



The grand opening ribbon cutting ceremony for Gleason Cutting Tools (Suzhou).

Gleason

OPENS SECOND CHINA PLANT

Gleason recently opened its second manufacturing facility in Suzhou Industrial Park for the production of cylindrical gear and bevel gear cutting tools. Gleason Cutting Tools (Suzhou) has begun full-scale production of hobs for spur and helical gear production and spiral bevel blades for bevel gear cutting systems.

“Gleason is not new to the fast-growing China market,” says John J. Perrotti, president and CEO at Gleason. “In fact, no other manufacturer has imported to China the number of gear production machines and cutting tools as Gleason has over the last 30 years. Gleason continues to expand its presence in China to keep pace—locally—with growing demand for the most advanced machines and tooling.”

The new facility complements Gleason Gear Technology (Suzhou) Co., Ltd. that first opened in October 2006.

“We now have the ability, unmatched by any other gear equipment manufacturer, to use the most modern local resources to meet the needs of our Chinese customers for greater access to the world’s most advanced and productive gear manufacturing technologies,” Perrotti says.

Among the investments made in the facility is a precision hob cell that includes advanced turning, wire EDM, grinding, hob sharpening and analytical inspection machines for ‘one-stop’ manufacturing of a wide variety of hob sizes and styles. This same cell concept is also being used for the production of spiral bevel blades for bevel gear cutting systems.

Woods

Elected AMT President



Douglas K. Woods

The Association for Manufacturing Technology's (AMT) board of directors has elected Douglas K. Woods president. Woods comes to AMT from Parlec, Inc., a company that specializes in tooling, workholding and presetting solutions. He was a member of AMT's board of directors from 2000–2008, serving as chairman from 2005–2006. Woods was also chairman of the committee for

AMT's Custom Automated Systems Group.

"This is a fantastic opportunity for me to work at an association that promotes an industry I grew up in," Woods says. "I have a great deal of respect for the staff at AMT and look forward to working with the members."

Woods has worked at everything from small tool and die shops to multibillion-dollar machine tool corporations. His international experience and connection to a broad manufacturing base allow him a unique perspective on the needs of AMT members. "We are pleased that Doug has agreed to take on this challenge," says Ron Schildge, chairman of the AMT board of directors. "His experience and commitment to this industry will serve AMT and its members well in these challenging times."

Woods served as president of both Parlec, Inc. and Parlec International. He was president at Liberty Precision Industries, a company he joined in 1990, and served in executive positions with the automation systems divisions of Cross & Trecker and Gleason. He began his career at Alliance Automation System where he served his apprenticeship and went on to hold several management positions.

Woods has been involved in other manufacturing associations, including the National Tooling & Machining Association and the Rochester Tooling & Machining Association.

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NEWS

Philadelphia Gear

Hires Middle East Sales Engineer



R. K. Kumar

Philadelphia Gear Corporation has appointed R.K. Kumar as sales engineer for the United Arab Emirates. Kumar will be responsible for developing key accounts in the energy market and will handle daily customer relation activities. Kumar brings more than 15 years of experience in heavy industrial field work, sales and service of gas turbines and other related products. He was

recently a customer support engineer with Sun Power Gen Systems and Services. He earned his bachelor's degree in mechanical engineering from the Institute of Engineers, Calcutta University in Calcutta, India.

"We are encouraged by the depth of global experience R.K. Kumar brings to the Philadelphia Gear Corporation sales team," says James Aston, Middle East Region sales director. "Our customers in the United Arab Emirates will benefit greatly from his varied skills developed in working with high-profile energy market companies throughout the Middle East."



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AGMA

PUBLISHES BEVEL GEAR MEASUREMENT REPORT

AGMA recently announced the publication of a new ISO Technical Report for the gearing community. ISO/TR 10064-6, Code of inspection practice—Part 6: Bevel gear measurement methods, is designed to provide technical information regarding the measurement of unassembled bevel and hypoid gears and gear pairs. It is intended to permit the manufacturer and purchaser to conduct measuring procedures that are accurate and repeatable to a compatible degree with

the tolerance grades in ANSI/AGMA ISO 17485. The paper was prepared by ISO TC 60/Working Group 2 with the input of leading U.S. experts from the AGMA Gear Accuracy Committee. It can be purchased in electronic format at www.agma.org.

