.

QTC Quality Transmission Components

Exclusive North American Distributor of **KHK** GEARS
www.khkgears.co.jp/

www.qtcgears.com **GLOBALSPEC®**

Phone: 516.437.6700 • Fax: 516.328.3343



**Multiple
Disk
Clutches
and Brakes**

From the world's largest manufacturer of world-class electromagnetic clutches and brakes

Electromagnetic clutches & brakes for virtually every application

- Can work dry or in oil (gearbox)
- High torque in common design
- Fast response
- Excellent heat dissipation (when used in oil)
- ISO9001 quality

Visit our web site at: <http://ogura-clutch.com> for more information and request a FREE CD-ROM catalog

OGURA INDUSTRIAL CORP.

100 Randolph Road • Somerset, NJ 08873
Phone: 732-271-7361 • Fax: 732-271-7580
Website: <http://ogura-clutch.com>
Email: info@ogura-clutch.com

PTM Industries Inc. is an international manufacturers' partner in the Canadian market. PTM acts as a manufacturer's agent or master distributor. Operating nationally from two distribution centers (Toronto and Calgary), PTM serves almost 1,000 distributor and original equipment manufacturer customers. PTM offers manufacturers a variety of services including national sales coverage, distribution and warehousing, complete order desk support and business development strategy consulting. Established in 1984, PTM is respected for building manufacturers' brand recognition in Canada. Daniel Cotton, president, says, "PTM is proud to become a member of the EPTDA. PTM acts as a Canadian business partner for international manufacturers. As such, we are looking forward to meeting the EPTDA family, learning from respected industry professionals and building new relationships." For more information, visit www.ptmindustries.com.

Cooper Bearings currently offers a large range of split roller bearings with premium quality in processes and production backed by ISO 9001 and 14000, BSI and Lloyd's registration, etc. Providing a full service from design through supply, Cooper has sales/service subsidiaries in the United States, Germany, China, India and Brazil as well as a global network of prestigious national distributors. Cooper has long-standing business relationships with many existing EPTDA members, so, in the words of David Burns, divisional sales manager for the U.K. and Europe, "membership represents a logical decision while the convention itself is an excellent forum in which to meet and interact with fellow manufacturers and distributors as well as to keep abreast of trends in key markets and industrial segments." For more information, visit www.cooperbearings.com.

Simatec ag, a Swiss developer and manufacturer of quality industrial maintenance solutions, remains an independent, globally active family business with its head office in Switzerland (Wangen an der Aare). Globally known brand names such as Simatherm, Simatool and Simalube originate from Simatec. The development of the patented gas producing dry cell enabled the launch of the single-point automatic grease and oil lubricator, which allows clean, safe and dependable maintenance-free lubrication of bearings for the long haul. Mischa Wyssmann, CEO, says: "Simatec established itself in North America at the end of 2007, by opening an incorporated subsidiary in Charlotte, North Carolina. The American office has been an active member of the PTDA since 2009. As a result of very positive experiences and networking, Simatec ag has decided to engage with the EPTDA, PTDA's European counterpart, in the hope of fostering a similar outcome."

To date, the EPTDA has welcomed no less than 15 new member companies in 2011: four distributors, five manufacturers and six associates. With this growth, the pan-European association is also reinforcing its representation in Eastern Europe and other countries like Switzerland, France and

Spain. "All these new members were officially introduced at our Annual Convention in September," states Hans Hanegreefs, executive vice president, EPTDA.

EPTDA's Annual Convention brought more than 270 key decision makers and executives of the power transmission and motion control industry, representing close to 150 companies—with an increase of distributor attendance of 40 percent. For more information, visit www.eptda.org.

Robotics Industries Association

UNVEILS
NEW AND IMPROVED CAREER CENTER

Jobs that pay well in the robotics industry can be found on the new and improved Career Center from the Robotics Industries Association (RIA). Members of the Association asked RIA to expand the reach of its Career Center to help them find candidates. Demand for robots is up markedly this year, which spurs job openings, and recent changes to the Career Center make it one of the top ranked sources of visitors for Robotics Online. "It is encouraging how many opportunities are available in the robotics industry," says Jeff Burnstein, president, RIA. "Companies are investing in capital; especially in productivity tools like robotics. That leads to jobs, plain and simple, and we know so because our members keep telling us they have openings."

"User company memberships are up 30 percent through July and integrator memberships are up 25 percent," Burnstein says. "Integrators need skilled people, especially engineers with mechanical and electrical backgrounds. Of course experience with robotics helps."

For some, experience with robotics starts at a two- or four-year college. There are more than 40 educational institutions that belong to RIA, the most ever in one year according to association records. These schools represent the next wave of high-tech workers, and many schools are sponsored by RIA members anxious to hire students from their robotics programs. "Global pressure has forced all manufacturers to improve productivity, and the robotics industry is among the top tier of advanced technology for better quality and higher output," Burnstein says. "There are jobs for people who can apply, sell, operate and maintain robots, and RIA members are among the best companies in the world to work for."

For more information, visit www.robotics.org.