

United Grinding

ANNOUNCES NEW PRESIDENT

United Grinding North America, Inc. recently announced that current president and CEO, Rodger Pinney, has been elected as vice chairman of the company's board of directors in conjunction with his retirement on April 1, 2014. **Terry Derrico** will join United Grinding North America, Inc. as its new president and CEO and assume complete responsibility for leading the company's strategic, tactical, operational and administrative functions in North America. Derrico will report directly to Stephan Nell, CEO, United Grinding Group AG.



"United Grinding North America is enjoying unprecedented growth and the company's future also looks very promising" Pinney said. "I look forward to continuing to serve the organization as vice chairman." In addition to his board member duties, Pinney plans to actively promote North America based manufacturing.

Nell commended Pinney for successfully leading United Grinding North America for 16 years. "Rodger guided the company through various economic climates and market transitions, positioning the company as the best and strongest in the North American grinding business. His unwavering service to the company and its people and passion for the industry will be a continued asset to us as he moves into this new advisory role," he concluded.

Derrico's overall executive and management-based career spans 27 years, and he has a proven track record in the successful growth of the companies for which he has worked. "I am excited to join this highly dynamic company and the incredibly talented and passionate team that drives it," Derrico said. "United Grinding is a visionary company and I look forward to leading the next stage of its growth and development, both horizontally and vertically in the total grinding solutions market. We will continue to develop innovative technological solutions and responsive services to keep our customers productive and profitable, and most of all, competitive."

Derrico spent the past decade in key leadership roles at The Marmon Group LLC, a global Fortune 500 organization with numerous diverse business units that is part of Berkshire-Hathaway, Inc. Most recently, he served as president of the Construction Fasteners Group, having full profit and loss responsibility for the industrial business unit.

Prior to The Marmon Group LLC, Derrico worked for Proton Energy Systems, a manufacturer of hydrogen generators and regenerative fuel cell systems, as senior vice president of sales, marketing and business development. He was also president and CEO of Swiss Industrial Group Holdings, Inc., a global packaging organization; chief operating officer of TMC, a manufacturer of automated packaging equipment; and

national sales manager for General Electric Fanuc Automation, an industrial computer and software company specializing in factory automation. Early in his career, Derrico served as an apprenticeship toolmaker and worked his way into tool and manufacturing applications engineering positions.

According to Nell, Derrico is a perfect fit to lead United Grinding North America, Inc. into the future. "Terry applies a hands-on, results-focused leadership approach and believes in motivating teams around a shared vision," he said. "We look forward to continued success and growth under his leadership together with his team."

GMTA

ADDS PERSONNEL AND WELCOMES GERMAN LANGUAGE STUDENTS

GMTA (German Machine Tools of America) represents various top-quality German metalworking machine builders, including Wera Profilator, Pittler, Praewema and WMZ. These machines are sold to the North American market by GMTA primarily for gear and spline production, as well as other power transmission applications. The company's target markets include automotive, off-highway, energy and other heavy equipment manufacturing. Machines are provided for gear honing, gear grinding, the patented Scudding process for gearmaking, polygon milling, turning, gear tooth pointing and multi-task machining operations. GMTA recently announced the addition of **Stefan Kloos** as product manager. Kloos will handle the Pittler vertical turning lathes and WMZ centerdrive lathes. He will be based in Ann Arbor, Michigan, North American Headquarters for GMTA.



In addition, German Language and International Careers (LIC) students from Eastern Michigan University visited GMTA on March 12, 2014. Students were given a tour of GMTA facilities and a presentation in German by GMTA President, Walter Friedrich. As EMU Department of World Languages Professor Margrit Zinggeler Ph.D. pointed out, "Eastern Michigan was one of the first universities to combine foreign language with a practical business component. The EMU major in language and international careers (LIC)



is designed to integrate the study of modern foreign languages and cultures with preparation for an international business career. The major objective of the program is to provide students with the skills, knowledge and understanding needed to function in a foreign environment and in professional dealings with people and clients who speak a foreign language. It is a very useful course of study in today's global economy, especially with so many foreign companies setting up shop in the U.S."

After the presentation and questions, students were invited to a typical German "Brotzeit" (evening meal of German bread and coldcuts) and, of course, ample quantities of German beer Reissdorf Koelsc. GMTA is proud to support young people in the community and help provide them with (German) language opportunities in a business environment.