Gear Research Institute

SHIFTS LEADERSHIP

Upon his retirement from the Gleason Corporation at the end of 2008, Gary Kimmet also stepped down from his role as president of the Gear Research Institute. "We wish Gary the very best in his retirement and thank him profusely for his long and selfless service to the institute," says Dr. Suren Rao, managing director. "As a good friend I have known since the 1980s, when I was in the industry, I will miss him, his support and his counsel."



Sam Haines

Sam Haines of Gear Motions was elected president of the Gear Research Institute by the board of directors. Jack Masseth of Arvin Meritor was elected secretary and Al Swiglo of Northern Illinois University will continue as treasurer. Charlie Fischer, vice president of AGMA's technical division, was nominated by AGMA to the institute's board of directors as a replacement for Kimmet.

continued






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Gear Technology

SIGNS AGREEMENT WITH TRIUMPH

Gear Technology, a manufacturer of precision gears for aerospace, military and commercial industries, has signed a five-year manufacturing agreement with Triumph Gear Systems, a group company of Triumph Aerospace Systems, headquartered in Park City, Utah.



Tom Marino

Terms and conditions of the agreement provide a mutual beneficial business relationship between our two companies, according to Tom Marino, president of Gear Technology.

"Gear Technology will be contract-manufacturing precision-quality machine gear products including shafts, splined rings, splined spacers and clutch plates for military V-22 Osprey Tilt-Rotor Aircraft," Marino says. "Our integrated manufacturing processes, including sophisticated job tracking systems, ensure products are produced with careful attention to the most intricate engineering detail and product specifications. The company also offers gear blanking, engineering consultation and sophisticated inventory management services."

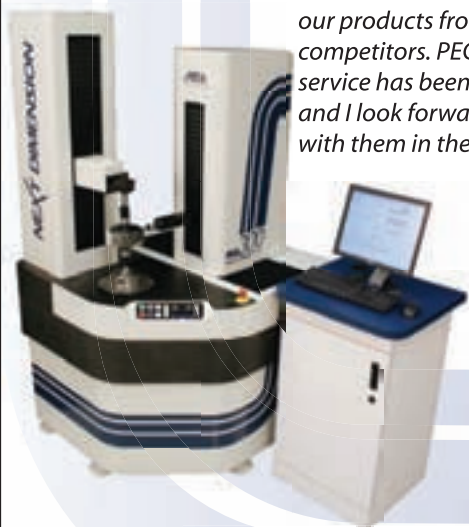
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MTConnect Institute SEEKS MEMBERS

The newly established organization that seeks to promote manufacturing system interoperability seeks new members to assist in developing and promoting the standards and materials required to implement MTConnect.

The MTConnect Institute is open to any individual, company or organization interested in participating in MTConnect implementation. Four levels of membership are currently available including founding sponsor, institute partner, MTConnect Institute Technical Advisory Group (MTCTAG) member and registered member. Each level provides different benefits within the institute.

The development of MTConnect, an open, royalty-free standard, began in early 2007. It is a means of improving the ability to collect data across manufacturing technologies that address interoperability between controls, devices and software applications similar to what has been achieved in the information technology arena. MTConnect seeks to develop standardized communication protocols that will allow devices, equipment and systems to output data in a common format that can be read by another technology.

Partnership

BRINGS ACADEMIA AND INDUSTRY TOGETHER

LMS, an engineering innovation company, recently announced its partnership with the Australian Royal Melbourne Institute of Technology. Together, they have established the RMIT-LMS Centre of Expertise in NVH (Noise, Vibration and Hardness). The center will consist of education and research giving students at the institute an opportunity for internships at one of LMS International's worldwide offices.

