

# Maxon Motor

## HELPS POWER ROSETTA MISSION

On Nov. 12, the European Space Agency (ESA) successfully landed a small laboratory on Comet 67P/Churyumov-Gerasimenko (Chury).

The lander featured ten instruments which may provide important clues to the origin of life. Two DC motors made by Maxon Motor were on board the mission.

For the first time in the history of space exploration, scientists have access to data from a comet's surface. The Philae lander has a mass of 100 kilograms and features ten instruments. Maxon Motor, a Swiss-based drive specialist, provided two DC motors with a diameter of 13 millimeters each. These motors were used to lower the APXS instrument to the ground.



The APXS is an alpha x-ray spectrometer that is used to record the chemical composition of Chury and provide information on the presence of key elements such as carbon and oxygen. The instrument was developed at the Johannes Gutenberg University Mainz.

The individual instruments will now be activated automatically in sequence. The drives were then evaluated to determine if they survived the 10-year journey unscathed.

# Oerlikon Drive Systems

## PRESENTS 'SHIFTING SOLUTIONS' AT ITALIAN CONFERENCE

"Shifting Solutions" and the new fast track prototyping and small batch manufacturing facility from Oerlikon Drive Systems were presented at the EIMA International Agricultural and Garden Machinery Exhibition, in Bologna, Italy, from Nov. 12-16.

Oerlikon Drive Systems showed synchronizers and clutch packs that help to deliver increased efficiency, improved vehicle performance and reduced cost. A special area was dedicated to the new fast track prototyping and small batch manufacturing facility for cylindrical gears, synchronizers and drive subassemblies.

Oerlikon Graziano, a brand of Oerlikon Drive Systems Segment, produces around a million syn-

chronizers per year for agricultural tractors, construction equipment, passenger cars and trucks. The company exhibited products from a range that runs from 62 to 170 millimeters in diameter and includes single, double and triple cone solutions, and its range of carbon synchronizers that help to increase the reliability and longevity of construction and agricultural transmissions.

# David Brown Gear Systems

## OPENS FACILITY IN PHILIPPINES

David Brown Gear Systems, a supplier of industrial gearboxes and aftermarket services for applications in the world's core industrial sectors, announced the opening of its new industrial gearbox service and repair facility in Subic Bay Freeport Zone, Philippines.

David Brown Gear Systems (Philippines), Inc. is located in the heart of the region's growing industrial sectors and is fully equipped with state-of-the-art gearbox strip, condition assessment, repair, rebuild, assembly and test facilities.

Utilizing more than 150 years of gear engineering and service experience, David Brown's new service center will repair and upgrade gearboxes in industrial applications including mines, power stations, cement and sugar processing plants as well as oil and gas facilities and marine vessels.

"David Brown works in industries where maximum process availability is critical and we are proud to be the only industrial gearbox OEM operating a dedicated service center in the Philippines," said Scott Gilmour, general manager of David Brown Asia. "Our new service center in Subic Bay brings us even closer to our valued customers and is a major milestone in the company's plan to deliver premium gear engineering expertise throughout Asia."

British Ambassador to the Philippines, Asif Ahmad, welcomed David Brown's investment in Subic Bay.

"It is good to see another world-leading British company choosing the Philippines for its operations in this fast growing region," said Ahmad. "Filipino businesses in industries such as mining, energy and construction will benefit from David Brown's experience and expertise. With more than 150 years in the business, David Brown offers top-notch specialist transmission engineering and repair services and adheres to the highest global quality assurance standards. I am also impressed by David Brown's commitment to transfer technology for the Philippines; particularly to new employees the company will be recruiting."



# Oerlikon Graziano

SLOTTED AS 'SUPPLIER OF THE YEAR' BY CLUB CAR

Oerlikon Graziano was recently awarded "Supplier of the Year" by Club Car, a brand of Ingersoll Rand. The award was announced during a ceremony that took place in Augusta, Georgia during Ingersoll Rand's annual Supplier Day.

"This is the second consecutive year that we received an award from Club Car," said Paolo Mantelli, Oerlikon Graziano's Head of Performance Automotive.

The relationship between Club Car and Oerlikon Graziano started in 1994 with the development of electric axles.

In 2013, Oerlikon Graziano was awarded in the program "Supply Chain Partners Performance Excellence," in recognition of contributions in several Value Management Program activities during 2012. This year, Oerlikon Graziano was chosen as "Supplier Executive of the year," with Eric Powell, director of strategic sourcing at Club Car and Sheila Tierney, vice president of procurement at Ingersoll Rand, handing over the plaque directly to representatives of Oerlikon Drive Systems.