Gleason Cutting Tools

RECOGNIZED AS JOHN DEERE PARTNER-LEVEL SUPPLIER

Gleason Corporation announced that its Gleason Cutting Tools Corporation facility in Rockford, Illinois has for the second year in a row earned Partner-level status in the John Deere Achieving Excellence Program. This status is Deere & Company's highest supplier rating. Suppliers who participate in Deere & Company's Achieving Excellence program are evaluated annually in several key performance categories including quality, cost management, delivery, technical support and wavelength, which is a measure of responsiveness. John Deere created the program in 1991 to provide a supplier evaluation and feedback process that promotes continuous improvement.

Robert P. Phillips, senior vice president – tooling products group and Gleason Cutting Tools Corporation said "Gleason Cutting Tools Corporation is proud to be a supplier to John Deere, and are honored to have our performance recognized at such a high level for the second year in a row." Partner-level status was awarded to Gleason Cutting Tools Corporation for all cutting tool products and services provided by Gleason to the John Deere operations in Waterloo and Des Moines, Iowa.

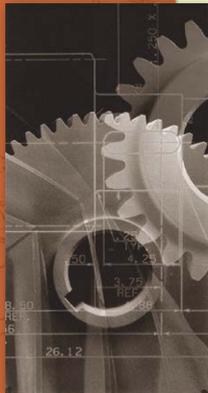


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Dowding

RECEIVES MPIF VANGUARD AWARD

Robert J. Dowding, research manager for materials and manufacturing science at the U.S. Army Research Laboratory (ARL), Adelphi, Md., has received the first-ever Vanguard Award from the Metal Powder Industries Federation (MPIF). The award recognizes powder metallurgy (PM) industry champions from the end-user community whose long-time promotion of the technology has contributed to the expansion of powder metal applications.



Over the course of Dowding's tenure at ARL, much of his PM-based research and development work has been related to, or in support of, material and process development for tungsten and tungsten alloys. He has performed research examining strain aging in tungsten heavy alloys (WHA), the processing of novel tungsten-based compositions, and the re-spheroidisation of tungsten grains in heavily cold-worked WHAs.

Dowding has been a strong leader in and supporter of the Army's Small Business Innovative Research (SBIR) program since the mid-1980s. As the contracting officer's technical representative (COTR) for more than 35 Phase I and Phase II contracts, his efforts have been leveraged to support multiple mission programs in the materials science and manufacturing of protection- and lethality-related applications. He has also promoted missile programs focusing on powder metallurgy, tungsten research, nanomaterials, armour ceramics, and powder injection molding. Dowding will be presented with the award at the PM2014 World Congress that takes place from May 18–22 in Orlando, Florida.

Gleason Forum

ATTRACTS VISITORS FROM 30 COUNTRIES

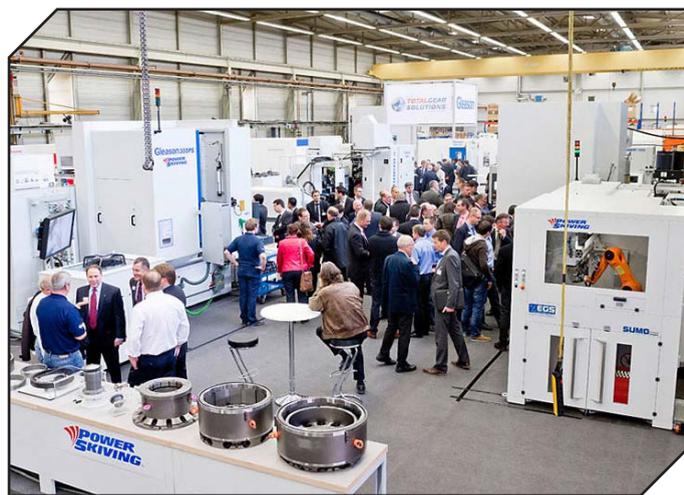
Gleason Corporation announced the completion of the Gear Solutions Forum at its Gleason-Pfauter facility in Ludwigsburg Germany, April 1-3, 2014. Gleason hosted approximately 600 visitors from 30 countries over a three day period with a comprehensive display of the latest technologies in gear production and a series of leading experts from the gear industry and academia presenting on significant trends and developments in gearing.

Introduced were brand new machine developments and technologies including the Genesis 200GX double spindle threaded wheel gear grinder, the Genesis 210HCD gear hobber with dual loading stations and integrated chamfering and deburring, and the 100S small gear shaping machine, which was dry shaping with capability up to 3000 strokes/minute. Demonstrated were new gear production processes like Power Skiving, on-board part inspection using Gleason's own GAMA

metrology software, the new Phoenix 280G bevel gear grinding machine and the 300GMS analytical gear inspection machine. In total were more than 15 gear production machines providing live demonstrations, along with the industry's largest and most diverse offering of gear cutting tools and workholding. Complementing products and processes were service and support capabilities, including machine rebuilds and retrofits, training and service programs.