"Establishing a strong partnership between LMS International and RMIT University provides a new way for industrial partners and universities to undertake joint research activities and develop a complementary expertise in a specialized area," says Aleksandar Subic, professor and head of the school of aerospace, mechanical and manufacturing engineering at RMIT.

The center will integrate LMS International's instrumentation, simulation and testing software with the university's expertise in NVH research, application and education. Laboratories will be set up for modal analysis, spectral testing and sound intensity measurements including an advanced, multi-channel acoustic camera for field mapping.

"We will be able to support the industry by offering regular technology updates as well as seminars for industry

continued

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professionals and advanced graduate students,” says Boris Marrone, LMS International area manager SEA/Pacific. “We are taking an important role by keeping the local industry up to speed with what is happening around the globe.”

Adcole

PURCHASES KOMATSU-NTC

The Adcole Corporation has bought out Komatsu-NTC from their joint venture, Adcole Far East Ltd., in Tokyo. Terms of the deal were not disclosed though Komatsu is reportedly consolidating their business units. According to the company’s press release, Adcole saw this as an opportunity to reinforce their relationship with Far East customers including Toyota, Nissan, Honda, Mazda, Mitsubishi, Mitsubishi Heavy, Yanmar Diesel, Hyundai, Kia, GM Daewoo and others. Adcole’s measuring machines are used by engine manufacturers to help meet quality objectives in the gage room and on the shop floor.

“Despite the global recession and its impact on the automotive, trucking and heavy equipment industries, Adcole has chosen to buy out Komatsu-NTC to position ourselves for the economic recovery and our continued growth worldwide,” says J. Brooks Reece, vice president.

ASTM International

APPROVES NEW STANDARDS

The American Society for Testing and Materials (ASTM) has recently approved two international standards for properties of sintered metallurgy products. The new standards, ASTM B962: Test Methods for Density of Compacted or Sintered Powder Metallurgy Products Using Archimedes’ Principle, and ASTM B963: Test Methods for Oil Content, Oil-Impregnation, Efficiency, and Interconnected Porosity of Sintered Powder Metallurgy, are based on tests originally



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contained in ASTM B328, according to W. Brian James from the Hoeganaes Corporation.

The purpose of ASTM B962 is to provide the means, through use of Archimedes' principle, to determine the volume in order to calculate the density of complex three-dimensional shapes such as those formed and used in the powder metallurgy industry.

The results of the tests covered in ASTM B963 will be used for powder metallurgy quality control or compliance purposes.

Interested parties are invited to participate in the interlaboratory study that Subcommittee B09.04 is currently planning to determine the precision of the test methods. ASTM international standards can be purchased from customer service at (610)-832-9585 or by contacting service@astm.org. For more information, visit www.astm.org.

Northstar

SELLS SUBSIDIARY TO FOCUS ON GEAR PRODUCTION

The assets of Turbine Engine Service Group (TESG) of Stroud, OK, a subsidiary of Northstar Aerospace, Inc., was sold to Mint Turbines LLC. Gross proceeds of the deal were approximately \$9.35 million, and the transaction included an estimated adjustment for working capital. Northstar intends to use net proceeds of the sale to reduce the Chicago-based company's outstanding debt obligations, which includes fulfilling a \$7.5 million repayment due July 31.

TESG is a repair and overhaul business that specializes in Pratt & Whitney PT6 turboprop engines. TESG employs 43 people and generated more than \$15 million of revenue in 2008. In November 2008, Northstar announced plans to divest the subsidiary as part of Northstar's larger strategy to concentrate its core business on manufacturing gears and transmissions for defense and commercial aerospace industry customers. Northstar's main products include helicopter gears and transmissions, accessory gearbox assemblies, rotorcraft drive systems and other machined and fabricated parts.

Glenn Hess, president and CEO of Northstar Aerospace, commented in a press release. "While we will miss our relationship with TESG, this transaction allows Northstar to focus on our core business, improve our balance sheet and satisfy our bank commitments."

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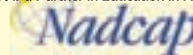


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