## PTDA

HOLDS 2014 INDUSTRY SUMMIT, ELECTS AJAY BAJAJ  
PRESIDENT FOR 2015

Nearly 600 power transmission and motion control industry representatives from over 250 Power Transmission Distributors Association member companies attended the PTDA 2014 Industry Summit. Along with an additional 230 spouses, companions and guests, the top executives convened from Oct. 22-25 at the Hilton Orlando Bonnet Creek in Orlando, FL.

At the summit, the PTDA elected its 2015 Board of Directors and Manufacturer Council. **Ajay Bajaj**, president of Rotator Products Limited in Woodbridge, Ontario, Canada will become the PTDA's president in 2015. **Cliff Bannon**, Eastern sales manager for Isostatic Industries Inc., in Chicago, IL will assume the duties of the PTDA Manufacturer Council chair in 2015, succeeding Brian Kolman, president of Brewer Machine & Gear Co. in St. Louis, Mo.



## NES

RECEIVES WESTERN NEW YORK  
MANUFACTURING AWARD

Napoleon Engineering Services (NES) was honored by Business First of Buffalo with a Western New York Manufacturing Award for Operational Excellence at a ceremony held on May 13. NES was one of 21 manufacturers honored.

Founded in 1997 by lifelong Western New York resident Chris Napoleon, the privately held NES is an independent, single-point resource for bearing inspection, bearing testing and custom bearing manufacturing. With core competencies in high-precision custom ball and roller bearings using super elastic Ni-Ti alloys, wear-resistant, high-life materials and coatings, and advanced design technologies, the company has grown into a key resource for bearing manufacturers, distributors and OEMs across a diverse array of markets.

"It is beyond humbling to see the growth of NES over the years, since its beginnings in a spare bedroom and a half garage bay of my home in 1997," Napoleon said. "We would not be where we are today without the support of our loyal customers, employees and the Western New York community. This is our home. And we look forward to continuing to build and strengthen our presence here in the years to come."

## Pat Wheeler

RECEIVES INAUGURAL WENDY B. MCDONALD AWARD

To honor the memory of Wendy B. McDonald, one of the power transmission/motion control industry's pioneers, the PTDA Foundation has established the Wendy B. McDonald Award.

The award acknowledges a woman who established herself as a critical contributor to her company's success and affected positive change within the power transmission/motion control industry. The first recipient of the Wendy B. McDonald Award was Pat Wheeler of Motion Industries (Canada).

Wheeler joined BC Bearing (now Motion Industries Canada) in 1980 as a shipper/receiver. She moved into inside sales



and then to office manager in 1990. In February 2003, she was appointed branch manager—the only female branch manager in the company at that time. In 2008, she was recognized by McDonald at the annual sales meetings for almost single-handedly managing her territory.

In her acceptance speech during the PTDA Industry Summit in Orlando, FL, Wheeler credited McDonald with being her idol and mentor because she paved the way for her to feel confident enough to accomplish all that she has in her 34 year career.

McDonald's daughter, Penny Omnes, and son, Scott MacPherson, were on hand to present Wheeler with the award.

## QA1

### HONORED WITH TWO SEMA GLOBAL MEDIA AWARDS

QA1, a manufacturer of high-performance suspension components, has been honored with two Specialty Equipment Market Association (SEMA) Global Media Awards for its carbon fiber driveshafts and Mopar Rear Suspension Conversion System.

SEMA introduced the Global Media Award program in 2004 to highlight the wide appeal of specialty-equipment products to enthusiasts on every continent. Products are reviewed by a panel of 35 top automotive journalists from more than 20 countries around the world and recipients were recognized in an evening program during the 2014 SEMA Show in Las Vegas, Nevada.



QA1's carbon fiber driveshafts, which are currently offered for street performance vehicles as well as dirt late models, are a major new offering from QA1's Advanced Materials Division. These driveshafts are lighter, stiffer, stronger and safer than aluminum and steel driveshafts and are filament wound in-house using 3MTM Matrix Resin that is exclusive to QA1 performance driveshafts.

"QA1 is redefining industry standards by performing the filament winding in-house, which allows us to make carbon fiber driveshafts specific to each application," said Travis Gorsuch, QA1's Director of Advanced Materials. "We're very excited for them to be recognized as a high-quality product that is relevant in multiple markets."

The second Global Media Award for QA1 was for the Mopar Rear Suspension Conversion System, a revolutionary bolt-in conversion from leaf springs to coil-overs for Mopar A-Body vehicles. The system utilizes a 6-link suspension that builds upon the traditional 4-link system and replicates its geometry while still mounting to the existing chassis mount locations.