Joining Gleason at the event was a host of partners and technology providers to the gear industry who exhibited at the Forum. This included the companies providing software, heat treatment, coatings and machining solutions.

Also introduced for the first time was Gleason 4.0, Gleason's vision and systems architecture for digital manufacturing for the future. This topic stimulated significant interest from the attendees as they consider the next major step in design and production of gear systems.



Said John J. Perrotti, president and chief executive officer of Gleason Corporation, "This was the third time we have hosted this event and customer response just continues to grow. The Gear Solutions Forum has truly evolved into the global gear industry's most comprehensive educational event of the year". The next Gear Solutions Forum is scheduled to be held in September 2015 in Rochester New York, home of the Company's corporate headquarters and of The Gleason Works facility. 2015 will be the 150th anniversary of the company.

EMAG

LAUNCHES APPRENTICE PROGRAM

EMAG has an ongoing interest in providing job opportunities for highly skilled, specialized machine tool technicians. To encourage continuing growth in Michigan's mechatronics manufacturing industry and ensure an advanced workforce to close the sector's skills gap, EMAG has launched an apprentice training program, together with the Michigan Economic Development Corporation, Oakland Community College and Henry Ford Community College. The program offers high-school graduates a career in machine Mechatronics, a discipline



Rebekka Neumann and Matthew Combs, apprentice mechatronics technicians on the EMAG shop floor.

incorporating electrical, electronic and mechanical studies, providing all graduates an Advanced Associate's Degree.

Over the course of three years, the students will rotate educational semesters at the colleges with practical learning on the shop floor of EMAG. "This program is unique in that it is the first of its kind here in the U.S. that will develop a talent pipeline for the manufacturing industry," stated Mike Kjorli, EMAG shop floor manager and designated mentor to the company's apprentices. "The participating colleges asked companies for their input to develop a real world curriculum, making it truly tailored to the needs of the industry," Kjorli added. All tuition and student fees, as well as supplies are provided by the EMAG. The combined classroom and work curriculum offers the students with both paid employment during their studies and a guaranteed position with the company upon successful graduation. Rebekka Neumann, hired by EMAG as an Apprentice Mechatronics Technician, stated, "This program takes a different approach. You apply everything you learn at your job then graduate with a degree, a job and no student loan debt."

The apprenticeship program's goal is to introduce more people to the mechatronics technician field, providing critical support to engineers, increasing the sector's economic strength and ability to attract and retain desirable jobs. "This will prepare them for many work opportunities in the mechatronics field, not only at EMAG, but in the whole industry," stated Kjorli. Two applicants, Matthew Combs and Neumann, were hired by EMAG at the start of the program. After completing their first educational semester, both joined the EMAG team in January 2014 to begin the practical rotation of their apprenticeship.

A substantial investment by the EMAG management team helped to launch the apprenticeship program in Fall 2013. It has received recognition from U.S. Senators, State of Michigan officials and extensive support from college representatives. "This program is very special for me, as I studied the then-new area of Mechatronics in school myself," stated EMAG CEO Peter Loetzner. "I have always believed it is necessary that we help educate and train the next generation of engineering, operator and maintenance personnel. Nothing happens in industry if the machines are not working properly. We at EMAG are very proud to participate in this important program, which not only benefits us, but Michigan and the Detroit area, in particular."

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Mitsubishi Heavy Industries

WELCOMES WEGRYN-JONES TO SALES TEAM

Mitsubishi Heavy Industries – Machine Tool Division is pleased to announce the employment of **Ross Wegryn-Jones** as regional sales manager for gear machines. Wegryn-Jones has vast experience in the gear industry including gear, spline & shaft products to print, gear grinding and measuring machine tools and workholding. He has over 24 years' experience in the machine tool & manufacturing industries. Wegryn-Jones holds a BA from Michigan State University in Marketing & Advertising and an MBA in Management from Western Michigan University. His passions include family, radio controlled aircraft, sailing and soccer when he's not keeping up with his four daughters.



KISSsoft

HOSTS ISO WORKGROUPS

During the week of April 7 to 11, several meetings of ISO Workgroups took place at KISSsoft AG headquarters. Workgroup 6, chaired by Professor Höhn, is intensively engaged in the development of a Technical Report, in which for the first time eight examples of calculations according to ISO 6336 will be documented. This work is very important for KISSsoft, because it can demonstrate that the software correctly implements the ISO 6336 and gets the same results, as they will be published in the standard.