"It's an honor to be recognized for this rear system," said Karl Hacken, vice president of engineering at QA1. "We've put a lot of time into development so that it would be a practical bolt-in system, allowing it to be available to a wider audience that may not be comfortable cutting or welding on their vehicles. The awards are a testament to QA1's emphasis on creating and producing performance-based products that have wide appeal."

BEYTA GEAR SERVICE
B

**PUTTING  
A LIFETIME  
OF  
GEAR  
DESIGN  
EXPERIENCE  
TO WORK FOR YOU**

**SECTION A**

**SECTION B**

**Charles D. Schultz**  
**chuck@beytagear.com**  
**[630] 209-1652**

**www.beytagear.com**

## Timken

ACQUIRES ASSETS OF REVOLVO LTD.

The Timken Company announced it has reached agreement with Eriks NV to acquire the assets of Revolvo Ltd., a specialty bearing company based in Dudley, U.K.

Revolvo makes and markets ball and roller bearings for industrial applications in process and heavy industries. The company's split roller bearing housed units are used by mining, power generation, food and beverage, pulp and paper, metals, cement, marine and waste-water end users. In 2013, Revolvo posted sales of approximately \$8.3 million.

"We're pleased to have Revolvo become part of Timken," said Hans Landin, product line executive, power transmission and engineering systems for Timken. "The Revolvo team brings a wealth of experience and well-established customer relationships, and their split roller bearing housed unit line will strengthen the Timken portfolio of bearing and power transmission products.

"These split bearing housed units bring additional breadth to our industrial product solutions while addressing specific customer needs," Landin added. "Revolvo's expertise and quality product line, coupled with Timken's global reach and market access, will allow us to leverage resources to improve competitiveness and accelerate the growth of housed unit products, particularly in Europe and Asia."

Revolvo's line of split-to-the-shaft roller bearing housed units enables the bearing to be fitted without requiring access to the shaft ends. Instead, it can be built around the shaft, which reduces downtime because no other drive components must be removed during installation or for maintenance. The product design accommodates misalignment, helps extend up-time, reduces maintenance costs and increases plant efficiency for end users.

The acquisition is subject to certain customary closing conditions, including employee consultation. Terms were not disclosed.

# TIMKEN

## Kevin McCloskey

### RECEIVES WARREN PIKE LIFETIME ACHIEVEMENT AWARD

The Power Transmission Distributors Association (PTDA) has named Kevin McCloskey, Category Manager at Kaman Industrial Technologies Corporation, the 24th recipient of its Warren Pike Award for lifetime achievement in the power transmission/motion control (PT/MC) industry.

McCloskey received the award at the association's Industry Summit in Orlando, FL. The award was established in 1984 to honor individuals who have demonstrated outstanding, continuous, long-term support of PTDA and the PT/MC industry.

McCloskey has served on numerous PTDA committees and task forces and is currently a member of the Research & Innovation Committee. McCloskey also served on the Board of Directors from 1996-2002 and as the board president in 2001.

"Kevin has been a great partner through the years for Dodge," said Jeff Moore, vice president of marketing and mechanical power transmission for Baldor Electric Company. "He collaborates well with our whole organization and works to achieve not only the best solution for Kaman, but also for the manufacturer as well. The thing I appreciate about Kevin is his transparency. If he doesn't like something he will tell you. It's easy to have a trusting relationship when you can have frank conversations with a channel partner and Kevin has always been one of a handful of people who will roll up his sleeves and work to achieve a mutually beneficial result."

## GET THE BIG PICTURE

Subscribe today!

## GLOBAL INDUSTRIAL OUTLOOK

Concise, visual, information rich analysis of global manufacturing demand and trends organized by geographic regions and key industry verticals. Built on proprietary, granular collection and organization of core growth trends in orders and sales from 55 key global companies.

Published Quarterly: February, May, August, November

Regular price: \$400 (only \$350 for PTE subscribers)

*Money back guarantee*

# Langenberg & Company

Subscription requests to:

Ewa@Langenberg-llc.com

[www.Langenberg-LLC.com](http://www.Langenberg-LLC.com)

### USA

#### RESOURCES

Oil & Gas →  
Mining →

#### POWER & ENERGY

Generation →  
Transmission ↑  
Distribution ↑

#### TRANSPORTATION

Road →  
Rail →  
Marine ↑

#### MACHINERY

Construction ↑  
Mining ↑  
Truck →  
Agriculture →

#### AUTOMATION

Process ↑  
Industrial ↑

#### FLOW CONTROL

↑

#### IND. MACHINERY, GEN IND.

#### CONSTRUCTION

HVAC →  
C&I →  
Residential ↑

#### CONSUMER

Automotive ↑  
Appliances ↑  
Electronics ↑

#### AVIATION

Commercial ↑  
Military ↓