After concluding the new issue of the ISO 1328-1 for cylindrical gear tolerances, Workgroup 2 works now on the Technical Report 10064: Code of inspection practice. The ISO 1328-1 was published in 2013 and is included in the new



KISSsoft Release 03/2014. Since the differences compared to 1995 are considerable, both versions of Part 1 are now available in *KISSsoft*. It will most likely take time until the new tolerance values are generally considered. Workgroup 7, chaired by Dr. Oetru, is concerned with the geometry and strength of worm wheels. The different flank forms of the ISO TR 10828 are implemented in the 3-D worm models of *KISSsoft*.

Trescal

ACQUIRES INSTRUMENT CALIBRATION SERVICES

Trescal recently announced that it has acquired Instrument Calibration Services and Test Equipment Repair Corporation, two companies that provide calibration and repair services for a wide variety of measurement and test equipment. The two transactions consolidate Trescal's geographical footprint and enhance its calibration and repair capabilities in North America.

The deals were completed with the support of Trescal's majority shareholder, Ardian, the premium independent private investment company, and underscore Trescal's position as a leading global provider of calibration services through its global network of over 67 owned calibration laboratories. This is the fourth expansion since Ardian acquired Trescal in July 2013.

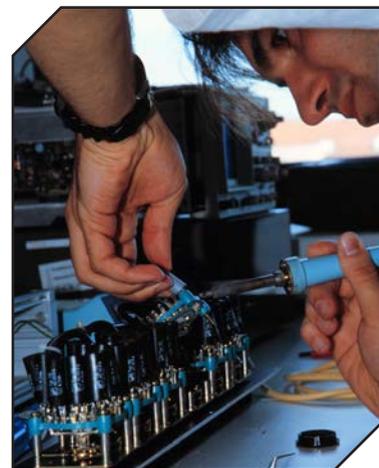
Instrument Calibration Services and Test Equipment Repair Corporation — both based in Atlanta, GA, and A2LA accredited — generated roughly \$4.2 million in sales last year and have 24 employees including 18 engineers. The terms of the deals are not disclosed.

"The acquisition furthers our growth strategy in North America, and marks another significant step towards our goal of dominating the market within two years," Guillaume Caroit, general secretary of Trescal said. "Once again, the expertise of the teams and the reputation of these companies were critical aspects of both acquisitions."

Britt Myers, president and founder of both Instrument Calibration Services and Test Equipment Repair Corporation, said joining Trescal, a market leader in test and measurement equipment services, was an extraordinary opportunity.

"I am happy to transfer my teams to Trescal, as this group is a pure player and specialist in calibration services strengthening its leadership position as a comprehensive test equipment solutions provider. I am confident that this transaction will be beneficial for both parties and their customers. Also, I would like to thank Guillaume Caroit and Lonnie Spires for their efforts and their professionalism," Myers said.

Thibault Basquin, managing director of Mid Cap Buyout at Ardian, also applauded the deal, noting the strong prospects for Trescal as it continues to work closely with Ardian. "This latest acquisition fits perfectly with the strategy we laid out when we acquired Trescal," Basquin said. "Both the Ardian and Trescal teams have implemented an ambitious roadmap with a view to accelerate external growth and we are confident that new transactions will be announced in the coming months."



PTG

COLLABORATES WITH UNIVERSITY OF HUDDERSFIELD

Committed to the advancement of machine tool technologies, Precision Technologies Group (PTG) has signed a 'Memorandum of Understanding' with The Center of Precision Technologies at the University of Huddersfield.

PTG and the University of Huddersfield have worked together on a range of projects over a number of years. In signing the agreement, both parties have shown their commitment to collaborate with the aim of creating a Research and Development Center in Machine Tool Technology at the University.

As part of the agreement, the position of 'Chair in Machine Tool Technology' will be created and, in the first instance, held by Professor Alan Myers of the University of Huddersfield. Additionally, 'Visiting Researcher' status will be granted to an individual nominated by PTG and approved by the University.

In the first instance, this role will be held by Professor Christopher Holmes, general manager of PTG division, Holroyd Advanced Developments. As a further benefit of the agreement, PTG will be given access to the University's on-campus, high-performance computing resources, which will make intensive simulations very much faster.

"Professor Myers has taken part in meetings with our designers and advised us on thermal behaviour," comments PTG's Professor Holmes. "The work we plan to do is ambitious. We are discussing software modelling of machine tools to predict static deflections, dynamic responses, and thermal behavior, all of which have an effect on accuracy. By modelling these factors in advance, we can assist our designers. We also hope to have a software model of a machine, which will permit virtual parts to be machined and control software to be developed, without the need for a real machine to be available."

"We are delighted to have embarked on this exciting partnership with the University of Huddersfield," comments PTG Group Business Development Director, Neil Jones. "At Precision Technologies Group, we have a reputation for not only embracing the very latest manufacturing technologies, but also for innovation. Consequently, we look forward to the ben-



From left to right: Dr. Tony Bannan (PTG), Professor Alan Myers (University of Huddersfield), and Professor Christopher Holmes (PTG).

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efits that working with the University of Huddersfield can bring to our global customer base.”

Professor Myers, who recently visited CHMTI (the machine tool division of PTG’s Chinese parent company) with PTG Chief Executive Officer, Dr. Tony Bannan, added: “The Center for Precision Technologies at the University of Huddersfield has established a growing relationship with PTG over a number of years now and has also welcomed several Chinese executives and engineers. The Memorandum of Understanding will take our partnership with PTG to a new level as we seek to push the boundaries of machine tool technology. Additionally, I am delighted to welcome Professor Christopher Holmes as a Visiting Researcher at the University. His vast experience will bring that specialist industrial knowledge to our work that will be crucial in what we hope to accomplish.”

Dedicated to the advancement of technology, PTG is also platinum sponsor for City University London’s biennial International Conference on Compressors and their Systems. The conference is widely regarded as one of the world’s leading events in compressor technology, and City University London is globally recognised as a premier center of excellence for compressor design and development. PTG has sponsored the event since it was first held in 1999.

Renishaw

ACQUIRES ADVANCED CONSULTING AND ENGINEERING

Renishaw has purchased the business of Advanced Consulting & Engineering, Inc. (ACE), a U.S.-based supplier of dimensional measurement products and services focused on the automotive industry.

The acquisition of family-owned ACE, based in Rochester Hills, Michigan, provides Renishaw further specialized programming capabilities using leading industry packages, and will help to support Renishaw’s sales of coordinate measuring machine (CMM) probing systems and Equator gauges in the USA.

For over 15 years ACE has provided a range of in-house and on-site measurement services to its customers including contract inspection, CMM fixture design, machine retrofits, CMM programming, training and full turnkey solutions from concept to completion. Since 2011 the company has also been a dis-



From left, Jeff Keller, Jeremy Holbrook, Ken Bergler, Kristin Monahan, Jason Christensen, Kurt VonLinsowe.

tributor of Renishaw’s CMM and gauging products, including REVO, PH20 and Equator. ACE has A2LA lab accreditation.

“We are very excited at becoming a part of the Renishaw Group, which is globally respected in the metrology industry,” said Ken Bergler, founder of ACE. “This is a great opportunity to expand our existing operations, and I believe that we can make a significant contribution to Renishaw’s U.S. operations through the specialized skills we have developed servicing our high quality customer base.”

Leo Somerville, president of Renishaw Inc, added: “This is an excellent acquisition for Renishaw and further underlines our commitment to invest in the development of our metrology business. We have known Ken and his team for many years, over which time ACE has built an excellent reputation for delivering high quality measurement solutions, particularly for demanding applications in the automotive sector. As Renishaw continues to focus on supplying end-user metrology solutions, including CMM retrofits and installations of our Equator gauge, the specialized programming and applications knowledge of the ACE team will be particularly valuable.”

H-D Advanced Manufacturing

APPOINTS DON BROWN PRESIDENT AT OVERTON

H-D Advanced Manufacturing Company (H-D), a heavy duty industrial company focused on high-precision manufactured products used in motion control and other applications, announced today that Donald A. Brown has been appointed president and CEO of its subsidiary, Overton Chicago Gear Corporation (OCG or the Company), a leading manufacturer and provider of large, custom, mission-critical gears, gearboxes and repair services. Mr. Brown brings to OCG more than 20 years of management experience in the global manufacturing sector. Former OCG Chief Executive Officer Lou Ertel will remain Chairman of the Company’s board, in addition to his duties as chairman of the American Gear Manufacturers Association.

Brown joins OCG from Carlisle Brake & Friction, a \$350m division of Carlisle Companies (formerly Wellman Products Group) where he was vice president of Global Operations and Carlisle Operating Systems (COS). During his eight-year tenure at Carlisle Brake & Friction, he was responsible for the company’s global operations, including sourcing, purchasing, engineering, quality and quality systems, COS, and Environmental, Health and Safety functions.

Christopher DiSantis, CEO of H-D Advanced Manufacturing Company, said, “We are proud to have attracted an executive of Don’s caliber to lead OCG. Don is a highly accomplished manufacturing executive and a proven leader. He is widely known for his uncompromising drive for operational excellence, and his hire is a great development for our customers who will benefit from his relentless focus on customer service. We look forward to OCG’s successful future under his leadership.”